Appendix A
Piezometer Construction and Groundwater-Level Measurements

Table A-1
Piezometer Construction Details
Release Site Characterization
Bethlehem Steel Corporation - Sparrows Point Facility

				A	B	C	D	E	F	G	H
Location Designation	**Piezometer Designation**	**Installation Method**	**Date Installed**	**Top of Casing Elevation (ft) NAVD88**	**Protection Cover Type**	**Well Total Depth (ft)**	**Riser Length (ft)**	**Screen Length (ft)**	**Filter Pack Interval (ft)**	**Seal Interval (ft)**	**Grout Interval (ft)**
CO02	CO02-PZM006	Hollow Stem Auger	12/12/2001	14.12	Steel Riser	18	8	10	18-6	6-4	4-0
	CO02-PZM041	Hollow Stem Auger	10/16/2001	14.06	Steel Riser	53	48	5	56.5-41	41-39	39-09
CO03	CO03-PZM005	Hollow Stem Auger	12/12/2001	13.53	Steel Riser	17	7	10	17-5	5-3	3-0
CO04	CO04-PZM004	Hollow Stem Auger	10/11/2001	12.3	Flush Mount	16	6	10	16-4	4-2	2-0
	CO04-PZM048	Hollow Stem Auger	10/11/2001	12.27	Flush Mount	60	55	5	60-48	48-46	46-0
CO05	CO05-PZM006	Hollow Stem Auger	11/29/2001	11.01	Flush Mount	17	7	10	17-5	5-3	3-0
CO06	CO06-PZM008	Hollow Stem Auger	10/12/2001	9.67	Flush Mount	48	43	5	50-36	36-34	34-0
	CO06-PZM039	Hollow Stem Auger	11/27/2001	9.13	Flush Mount	17	7	10	17-5	5-3	3-0
CO07	CO07-PZM008	Hollow Stem Auger	12/17/2001	13.74	Steel Riser	17	7	10	17-5	5-3	3-0
	CO07-PZM050	Hollow Stem Auger	12/18/2001	13.48	Steel Riser	60	55	5	60-53	53-51	51-0
CO08	CO08-PZM005	Hollow Stem Auger	10/11/2000	11.68	Flush Mount	17	7	10	5 - 17	4 - 5	0.5 - 4
	CO08-PZM036	Hollow Stem Auger	11/08 - 11/09/2000	11.62	Flush Mount	48.5	43.5	5	40.5 - 48.5	2 - 40.5	0.5 - 2
	CO08-PZM098	Hollow Stem Auger	11/06 - 11/07/2000	11.55	Flush Mount	110	105	5	103 - 110	2 - 103	0.5 - 2
CO09	CO09-PZM007	Hollow Stem Auger	11/29/2001	11.15	Flush Mount	18	8	10	18-6	6-4	4-0
CO10	CO10-PZM006	Hollow Stem Auger	08/08/2000	11.5	Steel Riser	18	8	10	6 - 18	1.5 - 6	0 - 1.5
	CO10-PZM029	Hollow Stem Auger	12/08/2000	11.21	Flush Mount	41	36	5	32 - 41	3 - 41	0.5 - 3
	CO10-PZM090	Hollow Stem Auger	12/08/2000	10.98	Flush Mount	102	97	5	93 - 102	3 - 93	0.5 - 3
CO11	CO11-PZM007	Hollow Stem Auger	12/11/2001	12.28	Flush Mount	18	8	10	18-6	6-4	4-0
CO12	CO12-PZM008	Hollow Stem Auger	12/06/2001	10.94	Flush Mount	19	9	10	19-7	7-5	5-0
CO13	CO13-PZM008	Hollow Stem Auger	12/04/2001	12.01	Flush Mount	20	10	10	20-8	8-6	6-0
	CO13-PZM030	Hollow Stem Auger	11/30/2001	12.15	Flush Mount	42	37	5	44-35	35-33	33-0
CO15	CO15-PZM005	Hollow Stem Auger	12/12/2001	12.33	Steel Riser	17	7	10	17-5	5-3	3-0
CO16	CO16-PZM006	Hollow Stem Auger	12/13/2001	12.88	Steel Riser	17.5	7.5	10	17.5-5.5	5.5-3.5	3.5-0
CO17	CO17-PZM005	Hollow Stem Auger	12/14/2001	9.96	Flush Mount	17	7	10	17-5	5-3	3-0
CO18	CO18-PZM006	Hollow Stem Auger	12/13/2001	13.57	Steel Riser	17.5	7.5	10	17.5-5.5	5.5-3.5	3.5-0
CO19	CO19-PZM004	Hollow Stem Auger	12/17/2001	13.27	Steel Riser	16	6	10	16-4	4-2	2-0
CO20	CO20-PZM004	Hollow Stem Auger	12/07/2001	12.75	Flush Mount	17	7	10	17-5	5-3	3-0
CO21	CO21-PZM005	Hollow Stem Auger	11/28/2001	11.96	Flush Mount	17	7	10	17-5	5-3	3-0
CO22	CO22-PZM005	Hollow Stem Auger	11/27/2001	12.03	Flush Mount	17	7	10	17-5	5-3	3-0
CO23	CO23-PZM008	Hollow Stem Auger	12/04/2001	11.17	Flush Mount	19	9	10	19-7	7-5	5-0
CO24	CO24-PZM007	Hollow Stem Auger	12/06/2001	12.02	Flush Mount	19	9	10	19-7	7-5	5-0
CO25	CO25-PZM008	Hollow Stem Auger	12/04/2001	12.03	Flush Mount	20	10	10	20-8	8-6	6-0
CO26	CO26-PZM007	Hollow Stem Auger	12/05/2001	12.76	Flush Mount	20	10	10	20-8	8-6	6-0
CO31	CO-31-A	Individual piezometers	06/03/1997	12.00	Flush Mount	527	517	10	562-515	515-14	14-0
	CO-31-B	within an abandoned	06/03/1997	12.00	Flush Mount	270	260	10	275-258	258-0	14-0
	CO-31-C	production well	06/03/1997	12.00	Flush Mount	162	152	10	163-150	150-14	14-0
CP02	CP02-PZM007	Hollow Stem Auger	11/14/2001	27.12	Steel Riser	31.6	21.6	10	32-19.7	19.7-17.7	17.7-0
	CP02-PZM026	Hollow Stem Auger	11/08/2001	27.31	Steel Riser	50	45	5	55-43	43-41	41-0
	CP03-PZM008	Hollow Stem Auger	11/15/2001	30.39	Steel Riser	32	22	10	32-20	20-18	18-0
CP03	CP03-PZM025	Hollow Stem Auger	11/26/2001	30.1	Steel Riser	53	48	5	53-46	46-44	44-0
CP05	CP05-PZM008	Hollow Stem Auger	10/12/2000	10.31	Steel Riser	15	5	10	3 - 15	2 - 3	0 - 2
	CP05-PZM019	Hollow Stem Auger	10/12 - 10/16/2000	10.48	Steel Riser	26	21	5	19 - 26	18 - 19	0 - 18
	CP05-PZM028	Direct Push	10/17/2000	7.07	Flush Mount	35	32	3	32 - 35	31 - 32	0.5 - 31
CP06	CP06-PZM009	Hollow Stem Auger	11/07/2001	57.88	Steel Riser	64	54	10	64-52	52-50	50-0
CP07	CP07-PZM006	Hollow Stem Auger	10/12/2000	14	Steel Riser	17	7	10	5 - 17	4 - 5	0 - 4
	CP07-PZM018	Direct Push	10/13/2000	10.45	Flush Mount	29	26	3	26 - 29	25 - 26	0.5 - 25
	CP07-PZM026	Direct Push	10/13/2000	10.69	Flush Mount	37	34	3	34 - 37	33 - 34	0.5 - 33
CP08	CP08-PZM008	Hollow Stem Auger	11/12/2001	24.64	Steel Riser	30	20	10	30-18	18-16	16-0
	CP08-PZM034	Hollow Stem Auger	11/09/2001	25.47	Steel Riser	57	52	5	57-50	50-48	48-0
CP09	CP09-PZM010	Hollow Stem Auger	10/30/2001	7.63	Steel Riser	15	5	10	15-4	4-2	2-0
	CP09-PZM047	Hollow Stem Auger	10/31/2001	7.39	Steel Riser	52	47	5	52-45	45-43	43-0
CP10	CP10-PZM008	Hollow Stem Auger	11/05/2001	36.16	Steel Riser	41	31	10	41-29	29-27	27-0
CP11	CP11-PZM010	Hollow Stem Auger	10/30/2001	8.43	Steel Riser	15	5	10	15-4	4-2	2-0
	CP11-PZM040	Hollow Stem Auger	11/01/2001	7.64	Steel Riser	45	40	5	49-38	38-36	36-0
CP12	CP12-PZM012	Hollow Stem Auger	11/05/2001	5.35	Steel Riser	15	5	10	15-4	4-2	2-0
	CP12-PZM052	Hollow Stem Auger	11/02/2001	4.71	Steel Riser	54	49	5	54-47	47-45	45-0
CP14	CP14-PZM009	Hollow Stem Auger	11/12/2001	13.06	Steel Riser	19	9	10	19-7	7-5	5-0
	CP14-PZM062	Hollow Stem Auger	11/06/2001	13.67	Steel Riser	73	68	5	73-66	66-64	64-0
FM01	FM01-PZM003	Hollow Stem Auger	09/21/2001	10.11	Flush mount	13.5	3.5	10	13.5 - 2	2 - 0.5	0.5 - 0
	FM01-PZM041	Direct Push	09/19/2001	9.97	Flush mount	51	41	10	51 - 41	41 - 40	40 - 0
FM02	FM02-PZM002	Hollow Stem Auger	09/15/2001	11.51	Flush mount	14	4	10	14 - 3	3 - 2	2 - 0
	FM02-PZM033	Direct Push	09/27/2001	11.32	Flush mount	45	34	11	45 - 34	34 - 33	33 - 0
FM03	FM03-PZM005	Hollow Stem Auger	09/26/2001	10.11	Flush mount	13.2	3.2	10	13.2 - 2	2 - 0.5	0.5 - 0
	FM03-PZM026	Direct Push	09/26/2001	9.97	Flush mount	36	25	11	36 - 25	25 - 24	24 - 0
FM04	FM04-PZM009	Hollow Stem Auger	09/29/2000	11.46	Flush Mount	21	11	10	9 - 21	8 - 9	0.5 - 9
	FM04-PZM036	Direct Push	10/16/2000	11.8	Flush Mount	48	45	3	45 - 48	44 - 45	0.5 - 44
	FM04-PZM054	Direct Push	10/16/2000	11.83	Flush Mount	66.5	63.5	3	63.5 - 66.5	62.5 - 63.5	0.5 - 62.5
FM05	FM05-PZM004	Hollow Stem Auger	09/21/2001	9.30	Flush mount	14	4	10	14 - 3	3 - 2	2 - 0
	FM05-PZM024	Direct Push	09/19/2001	9.53	Flush mount	32	22	10	32 - 22	22 - 21	21 - 0
GL02	GL02-PZM006	Hollow Stem Auger	04/01/1983	20.01	Steel Riser	27	17	10	13-27	0.5-13	0.5-0
	GL02-PZM017	Hollow Stem Auger	03/06/1986	20.59	Steel Riser	39	29	10	26-29	2-26	2-0
	GL02-PZM028	Direct Push	11/12/2001	20.31	Steel Riser	50	45	5	45-50	44-45	44-0
GL04	GL04-PZM026	Direct Push	10/06/2000	13.21	Flush Mount	40	37	3	37 - 40	36 - 37	0.5 - 36
	GL04-PZM046	Direct Push	10/18/2000	13.31	Flush Mount	60	57	3	57 - 60	56 - 57	0.5 - 56
	GL04-PZP001	Hollow Stem Auger	09/19/2000	16.51	Steel Riser	12	2	10	1 - 12	0.5 - 1	0.5-0
GL05	GL05-PZM008	Hollow Stem Auger	09/19/2000	22.43	Steel Riser	27	17	10	15 - 27	12 - 15	12-0
	GL05-PZM020	Direct Push	10/05/2000	22.78	Steel Riser	39.5	36.5	3	36.5 - 39.5	35.5 - 36.5	0 - 35.5
GL07	GL07-PZM013	Hollow Stem Auger	10/26 - 10/27/2000	67.01	Steel Riser	77	72	5	70 - 77	68 - 70	0 - 68
	GL07-PZM031	Hollow Stem Auger	10/27 - 10/30/2000	66.8	Steel Riser	95	90	5	88 - 95	86 - 88	0 - 86
	GL07-PZP009	Hollow Stem Auger	10/18 - 10/19/2000	67.16	Steel Riser	55	35	20	33 - 55	32 - 33	0 - 32
GL08	GL08-PZM000	Hollow Stem Auger	03/30/1983	17.11	Steel Riser	19	9	10	19-7	7-6	6-0
	GL08-PZM036	Direct Push	11/30/2001	17.45	Steel Riser	48	43	5	48-43	42-43	42-0
GL10	GL10-PZM012	Direct Push	11/14/2001	19.51	Steel Riser	29	24	5	29-24	23-24	23-0
	GL10-PZP003	Hollow Stem Auger	04/21/1983	19.44	Steel Riser	18	8	10	18-7	7-6	6-0
GL11	GL11-PZM030	Direct Push	11/12/2001	18.47	Steel Riser	45	40	5	45-40	39-40	39-0
	GL11-PZP002	Hollow Stem Auger	04/05/1983	16.46	Steel Riser	16	6	10	16-2	2-1	1-0
GL13	GL13-PZM012	Hollow Stem Auger	Unknown	23.41	Steel Riser	57	44	13	60-42	42-38	38-0
	GL13-PZM032	Hollow Stem Auger	Unknown	23.55	Steel Riser	37.5	26.5	11	37.5-25	25-22	22-0
	GL13-PZP003	Hollow Stem Auger	04/04/1983	23.15	Steel Riser	17	17	10	20-2	2-1	1-0
GL14	GL14-PZM010	Hollow Stem Auger	Unknown	25.57	Steel Riser	43.5	26	10	43.5-23.5	23.5-20.5	20.5-0
	GL14-PZP002	Hollow Stem Auger	10/30/2001	24.36	Steel Riser	20	10	10	20-8	6-8	6-0
GL15	GL15-PZM022	Hollow Stem Auger	10/29/2001	24.78	Steel Riser	45	40	5	45-38	36-38	36-0
	GL15-PZP008	Hollow Stem Auger	04/01/1983	24.78	Steel Riser	19	9	10	19-6	6-5	5-0
GL16	GL16-PZP003	Hollow Stem Auger	10/26/2001	21.32	Steel Riser	15	5	10	15-3	2-3	2-0
GL-17	GL17-PZM005	Hollow Stem Auger	03/31/1983	22.48	Steel Riser	28	18	10	28-14	14-0.5	0.5-0
	GL17-PZM032	Hollow Stem Auger	Unknown	22.15	Steel Riser	55.5	45.5	10	55.5-44.5	44.5-39.8	39.8-0
	GL17-PZP008	Hollow Stem Auger	03/31/1983	21.94	Steel Riser	15	5	10	15-2.6	2.6-1.6	1.6-0
GL18	GL18-PZP002	Hollow Stem Auger	10/26/2001	18.92	Steel Riser	15	5	10	15-3	2-3	2-0

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Release Site Characterization
Bethlehem Steel Corporation - Sparrows Point Facility

				A	B	C	D	E	F	G	H
Location Designation	**Piezometer Designation**	**Installation Method**	**Date Installed**	**Top of Casing Elevation (ft) NAVD88**	**Protection Cover Type**	**Well Total Depth (ft)**	**Riser Length (ft)**	**Screen Length (ft)**	**Filter Pack Interval (ft)**	**Seal Interval (ft)**	**Grout Interval (ft)**
HI01	HI01-PZM009	Hollow Stem Auger	09/28/2000	10.38	Flush Mount	20	10	10	8 - 20	7 - 8	0.5 - 7
	HI01-PZM035	Direct Push	10/06/2000	10.68	Flush Mount	45.5	42.5	3	42.5 - 45.5	41.5 - 42.5	0.5 - 41.5
	HI01-PZM056	Direct Push	10/25/2000	10.73	Flush Mount	67	64	3	64 - 67	63 - 64	0.5 - 63
HI02	HI02-PZM006	Hollow Stem Auger	10/10/2001	10.51	Flush mount	17	7	10	17 - 5	5 - 3	3 - 0
	HI02-PZM032	Direct Push	09/19/2001	10.71	Flush mount	43	33	10	43 - 33	33 - 32	32 - 0
HI04	HI04-PZM006	Hollow Stem Auger	09/26/2001	12.40	Steel Riser	17	7	10	17 - 5	5 - 3	3 - 0
	HI04-PZM034	Direct Push	09/18/2001	13.52	Steel Riser	45	35	10	45 - 35	35 - 34	34 - 0
HI05	HI05-PZM012	Hollow Stem Auger	10/25/2000	4.24	Steel Riser	13	3	10	2 - 13	1 - 2	0 - 1
	HI05-PZM046	Hollow Stem Auger	10/25/2000	5.57	Steel Riser	49	46	3	46 - 49	44 - 46	0 - 44
	HI05-PZM108	Hollow Stem Auger	1/23 - 10/25/2000	5.5	Steel Riser	110	107	3	110 - 107	99 - 107	0 - 99
HI06	HI06-PZM002	Hollow Stem Auger	09/28/2000	13.09	Steel Riser	12	2	10	1 - 12	0.5 - 1	0 - 0.5
	HI06-PZM058	Direct Push	10/27/2000	13.72	Steel Riser	68	65	3	65 - 68	64 - 65	0 - 64
HI07	HI07-PZM005	Hollow Stem Auger	09/20/2000	12.69	Steel Riser	14	4	10	2 - 14	1 - 2	0 - 1
	HI07-PZM032	Direct Push	10/03/2001	11.58	Steel Riser	42	31	11	42 - 31	31 - 30	30 - 0
RW01	RW01-PZM020	Hollow Stem Auger	09/10/1985	12.72	Steel Riser	30	25	5	30-23	23-1.5	1.5-0
RW02	RW02-PZM000	Hollow Stem Auger	09/13/1985	12.37	Steel Riser	10	5	5	10-4	4-1	1-0
	RW02-PZM020	Hollow Stem Auger	09/12/1985	13.00	Steel Riser	30	25	30	30-24.5	24.5-2	2-0
RW03	RW03-PZM003	Hollow Stem Auger	Unknown	10.83	Steel Riser	16.5	11.5	5	16.5-10	10-8	8-0
RW04	RW04-PZM003	Hollow Stem Auger	Unknown	11.09	Steel Riser	16.5	11.5	5	16.5-10	10-8	8-0
RW05	RW05-PZP001	Hollow Stem Auger	Unknown	11.04	Steel Riser	10	5	5	10-4	4-1	1-0
RW06	RW06-PZM001	Hollow Stem Auger	Unknown	12.17	Steel Riser	10	5	5	10-4	4-1	1-0
RW07	RW07-PZM004	Hollow Stem Auger	08/28/2001	15.22	Steel Riser	14	4	10	14-3	3-2	2-0
	RW07-PZM017	Hollow Stem Auger	09/12/1985	12.95	Steel Riser	30	25	5	30-24	24-2	2-0
RW08	RW08-PZM003	Hollow Stem Auger	Unknown	11.35	Steel Riser	14.5	9.5	5	14.5-4	4-2	2-0
RW09	RW09-PZM004	Hollow Stem Auger	08/28/2001	15.22	Steel Riser	14	4	10	14-3	3-2	2-0
RW10	RW10-PZM004	Hollow Stem Auger	08/28/2001	13.48	Flush Mount	14	4	10	14-3	3-2	2-0
	RW10-PZM020	Hollow Stem Auger	05/06/1986	13.25	Steel Riser	30	20	10	31-18	18-3	3-0
	RW10-PZM065	Hollow Stem Auger	8/28 - 9/6/2001	12.94	Flush Mount	75	70	5	75-67	67-65	65-0
RW11	RW11-PZM004	Hollow Stem Auger	08/28/2001	15.35	Steel Riser	14	4	10	14-3	3-2	2-0
RW12	RW12-PZM004	Hollow Stem Auger	08/28/2001	15.37	Steel Riser	14	4	10	14-3	3-2	2-0
RW13	RW13-PZM020	Hollow Stem Auger	08/30/2001	14.62	Steel Riser	30	25	5	30-23	23-21	21-0
RW14	RW14-PZM020	Hollow Stem Auger	08/30/2001	15.15	Steel Riser	30	25	5	30-23	23-21	21-0
RW15	RW15-PZM020	Hollow Stem Auger	03/19/2001	12.70	Steel Riser	30	25	5	30-23	23-21	21-0
RW16	RW16-PZM020	Hollow Stem Auger	09/04/2001	13.84	Steel Riser	30	25	5	30-23	23-21	21-0
RW17	RW17-PZM019	Hollow Stem Auger	09/04/2001	13.67	Steel Riser	29	24	5	29-22	22-20	20-0
RW18	RW18-PZM047	Hollow Stem Auger	05/03/1986	15.68	Steel Riser	60	55	5	60-51	51-2	2-0
RW19	RW19-PZM020	Hollow Stem Auger	04/30/1986	13.48	Steel Riser	30	25	5	30-22	22-3	3-0
	RW19-PZM050	Hollow Stem Auger	04/30/1986	12.99	Steel Riser	62	55	5	62-50	50-3	3-0
	RW19-PZP003	Hollow Stem Auger	05/02/1986	13.49	Steel Riser	10	5	5	10-4	4-2	2-0
RW20	RW20-PZM020	Hollow Stem Auger	4/39/1986	13.47	Steel Riser	30	25	5	30-23	23-3	3-0
	RW20-PZM050	Hollow Stem Auger	04/30/1986	13.03	Steel Riser	60	55	5	60-51	51-2	2-0
	RW20-PZP000	Hollow Stem Auger	04/30/1986	12.82	Steel Riser	10	5	5	10-4	4-2	2-0
RW21	RW21-PZM023	Hollow Stem Auger	09/04/2001	12.91	Steel Riser	33	28	5	33-26	26-24	24-0
	RW-RW89	Hollow Stem Auger	Unknown	11.29	Steel Riser	16.5	11.5	5	16.5-10	10-2	2-0
	RW-RW90	Hollow Stem Auger	Unknown	11.16	Steel Riser	16.5	11.5	5	16.5-10	10-2	2-0
	RW-RW93	Hollow Stem Auger	Unknown	12.82	Steel Riser	10	5	5	10-4	4-2	2-0
	RW-RW95	Hollow Stem Auger	Unknown	12.65	Steel Riser	10	5	5	10-4	4-2	2-0
	RW-RW97	Hollow Stem Auger	Unknown	12.99	Steel Riser	15	5	10	15-6	6-2	2-0
	RW-RWBW-20	Hollow Stem Auger	05/02/1986	15.94	Steel Riser	15	5	10	15-6	6-2	2-0
	RW-RWBW-21	Hollow Stem Auger	05/02/1986	15.10	Steel Riser	33	28	5	33-25	25-3	3-0
SG01	SG01-PDP000	Hollow Stem Auger	08/01/2000	18.4	Steel Riser	16	6	10	4 - 16	3 - 4	0 - 3
	SG01-PPM004	Hollow Stem Auger	08/01/2000	10.58	Steel Riser	13	3	10	1 - 13	0.5 - 1	0 - 0.5
SG03	SG03-PDM007	Hollow Stem Auger	08/02/2000	13.48	Steel Riser	18.5	8.5	10	6 - 18.5	2 - 6	0 - 2
	SG03-PPM012	Hollow Stem Auger	08/02/2000	12.19	Steel Riser	22	12	10	10 - 22	2 - 10	0 - 2
SG04	SG04-PDM008	Hollow Stem Auger	08/03/2000	7.4	Steel Riser	12	2	10	1 - 12	0.5 - 1	0 - 0.5
	SG04-PPM011	Hollow Stem Auger	08/03/2000	11.44	Steel Riser	20	10	10	8 - 20	2 - 8	0 - 2
SG05	SG05-PDM004	Hollow Stem Auger	07/28/2000	8.93	Steel Riser	13	3	10	1 - 13	0.5 - 1	0 - 1
	SG05-PPM006	Hollow Stem Auger	07/28/2000	9.9	Steel Riser	13	3	10	1 - 13	0.5 - 1	0 - 1
SG06	SG06-PDM001	Hollow Stem Auger	07/31/2000	12.26	Flush Mount	14	4	10	3 - 14	2 - 3	0.5 - 2
	SG06-PPM004	Hollow Stem Auger	07/31/2000	14.08	Steel Riser	15	5	10	3 - 15	2 - 3	0 - 2
SG07	SG07-PDM008	Hollow Stem Auger	08/03/2000	17.95	Steel Riser	23	13	10	11 - 23	2 - 11	0 - 2
	SG07-PPM008	Hollow Stem Auger	08/03/2000	11.74	Flush Mount	20	10	10	8 - 20	2 - 8	0.5 - 2
	SG07-PZM007	Hollow Stem Auger	08/10/2000	14.7	Steel Riser	19	9	10	7 - 19	1.5 - 7	0 - 1.5
SW01	SW01-PZM004	Hollow Stem Auger	09/28/2000	24	Steel Riser	25	15	10	13 - 25	12 - 13	0 - 12
	SW01-PZM030	Direct Push	10/05/2000	24.2	Steel Riser	51	48	3	48 - 51	47 - 48	0 - 47
SW02	SW02-PZM049	Direct Push	10/24/2000	17.58	Steel Riser	63	60	3	60 - 3	59 - 60	0 - 59
	SW02-PZM000	Hollow Stem Auger	09/18/2000	17.73	Steel Riser	14	4	10	2 - 14	1 - 2	0 - 1
SW03	SW03-PZM003	Hollow Stem Auger	11/01/2000	14.55	Steel Riser	14	4	10	2 - 14	1 - 2	0 - 1
	SW03-PZM060	Direct Push	10/26/2000	14.93	Steel Riser	71	68	3	68 - 71	67 - 68	0 - 67
SW04	SW04-PZM001	Hollow Stem Auger	09/20/2000	11.93	Flush Mount	13	3	10	2 - 13	1.5 - 2	0.5 - 1.5
	SW04-PZM030	Direct Push	10/19/2000	11.94	Flush Mount	42	39	3	39 - 42	38 - 39	0.5 - 38
	SW04-PZM056	Direct Push	10/19/2000	12.05	Flush Mount	68.5	65.5	3	65.5 - 68.5	64.5 - 65.5	0.5 - 64.5
SW05	SW05-PZM004	Hollow Stem Auger	09/18/2000	16.5	Steel Riser	18	8	10	6 - 18	5 - 6	0 - 5
	SW05-PZM039	Direct Push	10/18/2000	18.14	Steel Riser	53	50	3	50 - 53	49 - 50	0 - 49
SW06	SW06-PZM001	Hollow Stem Auger	10/05/2000	17.51	Steel Riser	15	5	10	3 - 15	2 - 3	0 - 2
	SW06-PZM053	Direct Push	10/23/2000	17.44	Steel Riser	67	64	3	64 - 67	63 - 64	0 - 63
SW07	SW07-PZM004	Hollow Stem Auger	10/05/2000	14.58	Steel Riser	16	6	10	4 - 16	3 - 4	0 - 3
	SW07-PZM108	Hollow Stem Auger	12/13 - 12/14/2000	14.71	Steel Riser	120	115	5	111 - 120	3 - 111	0 - 3
SW08	SW08-PZM003	Hollow Stem Auger	09/20/2000	8.69	Flush Mount	12	2	10	1.5 - 12	1 - 1.5	0.5 - 1
	SW08-PZM053	Direct Push	10/18/2000	8.5	Flush Mount	62	59	3	59 - 62	58 - 59	0.5 - 58
SW09	SW09-PZM004	Hollow Stem Auger	10/05/2000	13.21	Steel Riser	14	4	10	3 - 14	2 - 3	0 - 2
	SW09-PZM028	Direct Push	10/04/2000	13.14	Steel Riser	38	35	3	35 - 38	34 - 35	0 - 34
	SW09-PZM068	Direct Push	10/23/2000	13.36	Steel Riser	78	75	3	75 - 38	74 - 75	0 - 74
SW-10	SW10-PZM012	Hollow Stem Auger	10/04/2000	7.82	Steel Riser	17	7	10	5 - 17	4 - 5	0 - 4
	SW10-PZM085	Direct Push	10/19/2000	7.69	Steel Riser	90	87	3	87 - 90	86 - 87	0 - 86
SW-11	SW11-PZM005	Hollow Stem Auger	10/06/2000	10.79	Flush Mount	16	6	10	4 - 16	3 - 4	0.5 - 3
	SW11-PZM092	Hollow Stem Auger	12/11/2000	11.94	Flush Mount	104	99	5	95 - 104	3 - 95	0.5 - 3
SW-12	SW12-PZM100	Hollow Stem Auger	12/06 - 12/07/2000	17.94	Steel Riser	115	110	5	106 - 115	3 - 106	0 - 3
	SW12-PZP001	Hollow Stem Auger	10/06/2000	18.34	Steel Riser	14	4	10	3 - 14	2 - 3	0 - 2
SW-13	SW13-PZM003	Hollow Stem Auger	10/10/2000	12.87	Flush Mount	17	7	10	5 - 17	4 - 5	0.5 - 4
	SW13-PZM025	Direct Push	10/10/2000	13.3	Flush Mount	39	36	3	36 - 39	35 - 36	0.5 - 35
	SW13-PZM111	Hollow Stem Auger	11/28/2000	13.31	Flush Mount	125	120	5	116 - 125	2 - 116	0.5 - 2
SW-14	SW14-PZM004	Hollow Stem Auger	10/10/2000	13.87	Steel Riser	15	5	10	3 - 15	2 - 3	0 - 2
	SW14-PZM099	Hollow Stem Auger	12/11/2000	13.67	Steel Riser	110	105	5	101 - 110	3 - 101	0 - 3
SW-15	SW15-PZM005	Hollow Stem Auger	10/16/2000	14.84	Steel Riser	17	7	10	5 - 17	4 - 5	0 - 4
	SW15-PZM031	Direct Push	10/20/2000	15.03	Steel Riser	43	40	3	40 - 43	39 - 40	0 - 39
	SW15-PZM085	Hollow Stem Auger	10/31/2000	14.33	Steel Riser	97	92	5	90 - 97	3 - 90	0 - 3
SW-16	SW16-PZM003	Hollow Stem Auger	10/17/2000	15.08	Steel Riser	15	5	10	3 - 15	2 - 3	0 - 2
	SW16-PZM067	Direct Push	10/24/2000	15.42	Steel Riser	79	76	3	76 - 79	75 - 76	0 - 75
SW-17	SW17-PZM007	Hollow Stem Auger	10/10/2000	13.28	Steel Riser	18	8	10	6 - 18	5 - 6	0 - 5
	SW17-PZM038	Hollow Stem Auger	11/20/2000	13.27	Steel Riser	48	43	5	40 - 48	2 - 40	0 - 2
	SW17-PZM113	Hollow Stem Auger	11/10 - 11/14/00	13.48	Steel Riser	123	118	5	115 - 123	2 - 115	0 - 2

Table A-1
Piezometer Construction Details
Release Site Characterization
Bethlehem Steel Corporation - Sparrows Point Facility

				A	B	C	D	E	F	G	H
Location Designation	**Piezometer Designation**	**Installation Method**	**Date Installed**	**Top of Casing Elevation (ft) NAVD88**	**Protection Cover Type**	**Well Total Depth (ft)**	**Riser Length (ft)**	**Screen Length (ft)**	**Filter Pack Interval (ft)**	**Seal Interval (ft)**	**Grout Interval (ft)**
SW-18	SW18-PZM008	Hollow Stem Auger	10/12/2000	13.36	Steel Riser	18	8	10	6 - 18	5 - 6	0 - 5
	SW18-PZM053	Hollow Stem Auger	11/22/2000	13.62	Steel Riser	63	58	5	54 - 63	2 - 54	0 - 2
	SW18-PZM114	Hollow Stem Auger	11/15/2000	13.56	Steel Riser	125	120	5	116 - 125	2 - 116	0 - 2
SW-19	SW19-PZM007	Hollow Stem Auger	10/17/2000	24.32	Flush Mount	32	22	10	20 - 32	19 - 20	0.5 - 19
	SW19-PZM032	Direct Push	10/25/2000	24.28	Flush Mount	57	54	3	54 - 57	53 - 54	0.5 - 53
SW-20	SW20-PZM006	Hollow Stem Auger	10/18/2000	10.13	Flush Mount	17	7	10	5 - 17	4 - 5	0.5 - 4
	SW20-PZM041	Direct Push	10/26/2000	10.3	Flush Mount	51	48	3	48 - 51	47 - 48	0.5 - 47
TM02	TM02-PZM009	Hollow Stem Auger	03/27/1983	10.49	Steel Riser	21	11	10	21-6	6-5	5-0
	TM02-PZM028	Hollow Stem Auger	03/23/1983	10.43	Steel Riser	41	31	10	41-22	22-2	2-0
	TM02-PZM062	Direct Push	09/27/2001	11.02	Steel Riser	70	60	10	70 - 58	58 - 56	56 - 0
TM03	TM03-PZM004	Hollow Stem Auger	09/19/2001	12.96	Steel Riser	15.3	5.3	10	15.3 - 3.5	3.5 - 2	2 - 0
	TM03-PZM037	Direct Push	09/25/2001	12.88	Steel Riser	48	38	10	48 - 38	38 - 37	37 - 0
TM04	TM04-PZM006	Hollow Stem Auger	03/25/1983	12.06	Steel Riser	21	11	10	21-6	6-2	2-0
	TM04-PZM028	Hollow Stem Auger	03/25/1983	11.91	Steel Riser	45.5	35.5	10	45.5-22	22-2	2-0
	TM04-PZM056	Direct Push	09/25/2001	13.71	Steel Riser	67	57	10	67 - 57	57 - 56	56 - 0
TM05	TM05-PZM005	Hollow Stem Auger	09/20/2000	13.44	Steel Riser	15	5	10	3 - 15	1 - 3	0 - 1
	TM05-PZM040	Direct Push	10/12/2000	13.96	Steel Riser	50.5	47.5	3	47.5 - 50.5	46.5 - 47.5	0 - 46.5
	TM05-PZM069	Direct Push	10/12/2000	13.99	Steel Riser	79.5	76.5	3	76.5 - 79.5	75 .5 - 76.5	0 - 75.5
TM06	TM06-PZM008	Hollow Stem Auger	09/29/2000	13.75	Steel Riser	19	9	10	7 - 19	6 - 7	0 - 6
	TM06-PZM034	Direct Push	09/25/2001	13.63	Steel Riser	45	35	10	45 - 35	35 - 34	34 - 0
TM07	TM07-PZM005	Hollow Stem Auger	02/26/1986	14.88	Steel Riser	57	47	10	57-40	40-2	2-0
	TM07-PZM045	Hollow Stem Auger	02/26/1986	14.59	Steel Riser	17	7	10	17-6	6-2	2-0
TM08	TM08-PZM007	Hollow Stem Auger	09/26/2001	9.75	Steel Riser	14	4	10	14 - 3	3 - 2	2 - 0
	TM08-PZM038	Direct Push	09/19/2001	9.76	Steel Riser	45	35	10	45 - 35	35 - 34	34 - 0
TM09	TM09-PZM007	Hollow Stem Auger	09/25/2001	11.28	Steel Riser	16	6	10	16 - 4	4 - 2	2 - 0
	TM09-PZM047	Direct Push	09/19/2001	11.38	Steel Riser	55	45	10	55 - 45	45 - 44	44 - 0
TM10	TM10-PZM007	Hollow Stem Auger	09/21/2001	11.30	Steel Riser	15	5	10	15 - 3	3 - 2	2 - 0
TM11	TM11-PZM007	Hollow Stem Auger	09/25/2001	10.83	Flush mount	18	8	10	18 - 6	6 - 4	4 - 0
	TM11-PZM034	Direct Push	09/18/2001	11.01	Flush mount	45	35	10	45 - 35	35 -34	34 -0
TM12	TM12-PZM006	Hollow Stem Auger	09/25/2001	12.41	Steel Riser	16	6	10	16 - 4	4 - 2	2 - 0
TM13	TM13-PZM007	Hollow Stem Auger	09/24/2001	12.57	Steel Riser	16	6	10	16 - 4	4 - 2	2 - 0
	TM13-PZM046	Direct Push	09/18/2001	12.34	Steel Riser	55	45	10	55 - 45	45 - 44	44 - 0
TM14	TM14-PZM005	Hollow Stem Auger	09/29/2000	10.31	Flush Mount	16	6	10	4 - 16	3 - 4	0.5 - 3
TM15	TM15-PZM007	Hollow Stem Auger	09/21/2000	10.6	Steel Riser	14	4	10	2 - 14	1 - 2	0 - 1
	TM15-PZM011	Hollow Stem Auger	09/21/2000	10.1	Steel Riser	18	13	5	11 - 18	10 - 11	0 - 10
	TM15-PZM031	Direct Push	10/10/2000	11.04	Steel Riser	38	35	3	35 - 38	34 - 35	0 - 34
	TM15-PZM065	Direct Push	10/13/2000	11.35	Steel Riser	72.5	69.5	3	69.5 - 72.5	68.5 - 69.5	0 - 68.5
TM16	TM16-PZM007	Hollow Stem Auger	09/24/2001	11.96	Steel Riser	17	7	10	17 - 5	5 - 3	3 - 0
TM17	TM17-PZM005	Hollow Stem Auger	09/24/2001	11.32	Steel Riser	14	4	10	14 - 3	3 - 2	2 - 0
TM18	TM18-PZM005	Hollow Stem Auger	09/24/2001	11.27	Steel Riser	14	4	10	14 - 3	3 - 2	2 - 0
TS01	TS01-PDM007	Hollow Stem Auger	8/01 - 8/02/2000	20.14	Steel Riser	25	15	10	13 - 25	3 - 13	0 - 3
	TS01-PPM010	Hollow Stem Auger	08/01/2000	18.06	Steel Riser	25	15	10	13 - 25	2 - 13	0 - 2
TS02	TS02-PDM010	Hollow Stem Auger	08/02/2000	12.44	Steel Riser	25	15	10	13 - 25	2 - 13	0 - 2
	TS02-PPM009	Hollow Stem Auger	08/02/2000	16.19	Steel Riser	23	13	10	11 - 23	2 - 11	0 - 2
TS03	TS03-PDP002	Hollow Stem Auger	08/11/2000	13.53	Steel Riser	13	3	10	2 - 13	1.5 - 2	0 - 1.5
	TS03-PPP003	Hollow Stem Auger	08/11/2000	14.61	Steel Riser	15	5	10	3 - 15	2 - 3	0 - 2
TS04	TS04-PDM004	Hollow Stem Auger	08/11/2000	13.71	Steel Riser	15	5	10	3 - 15	1.5 - 3	0 - 1.5
	TS04-PPM007	Hollow Stem Auger	08/11/2000	10.22	Flush Mount	17	7	10	5 - 15	1.5 - 5	0.5 - 1.5
	TS04-PZM023	Hollow Stem Auger	09/05/2001	12.44	Flush Mount	33	28	5	33-26	26-24	24-0
TS05	TS05-PDM004	Hollow Stem Auger	08/10/2000	11.26	Steel Riser	13	3	10	2 - 13	1.5 - 2	0 - 1.5
	TS05-PPM007	Hollow Stem Auger	08/10/2000	10.38	Steel Riser	15.5	5.5	10	3 - 15.5	2 - 3	0 - 2
TS06	TS06-PDM004	Hollow Stem Auger	08/09/2000	13.73	Steel Riser	15	5	10	3 - 15	1.5 - 3	0 - 1.5
	TS06-PPM008	Hollow Stem Auger	08/09/2000	13.21	Steel Riser	18	8	10	6 - 18	1.5 - 5	0 - 1.5
TS07	TS07-PDM007	Hollow Stem Auger	08/08/2000	11.42	Steel Riser	16	6	10	4 - 16	1.5 - 4	0 - 1.5
	TS07-PPM005	Hollow Stem Auger	08/09/2000	10.41	Steel Riser	13	3	10	2 - 13	1.5 - 2	0 - 1.5
TS08	TS08-PPM007	Hollow Stem Auger	08/08/2000	12.59	Steel Riser	17	7	10	5 - 17	1.5 - 5	0 - 1.5
TS09	TS09-PDM008	Hollow Stem Auger	08/04/2000	8.68	Flush Mount	17	7	10	5 - 17	1.5 - 5	0 - 1.5
	TS09-PPM018	Hollow Stem Auger	08/04/2000	11.25	Steel Riser	27	17	10	15 - 27	2 - 15	0 - 2
TS10	TS10-PDM008	Hollow Stem Auger	08/07/2000	6.76	Flush Mount	12	2	10	1.5 - 12	1 - 2	0.5 - 1.5
	TS10-PPM005	Hollow Stem Auger	08/07/2000	8.68	Steel Riser	14	4	10	3 - 14	2 - 3	0 - 2

Note: See accompanying Piezometer or Well Completion Diagram for explanation of columns A, B, C, etc.

CH2MHILL	**PROJECT NUMBER** 164586	**PIEZOMETER OR WELL NUMBER** SHEET 1 OF 1

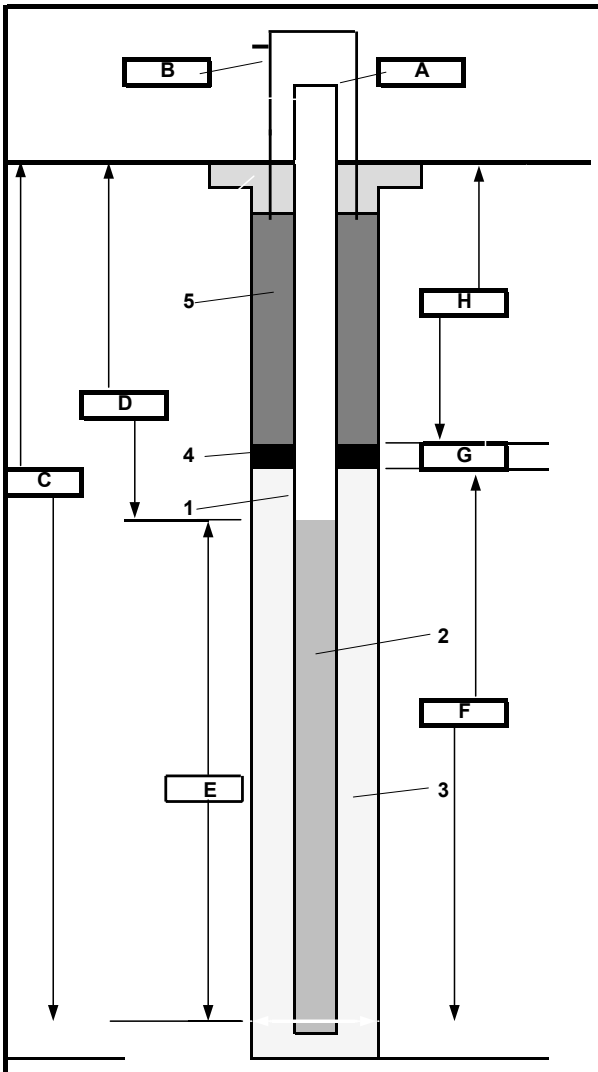
PIEZOMETER OR WELL COMPLETION DIAGRAM

PROJECT : Bethlehem Steel LOCATION : Sparrows Point, MD

DRILLING CONTRACTOR : E2SI

DRILLING METHOD AND EQUIPMENT USED : Hollow Stem Auger

WATER LEVELS : START : END : LOGGER : Linda Lotto



1- Diameter/type of riser: 2" Schedule 40 PVC

2- Type/slot size of screen: 2" Schedule 40 PVC Screen, 0.020 Slot

3- Type screen filter: # 2 Millersville Quartz Sand Pack

4- Type of seal: Bentonite Chips or Bentonite Slurry

5- Grout
- a) Grout mix used: Bentonite / Portland Cement Slurry
- b) Method of placement: Tremmi or Direct Pour

Table A-2
Synoptic Groundwater-Level Measurements

		March 19, 2002		December 18, 2001		November 20, 2001		October 16, 2001		September 18, 2001		August 21, 2001		July 24, 2001	
Well	Reference Elevation (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)
CO02-PZM006	14.12	13.91	0.21	13.52	0.60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO02-PZM041	14.06	15.79	-1.73	14.95	-0.89	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO03-PZM005	13.53	3.68	9.85	5.01	8.52	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO04-PZM004	12.30	10.41	1.89	9.66	2.64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO04-PZM048	12.27	13.91	-1.64	13.14	-0.87	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO05-PZM006	11.01	NM	NM	9.76	1.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO06-PZM008	9.67	7.71	1.96	7.62	2.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO06-PZM039	9.13	9.36	-0.23	8.74	0.39	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO07-PZM008	13.74	13.89	-0.15	ND	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO07-PZM050	13.48	15.09	-1.61	ND	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO08-PZM005	11.68	10.46	1.22	10.44	1.24	10.59	1.09	9.76	1.92	8.52	3.16	8.73	2.95	9.27	2.41
CO08-PZM036	11.62	12.81	-1.19	12.22	-0.60	12.39	-0.77	11.21	0.41	11.33	0.29	11.71	-0.09	12.52	-0.90
CO08-PZM098	11.55	3.79	7.76	6.02	5.53	11.92	-0.37	9.86	1.69	9.32	2.23	13.06	-1.51	14.09	-2.54
CO09-PZM007	11.15	11.93	-0.78	10.84	0.31	11.92	-0.77	NM	NM	NM	NM	NM	NM	NM	NM
CO10-PZM006	11.50	11.83	-0.33	11.14	0.36	11.35	0.15	10.67	0.83	NM	NM	10.89	0.61	10.76	0.74
CO10-PZM029	11.21	11.39	-0.18	10.44	0.77	10.93	0.28	10.10	1.11	NM	NM	10.87	0.34	10.24	0.97
CO10-PZM090	10.98	12.44	-1.46	11.80	-0.82	12.2	-1.22	11.43	-0.45	NM	NM	11.65	-0.67	11.93	-0.95
CO11-PZM007	12.28	12.42	-0.14	12.00	0.28	12.2	0.08	NM	NM	NM	NM	NM	NM	NM	NM
CO12-PZM008	10.94	11.15	-0.21	10.72	0.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO13-PZM008	12.01	12.15	-0.14	11.72	0.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO13-PZM030	12.15	13.22	-1.07	12.40	-0.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO15-PZM005	12.33	12.43	-0.10	11.92	0.41	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO16-PZM006	12.88	12.91	-0.03	12.54	0.34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO17-PZM005	9.96	9.67	0.29	9.42	0.54	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO18-PZM006	13.57	14.01	-0.44	13.14	0.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO19-PZM004	13.27	11.43	1.84	11.59	1.68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO20-PZM004	12.75	12.02	0.73	11.81	0.94	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO21-PZM005	11.96	11.25	0.71	10.92	1.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO22-PZM005	12.03	10.76	1.27	10.71	1.32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO23-PZM008	11.17	11.31	-0.14	10.86	0.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO24-PZM007	12.02	12.21	-0.19	11.79	0.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO25-PZM008	12.03	12.3	-0.27	11.78	0.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO26-PZM007	12.76	13.06	-0.30	12.60	0.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CO-31-A	12.00	57.03	-45.03	51.40	-39.40	52.91	-40.91	53.30	-41.30	54.14	-42.14	53.99	-41.99	52.21	-40.21
CO-31-B	12.00	16.02	-4.02	14.93	-2.93	15.41	-3.41	14.98	-2.98	14.93	-2.93	15.2	-3.20	15.54	-3.54
CO-31-C	12.00	15.29	-3.29	14.28	-2.28	14.69	-2.69	14.23	-2.23	14.16	-2.16	14.47	-2.47	14.09	-2.09
CP02-PZM007	27.12	27.52	-0.40	26.98	0.14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP02-PZM026	27.31	27.63	-0.32	27.39	-0.08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP03-PZM008	30.39	30.82	-0.43	30.50	-0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP03-PZM025	30.10	31.07	-0.97	30.28	-0.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP05-PZM008	10.31	10.78	-0.47	10.56	-0.25	10.66	-0.35	9.69	0.62	9.91	0.40	10.5	-0.19	9.73	0.58
CP05-PZM019	10.48	10.99	-0.51	10.81	-0.33	10.86	-0.38	9.81	0.67	10	0.48	10.39	0.09	9.94	0.54
CP05-PZM028	7.07	7.2	-0.13	7.72	-0.65	7.51	-0.44	6.41	0.66	6.21	0.86	6.98	0.09	6.11	0.96
CP06-PZM009	57.88	60.29	-2.41	57.85	0.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP07-PZM006	14.00	14.31	-0.31	13.81	0.19	14.02	-0.02	13.41	0.59	13.15	0.85	13.62	0.38	13.41	0.59
CP07-PZM018	10.45	11.71	-1.26	10.41	0.04	11.29	-0.84	10.02	0.43	10.87	-0.42	10.29	0.16	10.96	-0.51

Table A-2
Synoptic Groundwater-Level Measurements

		March 19, 2002		December 18, 2001		November 20, 2001		October 16, 2001		September 18, 2001		August 21, 2001		July 24, 2001	
Well	Reference Elevation (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)
CP07-PZM026	10.69	11.32	-0.63	10.59	0.10	10.86	-0.17	10.22	0.47	10.06	0.63	10.52	0.17	10.13	0.56
CP08-PZM008	24.64	25.01	-0.37	24.47	0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP08-PZM034	25.47	27.31	-1.84	25.44	0.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP09-PZM010	7.63	8.07	-0.44	8.01	-0.38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP09-PZM047	7.39	7.99	-0.60	8.21	-0.82	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP10-PZM008	36.16	36.71	-0.55	36.05	0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP11-PZM010	8.43	8.23	0.20	9.15	-0.72	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP11-PZM040	7.64	8.11	-0.47	8.33	-0.69	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP12-PZM012	5.35	5.75	-0.40	5.60	-0.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP12-PZM052	4.71	5.68	-0.97	5.22	-0.51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP14-PZM009	13.06	13.81	-0.75	13.00	0.06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CP14-PZM062	13.67	14.85	-1.18	14.66	-0.99	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
FM01-PZM003	10.11	3.83	6.28	3.98	6.13	6.18	3.93	3.93	6.18	NM	NM	NM	NM	NM	NM
FM01-PZM041	9.97	11.43	-1.46	10.87	-0.90	11.02	-1.05	10.70	-0.73	NM	NM	NM	NM	NM	NM
FM02-PZM002	11.51	6.86	4.65	6.37	5.14	6.44	5.07	6.17	5.34	NM	NM	NM	NM	NM	NM
FM02-PZM033	11.32	12.65	-1.33	11.81	-0.49	12.3	-0.98	10.70	0.62	NM	NM	NM	NM	NM	NM
FM03-PZM005	11.93	6.1	5.83	6.34	5.59	6.25	5.68	NM	NM	NM	NM	NM	NM	NM	NM
FM03PZM026	11.93	9.64	2.29	10.14	1.79	7.02	4.91	NM	NM	NM	NM	NM	NM	NM	NM
FM04-PZM009	11.46	6.61	4.85	6.51	4.95	6.55	4.91	6.19	5.27	6.02	5.44	6.01	5.45	6.11	5.35
FM04-PZM036	11.80	13.25	-1.45	12.81	-1.01	12.8	-1.00	12.48	-0.68	12.41	-0.61	12.54	-0.74	12.29	-0.49
FM04-PZM054	11.83	13.26	-1.43	12.84	-1.01	12.89	-1.06	12.49	-0.66	12.44	-0.61	12.56	-0.73	12.32	-0.49
FM05-PZM004	9.30	5.01	4.29	5.14	4.16	5.5	3.80	5.12	4.18	NM	NM	NM	NM	NM	NM
FM05-PZM024	9.53	7.69	1.84	7.41	2.12	7.34	2.19	7.18	2.35	NM	NM	NM	NM	NM	NM
GL02-PZM006	20.01	19.13	0.88	19.21	0.80	19.3	0.71	18.76	1.25	18.75	1.26	18.71	1.30	18.95	1.06
GL02-PZM017	20.59	21.51	-0.92	21.33	-0.74	21.54	-0.95	21.52	-0.93	21	-0.41	21	-0.41	20.7	-0.11
GL02-PZM028	20.31	3.26	17.05	11.84	8.47	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
GL04-PZM026	13.21	14.11	-0.90	13.48	-0.27	14.13	-0.92	13.52	-0.31	13.34	-0.13	13.82	-0.61	13.3	-0.09
GL04-PZM046	13.31	13.5	-0.19	13.21	0.10	13.91	-0.60	13.47	-0.16	13.45	-0.14	13.66	-0.35	13.21	0.10
GL04-PZP001	16.51	6.02	10.49	5.98	10.53	6.45	10.06	5.98	10.53	6.47	10.04	6.29	10.22	6.41	10.10
GL05-PZM008	22.43	22.22	0.21	21.76	0.67	23.17	-0.74	22.48	-0.05	21.75	0.68	22.57	-0.14	21.4	1.03
GL05-PZM020	22.78	23.79	-1.01	24.01	-1.23	24	-1.22	23.10	-0.32	22.8	-0.02	23.55	-0.77	23.1	-0.32
GL07-PZM013	67.01	NM	NM	55.49	11.52	57.09	9.92	55.35	11.66	56.13	10.88	56.4	10.61	56.12	10.89
GL07-PZM031	66.80	NM	NM	68.00	-1.20	67.57	-0.77	66.65	0.15	66.85	-0.05	67.3	-0.50	68.36	-1.56
GL07-PZP009	67.16	NM	NM	50.63	16.53	50.9	16.26	50.91	16.25	50.47	16.69	50.41	16.75	50.18	16.98
GL08-PZM000	17.11	6.26	10.85	6.13	10.98	7.67	9.44	5.87	11.24	6.65	10.46	5.93	11.18	6.41	10.70
GL08-PZM036	17.45	18.42	-0.97	17.92	-0.47	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
GL10-PZM012	19.51	20.27	-0.76	19.63	-0.12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
GL10-PZP003	19.44	15.67	3.77	16.71	2.73	17.05	2.39	15.46	3.98	15.5	3.94	16.84	2.60	15.76	3.68
GL11-PZM030	18.47	19.78	-1.31	8.01	10.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
GL11-PZP002	16.46	5.75	10.71	6.23	10.23	5.67	10.79	5.82	10.64	5.22	11.24	6	10.46	7.05	9.41
GL13-PZM012	23.41	24.94	-1.53	24.07	-0.66	24.37	-0.96	23.13	0.28	23.65	-0.24	24.01	-0.60	23.91	-0.50
GL13-PZM032	23.55	15.42	8.13	23.96	-0.41	17.9	5.65	15.75	7.80	17.12	6.43	15.72	7.83	15.35	8.20
GL13-PZP003	23.15	10.47	12.68	10.66	12.49	16.22	6.93	9.50	13.65	9.37	13.78	10.15	13.00	9.11	14.04
GL14-PZM010	25.57	21.63	3.94	22.65	2.92	21.62	3.95	19.98	5.59	19.63	5.94	21.71	3.86	21.55	4.02
GL14-PZP002	24.36	20.02	4.34	9.77	14.59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
GL15-PZM022	24.78	25.7	-0.92	25.47	-0.69	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

Table A-2
Synoptic Groundwater-Level Measurements

		March 19, 2002		December 18, 2001		November 20, 2001		October 16, 2001		September 18, 2001		August 21, 2001		July 24, 2001	
Well	Reference Elevation (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)
GL15-PZP008	24.78	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	13.93	10.85	13.64	11.14
GL16-PZP003	21.32	16.52	4.80	16.58	4.74	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
GL17-PZM005	22.48	13.04	9.44	12.98	9.50	11.52	10.96	11.63	10.85	12.13	10.35	12.1	10.38	11.54	10.94
GL17-PZM032	22.15	16.37	5.78	21.20	0.95	22.23	-0.08	22.73	-0.58	22.23	-0.08	18.43	3.72	23.11	-0.96
GL17-PZP008	21.94	12.96	8.98	11.97	9.97	12.95	8.99	11.80	10.14	11.1	10.84	10.47	11.47	11.8	10.14
GL18-PZP002	18.92	9.15	9.77	9.15	9.77	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
HI01-PZM009	10.38	8.9	1.48	9.65	0.73	8.62	1.76	8.30	2.08	8.36	2.02	8.35	2.03	8.25	2.13
HI01-PZM035	10.68	11.02	-0.34	11.60	-0.92	12.02	-1.34	10.96	-0.28	10.71	-0.03	12.31	-1.63	10.96	-0.28
HI01-PZM056	10.73	11.78	-1.05	11.98	-1.25	11.95	-1.22	10.85	-0.12	10.2	0.53	10.22	0.51	11.56	-0.83
HI02-PZM006	10.51	8.75	1.76	9.05	1.46	9.54	0.97	9.28	1.23	NM	NM	NM	NM	NM	NM
HI02-PZM032	10.71	11.04	-0.33	10.85	-0.14	10.94	-0.23	10.54	0.17	NM	NM	NM	NM	NM	NM
HI04-PZM006	12.40	11.1	1.30	11.28	1.12	11.55	0.85	14.93	-2.53	NM	NM	NM	NM	NM	NM
HI04-PZM034	13.52	14.82	-1.30	14.20	-0.68	14.42	-0.90	11.54	1.98	NM	NM	NM	NM	NM	NM
HI05-PZM012	4.24	4.62	-0.38	5.55	-1.31	5.87	-1.63	NM	NM	NM	NM	NM	NM	NM	NM
HI05-PZM046	5.57	6.74	-1.17	6.25	-0.68	6.54	-0.97	NM	NM	NM	NM	NM	NM	NM	NM
HI05-PZM108	5.50	6.74	-1.24	6.65	-1.15	6.94	-1.44	NM	NM	NM	NM	NM	NM	NM	NM
HI06-PZM002	13.09	NM	NM	7.67	5.42	8.11	4.98	7.69	5.40	7.58	5.51	7.63	5.46	7.9	5.19
HI06-PZM058	13.72	NM	NM	14.16	-0.44	14.73	-1.01	14.01	-0.29	14.02	-0.30	14.19	-0.47	13.84	-0.12
HI07-PZM005	12.69	10.5	2.19	10.85	1.84	11.45	1.24	10.92	1.77	10.84	1.85	10.81	1.88	10.71	1.98
HI07-PZM032	11.58	12.81	-1.23	12.35	-0.77	12.4	-0.82	11.98	-0.40	NM	NM	NM	NM	NM	NM
RW01-PZM020	12.72	15.42	-2.70	14.88	-2.16	15.28	-2.56	13.42	-0.70	13.82	-1.10	12.41	0.31	11.7	1.02
RW02-PZM000	12.37	5.16	7.21	6.92	5.45	7.94	4.43	10.35	2.02	7.76	4.61	7.68	4.69	6.6	5.77
RW02-PZM020	13.00	16.05	-3.05	15.46	-2.46	15.8	-2.80	13.85	-0.85	14.31	-1.31	13.06	-0.06	12	1.00
RW03-PZM003	10.83	5.15	5.68	6.82	4.01	7.65	3.18	9.01	1.82	6.56	4.27	6.02	4.81	5.2	5.63
RW04-PZM003	11.09	6.52	4.57	7.25	3.84	9.12	1.97	7.45	3.64	6.99	4.10	6.53	4.56	5.98	5.11
RW05-PZP001	11.04	8.22	2.82	9.28	1.76	10.1	0.94	8.01	3.03	8.72	2.32	NM	NM	7.67	3.37
RW06-PZM001	12.17	6.82	5.35	7.46	4.71	9.24	2.93	7.80	4.37	7.42	4.75	7	5.17	6.55	5.62
RW07-PZM004	15.22	9.08	6.14	9.50	5.72	10.62	4.60	9.67	5.55	9.38	5.84	NM	NM	NM	NM
RW07-PZM017	12.95	16.42	-3.47	15.82	-2.87	16.14	-3.19	13.74	-0.79	14.52	-1.57	12.6	0.35	11.94	1.01
RW08-PZM003	11.35	6.22	5.13	7.68	3.67	8.74	2.61	7.13	4.22	6.61	4.74	6.01	5.34	5.83	5.52
RW09-PZM004	15.22	7.52	7.70	8.42	6.80	15.93	-0.71	8.62	6.60	8.61	6.61	NM	NM	NM	NM
RW10-PZM004	13.48	5.7	7.78	6.35	7.13	7.56	5.92	6.61	6.87	6.07	7.41	NM	NM	NM	NM
RW10-PZM020	13.25	18.9	-5.65	18.15	-4.90	18.48	-5.23	16.40	-3.15	16.02	-2.77	NM	NM	NM	NM
RW10-PZM065	12.94	11.62	1.32	11.15	1.79	11.38	1.56	10.87	2.07	10.78	2.16	NM	NM	NM	NM
RW11-PZM004	15.35	8.81	6.54	9.88	5.47	9.24	6.11	9.11	6.24	8.03	7.32	NM	NM	NM	NM
RW12-PZM004	15.37	8.48	6.89	9.10	6.27	9.82	5.55	9.43	5.94	8.86	6.51	NM	NM	NM	NM
RW13-PZM020	14.62	16.18	-1.56	15.58	-0.96	10.4	4.22	13.76	0.86	14.42	0.20	NM	NM	NM	NM
RW14-PZM020	15.15	16.86	-1.71	16.26	-1.11	16.64	-1.49	14.22	0.93	15.07	0.08	NM	NM	NM	NM
RW15-PZM020	12.70	18.82	-6.12	17.50	-4.80	16.64	-3.94	13.22	-0.52	15.47	-2.77	NM	NM	NM	NM
RW16-PZM020	13.84	17.05	-3.21	16.45	-2.61	16.82	-2.98	14.40	-0.56	15.22	-1.38	NM	NM	NM	NM
RW17-PZM019	13.67	16.88	-3.21	16.28	-2.61	17.8	-4.13	14.36	-0.69	15.08	-1.41	NM	NM	NM	NM
RW18-PZM047	15.68	16.84	-1.16	16.20	-0.52	15.92	-0.24	15.80	-0.12	15.69	-0.01	NM	NM	15.56	0.12
RW19-PZM020	13.48	16.62	-3.14	16.00	-2.52	16.45	-2.97	13.98	-0.50	15.02	-1.54	13.22	0.26	12.81	0.67
RW19-PZM050	12.99	14.52	-1.53	14.07	-1.08	13.82	-0.83	13.35	-0.36	12.91	0.08	12.63	0.36	12.54	0.45
RW19-PZP003	13.49	9.15	4.34	9.25	4.24	10.72	2.77	9.73	3.76	9.43	4.06	9.4	4.09	9.6	3.89
RW20-PZM020	13.47	16.7	-3.23	15.97	-2.50	16.28	-2.81	13.76	-0.29	14.78	-1.31	14.11	-0.64	12.9	0.57

Table A-2
Synoptic Groundwater-Level Measurements

		March 19, 2002		December 18, 2001		November 20, 2001		October 16, 2001		September 18, 2001		August 21, 2001		July 24, 2001	
Well	Reference Elevation (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)
RW20-PZM050	13.03	15.72	-2.69	14.70	-1.67	15.24	-2.21	13.22	-0.19	13.81	-0.78	12.62	0.41	12.22	0.81
RW20-PZP000	12.82	4.95	7.87	4.95	7.87	6.74	6.08	8.22	4.60	5.28	7.54	5.6	7.22	5.8	7.02
RW21-PZM023	12.91	15.75	-2.84	15.15	-2.24	15.52	-2.61	13.43	-0.52	14.94	-2.03	NM	NM	NM	NM
RW-RW89	11.29	NM	NM	NM	NM	NM	NM	NM	NM	6.59	4.70	6.41	4.88	6.13	5.16
RW-RW90	11.16	NM	NM	NM	NM	NM	NM	NM	NM	6.43	4.73	5.99	5.17	5.5	5.66
RW-RW93	12.82	NM	NM	NM	NM	NM	NM	NM	NM	7.77	5.05	7.34	5.48	6.93	5.89
RW-RW95	12.65	NM	NM	NM	NM	NM	NM	NM	NM	8.37	4.28	8.71	3.94	7.35	5.30
RW-RW97	12.99	NM	NM	NM	NM	NM	NM	NM	NM	8.19	4.80	8.01	4.98	7.51	5.48
RW-RWBW-20	15.94	NM	NM	NM	NM	NM	NM	NM	NM	15.23	0.71	NM	NM	15.12	0.82
RW-RWBW-21	15.10	NM	NM	NM	NM	NM	NM	NM	NM	15.38	-0.28	NM	NM	13.51	1.59
SG01-PDP000	18.40	13.6	4.80	13.79	4.61	13.75	4.65	13.46	4.94	13.35	5.05	13.4	5.00	13.24	5.16
SG01-PPM004	10.58	7.78	2.80	8.95	1.63	8.96	1.62	8.91	1.67	8.95	1.63	8.89	1.69	8.37	2.21
SG01-SW	4.42	2	2.42	3.90	0.52	3.4	1.02	3.42	1.00	3.16	1.26	3	1.42	2.83	1.59
SG03-PDM007	13.48	6.81	6.67	6.67	6.81	7.43	6.05	4.10	9.38	6.82	6.66	6.66	6.82	6.55	6.93
SG03-PPM012	12.19	3.78	8.41	5.00	7.19	5.77	6.42	5.45	6.74	5.25	6.94	3.27	8.92	3.51	8.68
SG03-SW	10.16	2	8.16	3.90	6.26	3.4	6.76	3.33	6.83	3.16	7.00	3	7.16	3.09	7.07
SG04-PDM008	7.40	5.16	2.24	6.13	1.27	5.43	1.97	5.12	2.28	5.23	2.17	5.77	1.63	6	1.40
SG04-PPM011	11.44	8.8	2.64	8.54	2.90	8.77	2.67	8.70	2.74	8.64	2.80	8.85	2.59	19.16	-7.72
SG04-SW	9.66	2	7.66	3.90	5.76	3.4	6.26	3.33	6.33	3.16	6.50	3	6.66	3.09	6.57
SG05-PDM004	8.93	5.21	3.72	5.23	3.70	5.71	3.22	5.53	3.40	5.51	3.42	5.47	3.46	5.25	3.68
SG05-PPM006	9.90	6.32	3.58	6.60	3.30	7.12	2.78	6.89	3.01	6.83	3.07	7.05	2.85	7.02	2.88
SG05-SW	4.48	3.6	0.88	0.99	3.49	1.95	2.53	0.25	4.23	1.25	3.23	1.42	3.06	1.5	2.98
SG06-PDM001	12.26	8.62	3.64	5.61	6.65	9.5	2.76	9.22	3.04	9.21	3.05	9.25	3.01	9.29	2.97
SG06-PPM004	14.08	10.57	3.51	10.87	3.21	11.4	2.68	11.16	2.92	11.27	2.81	11.35	2.73	11.35	2.73
SG06-SW	4.33	NM	NM	0.60	3.73	NM	NM	NM	NM	NM	NM	1.32	3.01	1.2	3.13
SG07-PDM008	17.95	18.09	-0.14	17.55	0.40	17.76	0.19	17.17	0.78	17.07	0.88	17.62	0.33	17.26	0.69
SG07-PPM008	11.74	12.78	-1.04	12.41	-0.67	NM	NM	NM	NM	10.25	1.49	12.42	-0.68	11.94	-0.20
SG07-PZM007	14.70	14.81	-0.11	14.40	0.30	14.57	0.13	13.82	0.88	13.81	0.89	14.47	0.23	14.02	0.68
SG07-SW	2.71	NM	NM	NM	NM	NM	NM	NM	NM	1.4	1.31	3	-0.29	2.67	0.04
SW01-PZM004	24.00	19	5.00	NM	NM	NM	NM	22.00	2.00	NM	NM	NM	NM	NM	NM
SW01-PZM030	24.20	24.33	-0.13	NM	NM	NM	NM	24.02	0.18	NM	NM	NM	NM	NM	NM
SW02-PZM000	17.73	12.55	5.18	NM	NM	14.03	3.70	13.27	4.46	12.91	4.82	12.74	4.99	12.35	5.38
SW02-PZM049	17.58	15.02	2.56	17.52	0.06	17.8	-0.22	17.38	0.20	17.22	0.36	17.24	0.34	16.75	0.83
SW03-PZM003	14.55	7.59	6.96	NM	NM	NM	NM	NM	NM	7.56	6.99	7.66	6.89	7.6	6.95
SW03-PZM060	14.93	15.8	-0.87	NM	NM	NM	NM	NM	NM	15.51	-0.58	15.66	-0.73	15.15	-0.22
SW04-PZM001	11.93	3.12	8.81	3.62	8.31	4.36	7.57	3.75	8.18	3.4	8.53	3.22	8.71	NM	NM
SW04-PZM030	11.94	13.3	-1.36	12.44	-0.50	12.76	-0.82	12.43	-0.49	12.25	-0.31	12.49	-0.55	12.29	-0.35
SW04-PZM056	12.05	13.3	-1.25	12.70	-0.65	12.96	-0.91	12.27	-0.22	12.44	-0.39	12.69	-0.64	12.37	-0.32
SW05-PZM004	16.50	11.29	5.21	11.61	4.89	12.47	4.03	12.12	4.38	11.91	4.59	11.85	4.65	11.55	4.95
SW05-PZM039	18.14	18.02	0.12	17.23	0.91	17.48	0.66	17.30	0.84	17.21	0.93	17.17	0.97	16.93	1.21
SW06-PZM001	17.51	9.57	7.94	11.61	5.90	NM	NM	12.09	5.42	11.95	5.56	11.78	5.73	11.1	6.41
SW06-PZM053	17.44	18.94	-1.50	18.65	-1.21	NM	NM	18.18	-0.74	NM	NM	NM	NM	NM	NM
SW07-PZM004	14.58	12.62	1.96	12.45	2.13	12.66	1.92	12.34	2.24	12.12	2.46	12.38	2.20	12.36	2.22
SW07-PZM108	14.71	17.02	-2.31	16.55	-1.84	16.8	-2.09	16.02	-1.31	16.87	-2.16	16.25	-1.54	15.87	-1.16
SW08-PZM003	8.69	2.22	6.47	2.09	6.60	2.55	6.14	1.71	6.98	1.71	6.98	2.1	6.59	2.49	6.20
SW08-PZM053	8.50	9.36	-0.86	8.66	-0.16	9.3	-0.80	8.98	-0.48	8.99	-0.49	9.38	-0.88	8.9	-0.40

Table A-2
Synoptic Groundwater-Level Measurements

		March 19, 2002		December 18, 2001		November 20, 2001		October 16, 2001		September 18, 2001		August 21, 2001		July 24, 2001	
Well	Reference Elevation (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)
SW09-PZM004	13.21	4.57	8.64	7.11	6.10	8.62	4.59	8.02	5.19	5.67	7.54	7.96	5.25	7.39	5.82
SW09-PZM028	13.14	9.34	3.80	9.54	3.60	9.47	3.67	9.33	3.81	9.45	3.69	9.38	3.76	9.27	3.87
SW09-PZM068	13.36	3.38	9.98	13.41	-0.05	13.38	-0.02	13.24	0.12	13.27	0.09	13.17	0.19	13.11	0.25
SW10-PZM012	7.82	6.38	1.44	8.67	-0.85	9.76	-1.94	9.79	-1.97	9.4	-1.58	9.32	-1.50	8.25	-0.43
SW10-PZM085	7.69	8.65	-0.96	8.56	-0.87	8.34	-0.65	8.32	-0.63	8.31	-0.62	8.24	-0.55	8.23	-0.54
SW11-PZM005	10.79	4.68	6.11	3.90	6.89	NM	NM	NM	NM	NM	NM	3.8	6.99	3.99	6.80
SW11-PZM092	11.94	3.91	8.03	12.32	-0.38	12.61	-0.67	11.91	0.03	12.01	-0.07	12.19	-0.25	11.81	0.13
SW12-PZM100	17.94	19.14	-1.20	19.50	-1.56	19.82	-1.88	19.30	-1.36	19.12	-1.18	18.51	-0.57	19.19	-1.25
SW12-PZP001	18.34	11.44	6.90	11.22	7.12	11.38	6.96	11.41	6.93	11.2	7.14	11.29	7.05	11.31	7.03
SW13-PZM003	12.87	6.7	6.17	6.61	6.26	12.14	0.73	6.91	5.96	7.61	5.26	7.12	5.75	7.8	5.07
SW13-PZM025	13.30	16.16	-2.86	15.38	-2.08	15.71	-2.41	NM	NM	14.47	-1.17	14.84	-1.54	14.75	-1.45
SW13-PZM111	13.31	15.11	-1.80	14.35	-1.04	14.75	-1.44	14.17	-0.86	14.1	-0.79	14.46	-1.15	14.02	-0.71
SW14-PZM004	13.87	6.95	6.92	6.32	7.55	6.56	7.31	6.52	7.35	6.39	7.48	6.09	7.78	6.38	7.49
SW14-PZM099	13.67	16.16	-2.49	15.41	-1.74	15.82	-2.15	15.21	-1.54	15.06	-1.39	15.46	-1.79	15.07	-1.40
SW-15-PZM005	14.84	5.36	9.48	5.53	9.31	5.82	9.02	5.66	9.18	5.67	9.17	5.62	9.22	5.68	9.16
SW-15-PZM031	15.03	13.96	1.07	13.34	1.69	13.84	1.19	13.38	1.65	9.45	5.58	13.51	1.52	14.05	0.98
SW-15-PZM085	14.33	16.77	-2.44	16.09	-1.76	16.34	-2.01	15.83	-1.50	13.27	1.06	16.08	-1.75	16.02	-1.69
SW16-PZM003	15.08	5.41	9.67	5.34	9.74	6.5	8.58	5.85	9.23	5.64	9.44	5.96	9.12	5.94	9.14
SW16-PZM067	15.42	17.89	-2.47	17.24	-1.82	17.54	-2.12	17.07	-1.65	17.02	-1.60	17.17	-1.75	16.89	-1.47
SW17-PZM007	13.28	13.69	-0.41	13.11	0.17	13.3	-0.02	12.97	0.31	12.91	0.37	13.11	0.17	13.12	0.16
SW17-PZM038	13.27	14.44	-1.17	13.73	-0.46	14	-0.73	13.11	0.16	13.88	-0.61	13.87	-0.60	14.29	-1.02
SW17-PZM113	13.48	16.12	-2.64	15.62	-2.14	15.93	-2.45	14.92	-1.44	15.14	-1.66	15.53	-2.05	16.01	-2.53
SW18-PZM008	13.36	NM	NM	13.12	0.24	NM	NM	12.66	0.70	12.16	1.20	NM	NM	12.7	0.66
SW18-PZM053	13.62	NM	NM	13.95	-0.33	NM	NM	13.68	-0.06	13.44	0.18	NM	NM	13.81	-0.19
SW18-PZM114	13.56	NM	NM	13.58	-0.02	NM	NM	13.02	0.54	12.75	0.81	NM	NM	13.23	0.33
SW19-PZM007	24.32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SW19-PZM032	24.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SW20-PZM006	10.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SW20-PZM041	10.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
TM02-PZM009	10.49	11.04	-0.55	11.00	-0.51	11.09	-0.60	11.00	-0.51	11.02	-0.53	11.02	-0.53	10.98	-0.49
TM02-PZM028	10.43	10.92	-0.49	10.95	-0.52	11.03	-0.60	10.94	-0.51	10.94	-0.51	10.95	-0.52	10.91	-0.48
TM02-PZM062	11.02	11.92	-0.90	11.82	-0.80	11.2	-0.18	11.62	-0.60	NM	NM	NM	NM	NM	NM
TM03-PZM004	12.96	12.31	0.65	12.36	0.60	12.25	0.71	11.87	1.09	NM	NM	NM	NM	NM	NM
TM03-PZM037	12.88	14.54	-1.66	13.94	-1.06	13.85	-0.97	13.79	-0.91	NM	NM	NM	NM	NM	NM
TM04-PZM006	12.06	12.96	-0.90	12.92	-0.86	12.98	-0.92	12.87	-0.81	12.97	-0.91	12.91	-0.85	12.95	-0.89
TM04-PZM028	11.91	12.05	-0.14	11.95	-0.04	12.03	-0.12	11.95	-0.04	11.94	-0.03	11.98	-0.07	12.01	-0.10
TM04-PZM056	13.71	15.26	-1.55	14.65	-0.94	14.43	-0.72	14.43	-0.72	NM	NM	NM	NM	NM	NM
TM05-PZM005	13.44	12.09	1.35	12.04	1.40	14.15	-0.71	11.47	1.97	11.52	1.92	11.52	1.92	11.57	1.87
TM05-PZM069	13.99	15.82	-1.83	15.13	-1.14	15.56	-1.57	15.04	-1.05	14.9	-0.91	15.1	-1.11	14.83	-0.84
TM06-PZM008	13.75	13.94	-0.19	13.94	-0.19	13.97	-0.22	13.95	-0.20	13.94	-0.19	13.99	-0.24	14	-0.25
TM06-PZM034	13.63	14.94	-1.31	14.74	-1.11	15.02	-1.39	14.42	-0.79	NM	NM	NM	NM	NM	NM
TM07-PZM005	14.88	13.87	1.01	13.82	1.06	13.99	0.89	13.62	1.26	13.64	1.24	13.74	1.14	13.72	1.16
TM07-PZM045	14.59	15.51	-0.92	14.86	-0.27	15.02	-0.43	14.73	-0.14	14.58	0.01	14.75	-0.16	14.45	0.14
TM08-PZM007	9.75	9.84	-0.09	9.82	-0.07	9.85	-0.10	7.44	2.31	NM	NM	NM	NM	NM	NM
TM08-PZM038	9.76	11.5	-1.74	NM	NM	10.78	-1.02	10.68	-0.92	NM	NM	NM	NM	NM	NM
TM09-PZM007	11.28	11.24	0.04	11.29	-0.01	11.28	0.00	11.19	0.09	NM	NM	NM	NM	NM	NM

Table A-2
Synoptic Groundwater-Level Measurements

		March 19, 2002		December 18, 2001		November 20, 2001		October 16, 2001		September 18, 2001		August 21, 2001		July 24, 2001	
Well	Reference Elevation (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)	Measured Depth to Water (Feet)	Water Level (Feet MSL)
TM09-PZM047	11.38	12.84	-1.46	12.21	-0.83	12.3	-0.92	12.13	-0.75	NM	NM	NM	NM	NM	NM
TM10-PZM007	11.30	10.82	0.48	10.92	0.38	10.98	0.32	10.99	0.31	NM	NM	NM	NM	NM	NM
TM11-PZM007	10.83	10.45	0.38	10.46	0.37	10.51	0.32	10.52	0.31	NM	NM	NM	NM	NM	NM
TM11-PZM034	11.01	12.14	-1.13	11.62	-0.61	11.85	-0.84	11.37	-0.36	NM	NM	NM	NM	NM	NM
TM12-PZM006	12.41	11.29	1.12	11.38	1.03	11.63	0.78	8.69	3.72	NM	NM	NM	NM	NM	NM
TM13-PZM007	12.57	11.46	1.11	11.65	0.92	13.02	-0.45	12.62	-0.05	NM	NM	NM	NM	NM	NM
TM13-PZM046	12.34	13.38	-1.04	12.79	-0.45	11.81	0.53	11.98	0.36	NM	NM	NM	NM	NM	NM
TM14-PZM005	10.31	8.68	1.63	8.71	1.60	8.9	1.41	11.52	-1.21	8.75	1.56	8.69	1.62	8.82	1.49
TM15-PZM007	10.60	9.04	1.56	9.01	1.59	9.15	1.45	9.12	1.48	9.1	1.50	9.01	1.59	9.22	1.38
TM15-PZM011	10.10	8.52	1.58	8.49	1.61	8.61	1.49	8.51	1.59	8.37	1.73	8.49	1.61	8.62	1.48
TM15-PZM031	11.04	9.33	1.71	8.14	2.90	8.05	2.99	9.27	1.77	9.18	1.86	9.19	1.85	9.14	1.90
TM15-PZM065	11.35	12.37	-1.02	11.75	-0.40	12.03	-0.68	11.62	-0.27	11.57	-0.22	11.77	-0.42	11.45	-0.10
TM16-PZM007	11.96	9.89	2.07	9.92	2.04	10.05	1.91	9.50	2.46	11.09	0.87	NM	NM	NM	NM
TM17-PZM005	11.32	7.9	3.42	8.40	2.92	8.1	3.22	10.02	1.30	12.91	-1.59	NM	NM	NM	NM
TM18-PZM005	11.27	7.97	3.30	8.16	3.11	8.61	2.66	8.39	2.88	13.88	-2.61	NM	NM	NM	NM
TS01-PDM007	20.14	19.82	0.32	19.57	0.57	19.64	0.50	19.75	0.39	18.22	1.92	20.13	0.01	19.43	0.71
TS01-PPM010	18.06	18.11	-0.05	18.18	-0.12	18.15	-0.09	17.33	0.73	17.6	0.46	18	0.06	17.81	0.25
TS02-PDM010	12.44	13.84	-1.40	13.50	-1.06	13.41	-0.97	13.23	-0.79	12.37	0.07	13.41	-0.97	13.53	-1.09
TS02-PPM009	16.19	15.75	0.44	16.93	-0.74	16.5	-0.31	16.51	-0.32	15.9	0.29	16.34	-0.15	17.2	-1.01
TS03-PDP002	13.53	14.48	-0.95	14.25	-0.72	14.3	-0.77	13.68	-0.15	13.51	0.02	13.81	-0.28	13.67	-0.14
TS03-PPP003	14.61	15.73	-1.12	15.28	-0.67	15.5	-0.89	14.78	-0.17	14.61	0.00	15.32	-0.71	14.62	-0.01
TS04-PDM004	13.71	11.8	1.91	11.80	1.91	11.62	2.09	10.50	3.21	11.26	2.45	11.92	1.79	11.25	2.46
TS04-PPM007	10.22	8.88	1.34	8.72	1.50	9.94	0.28	8.85	1.37	8.74	1.48	8.98	1.24	8.33	1.89
TS04-PZM023	12.44	12.88	-0.44	12.28	0.16	12.74	-0.30	NM	NM	15.14	-2.70	NM	NM	NM	NM
TS05-PDM004	11.26	NM	NM	NM	NM	10.09	1.17	9.73	1.53	9.08	2.18	9.98	1.28	9.82	1.44
TS05-PPM007	10.38	10.19	0.19	9.78	0.60	NM	NM	9.32	1.06	9.16	1.22	9.37	1.01	9.41	0.97
TS06-PDM004	13.73	14.08	-0.35	13.52	0.21	13.65	0.08	13.07	0.66	12.55	1.18	12.98	0.75	13.69	0.04
TS06-PPM008	13.21	13.73	-0.52	13.00	0.21	13.18	0.03	12.52	0.69	12.16	1.05	12.6	0.61	12.61	0.60
TS07-PDM007	11.42	12.61	-1.19	10.36	1.06	10.55	0.87	9.76	1.66	9.67	1.75	10.17	1.25	10.07	1.35
TS07-PPM005	10.41	10.91	-0.50	11.26	-0.85	11.5	-1.09	10.72	-0.31	10.57	-0.16	11.91	-1.50	11.1	-0.69
TS08-PPM007	12.59	12.76	-0.17	12.35	0.24	12.61	-0.02	11.82	0.77	11.13	1.46	11.02	1.57	12.16	0.43
TS09-PDM008	8.68	7.72	0.96	7.87	0.81	8.5	0.18	8.03	0.65	7.84	0.84	7.92	0.76	7.61	1.07
TS09-PPM018	11.25	10.1	1.15	10.61	0.64	11.27	-0.02	10.83	0.42	10.61	0.64	10.91	0.34	10.52	0.73
TS10-PDM008	6.76	6.11	0.65	5.95	0.81	5.8	0.96	5.79	0.97	5.78	0.98	6.04	0.72	5.8	0.96
TS10-PPM005	8.68	8.76	-0.08	8.11	0.57	8.46	0.22	7.64	1.04	7.75	0.93	8.46	0.22	7.82	0.86

Notes:
NM = Not measured.

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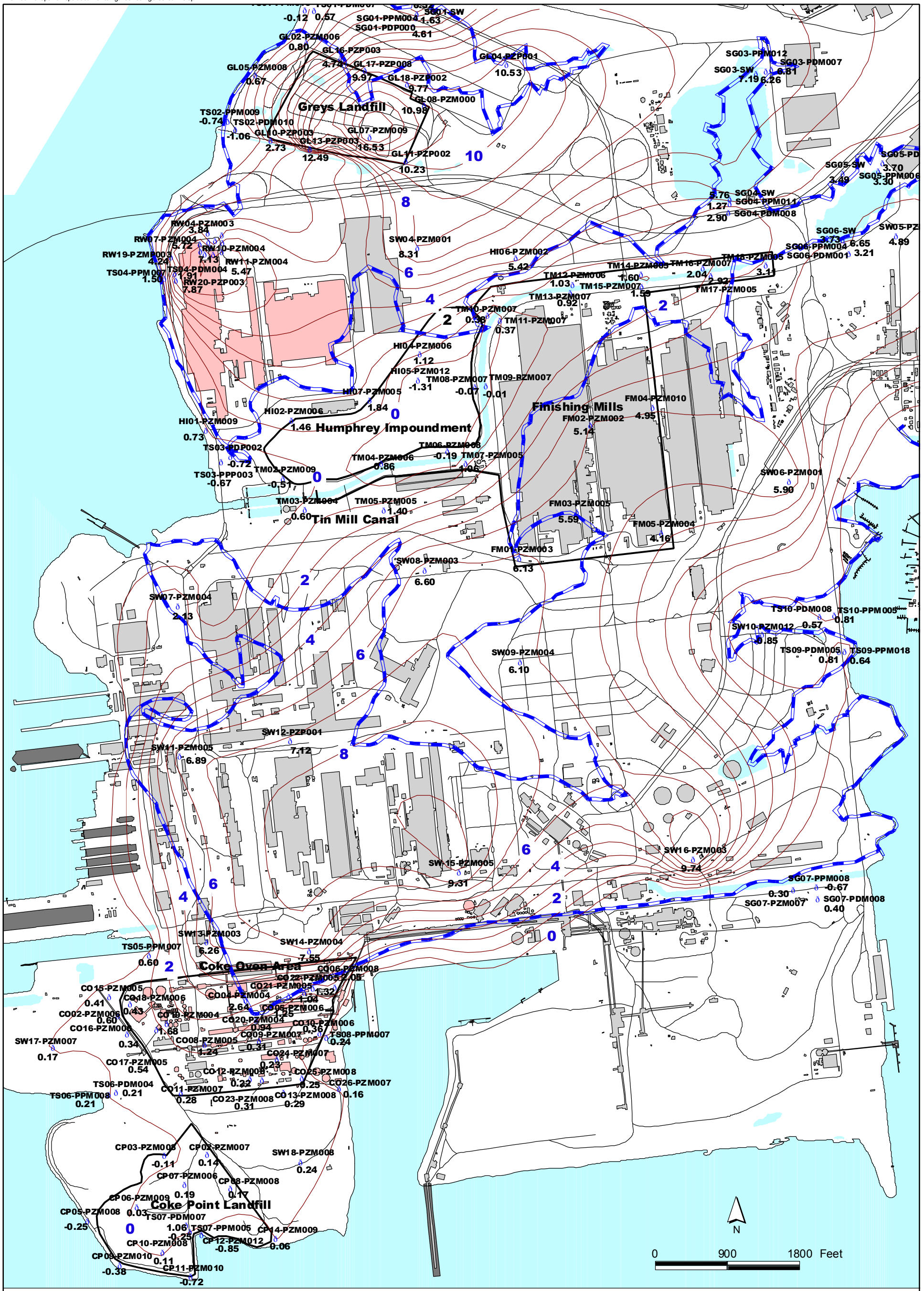


LEGEND

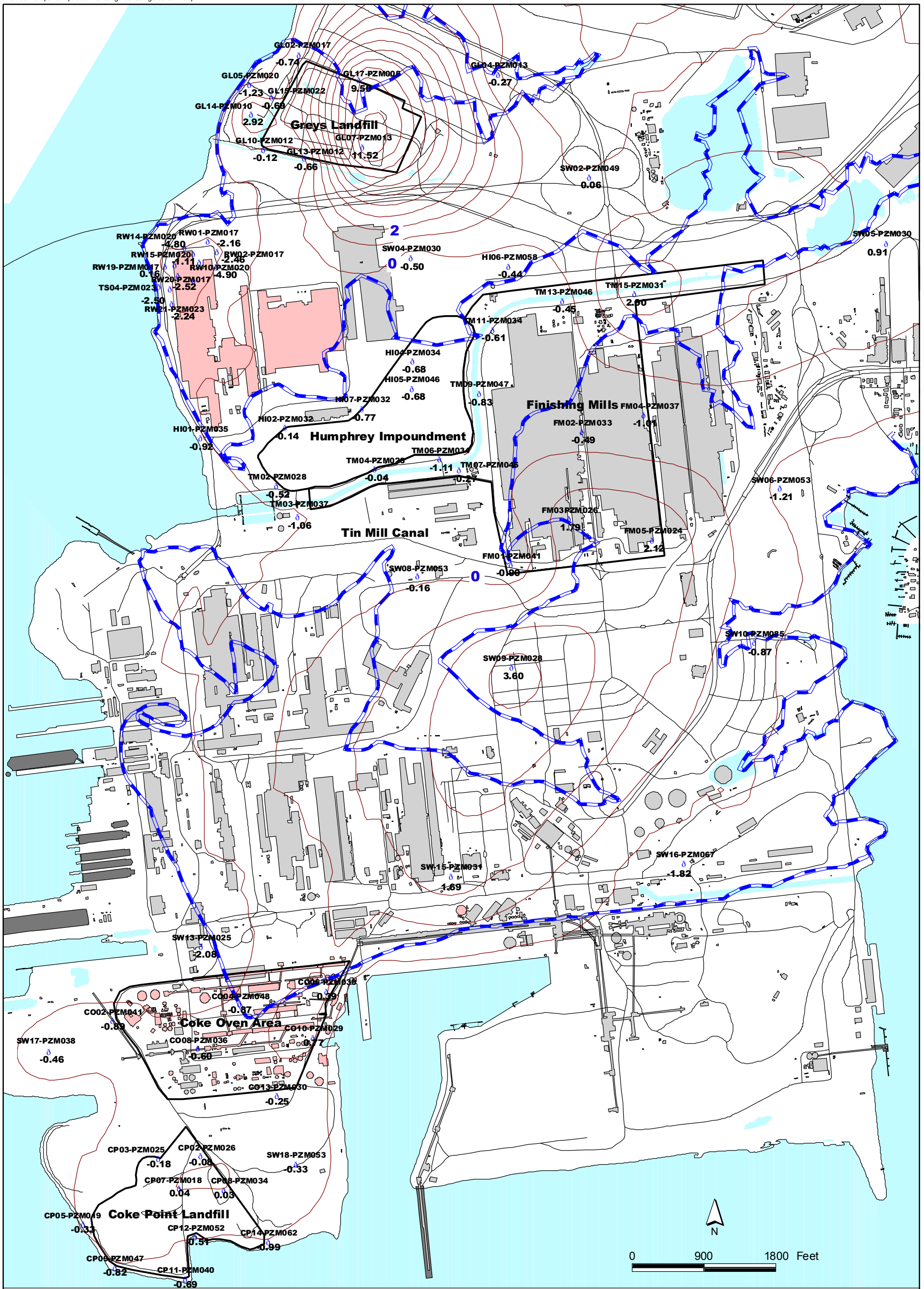
- Water Table Piezometer
- Water Level Contour (1 Ft. Contour Interval)
- Special Study Area
- Water Body
- Dam/Pier/Boat Ramp/Dry Dock
- Existing Buildings
- Demolished Buildings
- Original 1917 Shore Line
- Roads
- Railroads

Note: Surface elevation of Bear Creek, Patapsco River, Old Road Bay, and Jones Creek is -1.25 feet NAVD

Figure A-1
Water Level Elevations - December 18, 2001, Water Table
Site Wide
Release Site Characterization
Bethlehem Steel Corporation - Sparrows Point Facility

CH2MHILL

File Path: c:\sparrowspt\documents\figures\rsc-figures-cdrive.apr



LEGEND

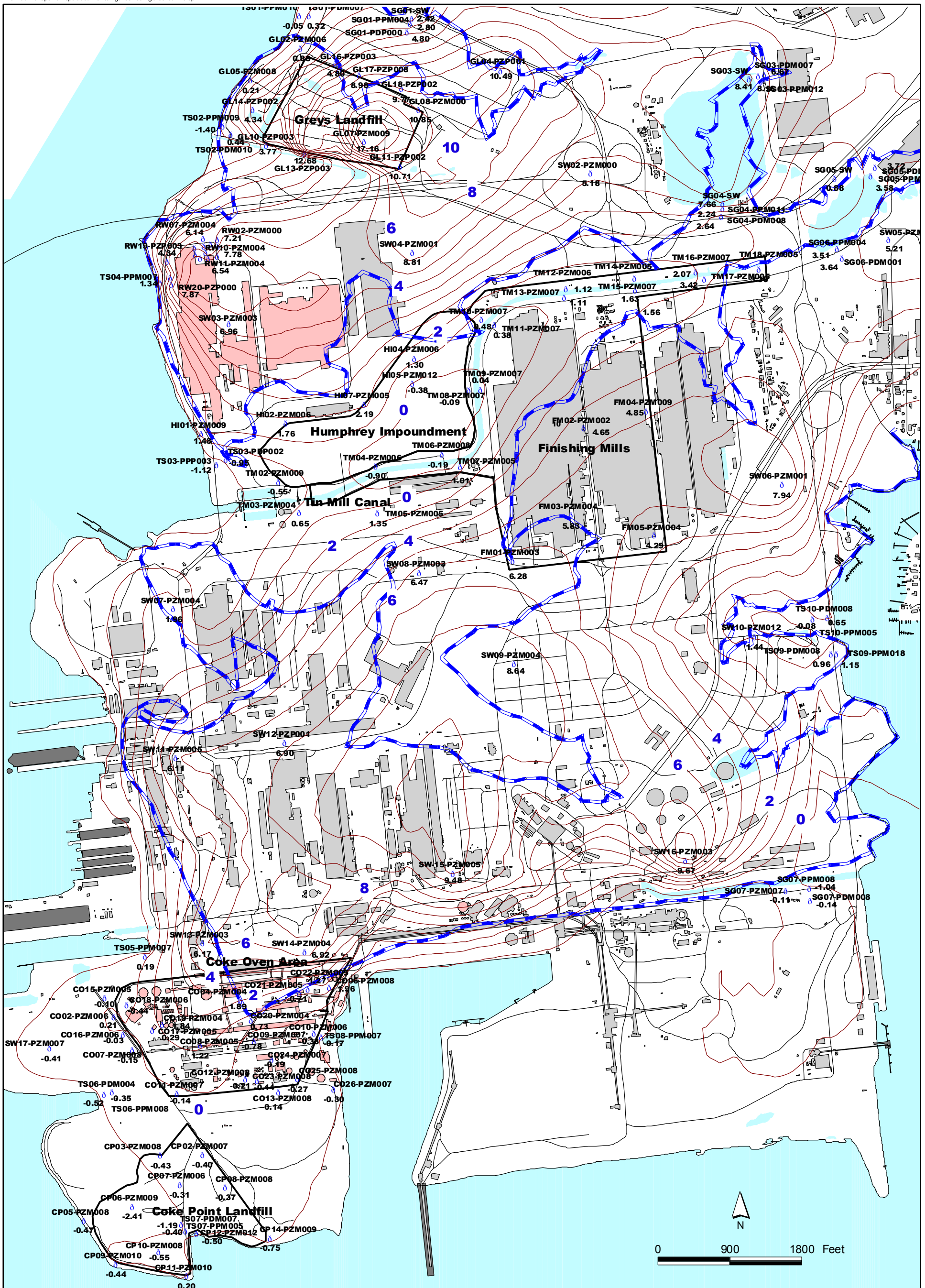
- Deeper Sand Piezometer
- Deeper Sand Water Level Contour (1 Ft. Contour Interval)
- Special Study Area
- Water Body
- Dam/Pier/Boat Ramp/Dry Dock
- Existing Buildings
- Demolished Buildings
- Original 1917 Shore Line
- Roads
- Railroads

Note: Surface elevation of Bear Creek, Patapsco River, Old Road Bay, and Jones Creek is -1.25 feet NAVD

Figure A-2
Water Level Elevations - December 18, 2001, Deeper Sand
Site Wide
Release Site Characterization
Bethlehem Steel Corporation - Sparrows Point Facility

CH2MHILL

File Path: c:\sparrowspt\documents\figures\rsc-figures-cdrive.apr



LEGEND

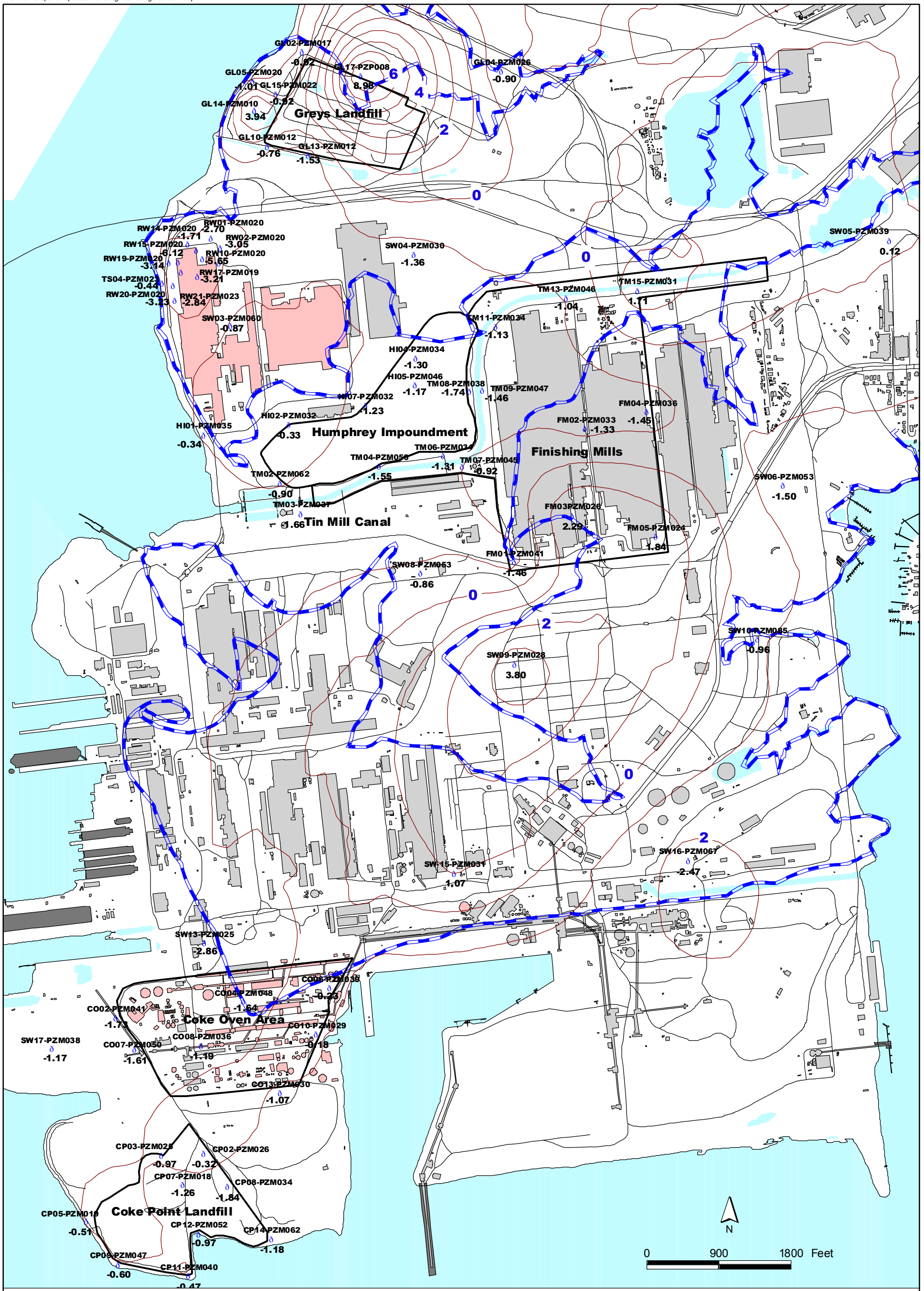
- Water Table Piezometer
- Water Level Contour (1 Ft. Contour Interval)
- Special Study Area
- Water Body
- Dam/Pier/Boat Ramp/Dry Dock
- Existing Buildings
- Demolished Buildings
- Original 1917 Shore Line
- Roads
- Railroads

Note: Surface elevation of Bear Creek, Patapsco River, Old Road Bay, and Jones Creek is -1.25 feet NAVD

Figure A-3
Water Level Elevations - March 19, 2002, Water Table
Site Wide
Release Site Characterization
Bethlehem Steel Corporation - Sparrows Point Facility

CH2MHILL

File Path: c:\sparrowspt\documents\figures\rsc-figures-cdrive.apr



LEGEND

- Deeper Sand Piezometer
- Deeper Sand Water Level Contour (1 Ft. Contour Interval)
- Special Study Area
- Water Body
- Dam/Pier/Boat Ramp/Dry Dock
- Existing Buildings
- Demolished Buildings
- Original 1917 Shore Line
- Roads
- Railroads

Note: Surface elevation of Bear Creek, Patapsco River, Old Road Bay, and Jones Creek is -1.25 feet NAVD

Figure A-4
Water Level Elevations - March 19, 2002, Deeper Sand
Site Wide
Release Site Characterization
Bethlehem Steel Corporation - Sparrows Point Facility

CH2MHILL

Appendix B
Dissipation Test Results

Table B-1
Inventory of Character and Usability of Dissipation Tests

Boring	Test Depth		Material Type	Test Character	Test Usability	
	(m)	(ft)			Usable?	Adjustments
FM01	8.66	28.40	Sensitive fine grained	Steady decline	Yes	None
	14.36	47.10	Silty sand to sandy silt	Goes up, then slightly down	No	
	15.36	50.40	Sand above	Starts negative and goes up	No	
FM03	11.31	37.10	Clay	Steady decline	Yes	None
	12.71	41.70	Clay	Steady decline	Yes	None
	19.51	64.00	Silty sand to sandy silt	Starts negative and goes up	No	
FM05	9.36	30.70	Silty sand to sandy silt	Quick, short rise then stabilizes	No	
	10.39	34.10	Silty clay to clay	Steady decline	Yes	None
	11.34	37.20	Silty clay to clay	Steady decline	Yes	None
GL01	10.45	34.30	Sensitive fine grained	Steady decline	No*	
	13.44	44.10	Sand	Starts negative and goes up	No	
	15.85	52.00	Very stiff fine grained	Steady rise	No	
GL02	10.21	33.50	Sand to silty sand	Starts negative and goes up	No	
GL03	11.25	36.90	Silty sand to sandy silt above	Starts negative and goes up	No	
GL08	6.95	22.80	Clayey silt to silty clay	Steady decline	Yes	None
	10.70	35.10	Sandy silt to clayey silt	Steady decline	Yes	None
	12.74	41.80	Sand	Starts negative and goes up	No	
GL09	9.66	31.70	Silty clay to clay	Steady decline	Yes	None
	12.89	42.30	Sand to silty sand	Starts negative then increases and stabilizes quickly	No	
GL10	6.31	20.70	Silty clay to clay	Steady decline	Yes	None
GL11	10.61	34.80	Clayey silt to silty clay	Steady decline	Yes	None
	21.21	69.60	Sand above	No significant change	No	
GL12	11.40	37.40	Clayey silt to silty clay	Steady decline	Yes	None
	14.11	46.30	Sand above	Steady rise	No	
HI02	11.61	38.10	Silty sand to sandy silt	Starts negative and goes up	No	
	17.04	55.90	Sand to silty sand	Slight rise with no significant change	No	
	21.79	71.50	Sand above	Slight rise with no significant change	No	
HI04	7.44	24.40	Clayey silt to silty clay	Starts negative and goes up	No	
	9.91	32.50	Clayey silt to silty clay	Steady rise	No	
TM02	11.55	37.90	Clayey silt to silty clay	Steady rise with slight decline	No	
	12.40	40.70	Clayey silt to silty clay	Steady decline	Yes	None
	16.34	53.60	Clayey silt to silty clay	Steady decline	Yes	None

Table B-1
Inventory of Character and Usability of Dissipation Tests

Boring	Test Depth		Material Type	Test Character	Test Usability	
	(m)	(ft)			Usable?	Adjustments
TM03	10.91	35.80	Silty clay to clay	Steady decline	Yes	None
TM04	11.19	36.70	Clay	Slight rise, decline, then rise	No	
	15.64	51.30	Silty clay to clay	Steady decline	Yes	None
	21.40	70.20	Sand	Quick rise then stabilizes	No	
TM06	7.86	25.80	Clayey silt to silty clay	Steady rise, then not as much decline	No	
	11.46	37.60	Clayey silt to silty clay	Steady decline	Yes	None
	19.38	63.60	Sandy silt to clayey silt	Steady, quick decline	Yes	None
TM07	8.59	28.20	Sensitive fine grained	Steady rise then stabilizes	No	
	12.25	40.20	Sandy silt to clayey silt	Steady rise, stabilizes, and then declines	No	
	12.89	42.30	Sandy silt to clayey silt	Steady decline	Yes	None
TM08	10.09	33.10	Silty clay to clay	No significant change	No	
	17.40	57.10	Sandy silt to clayey silt	Slight rise then steady decline	No	
	19.45	63.80	Sandy silt to clayey silt	Steady decline	Yes	None
TM09	10.85	35.60	Silty sand to sandy silt	Steady rise	No	
	14.84	48.70	Sandy silt to clayey silt	Steady rise	No	
TM11	7.35	24.10	Sensitive fine grained	Steady decline	Yes	None
TM13	10.55	34.60	Organic material	Steady decline	Yes	None
	15.06	49.40	Sand to silty sand	Starts negative and goes up	No	

Note * The test for GL01 (34.3 ft) was not used due to the uncertainty of the materials encountered

Table B-2
Dissipation-Test Results for Fine-Grained Materials

Borehole Identification and Depth (ft)	Soil Description	A_f	I_R	R (in)	T	du_t/du_0	*t* (sec)	C_h	C_v	K_h/K_v	K_v/K_h	q_c (psi)	*w* (pci)	Alpha	M (psi)	Horizontal Hydraulic Conductivity (K_h)			Vertical Hydraulic Conductivity (K_v)		
																in/sec	ft/day	cm/sec	in/sec	ft/day	cm/sec
GL10																					
20.7	Silty clay to clay	0.8	100	0.7	3	0.58	1150	0.00128	0.00107	1.2	0.83333	111.2	0.0361	4	444.8	1.0E-07	7.5E-04	2.6E-07	8.6E-08	6.2E-04	2.2E-07
GL08																					
22.8	Clayey silt to silty clay	0.8	100	0.7	0.42	0.8	385	0.00053	0.00018	3	0.33333	166.8	0.0361	4	667.2	2.9E-08	2.1E-04	7.3E-08	9.6E-09	6.9E-05	2.4E-08
TM11																					
24.1	Sensitive fine grained	0.8	100	0.7	0.42	0.8	650	0.00032	0.00026	1.2	0.83333	97.3	0.0361	4	389.2	2.9E-08	2.1E-04	7.5E-08	2.4E-08	1.8E-04	6.2E-08
FM01																					
28.4	Sensitive fine grained	0.8	100	0.7	0.42	0.8	260	0.00079	0.00026	3	0.33333	83.4	0.0361	4	333.6	8.6E-08	6.2E-04	2.2E-07	2.9E-08	2.1E-04	7.3E-08
GL09																					
31.7	Silty clay to clay	0.8	100	0.7	0.42	0.8	725	0.00028	0.00009	3	0.33333	97.3	0.0361	4	389.2	2.6E-08	1.9E-04	6.7E-08	8.8E-09	6.3E-05	2.2E-08
FM05																					
34.1	Silty clay to clay	0.8	100	0.7	0.42	0.8	310	0.00066	0.00022	3	0.33333	111.2	0.0361	4	444.8	5.4E-08	3.9E-04	1.4E-07	1.8E-08	1.3E-04	4.6E-08
GL01																					
34.3	Sensitive fine grained	0.8	100	0.7	3	0.58	80	0.01838	0.00613	3	0.33333	41.7	0.0361	4	166.8	4.0E-06	2.9E-02	1.0E-05	1.3E-06	9.5E-03	3.4E-06
TM13																					
34.6	Organic material	0.8	100	0.7	3	0.58	700	0.00210	0.00070	3	0.33333	55.6	0.0361	4	222.4	3.4E-07	2.5E-03	8.7E-07	1.1E-07	8.2E-04	2.9E-07
GL11																					
34.8	Clayey silt to silty clay	0.8	100	0.7	0.42	0.8	450	0.00046	0.00015	3	0.33333	139	0.0361	4	556	3.0E-08	2.1E-04	7.5E-08	9.9E-09	7.1E-05	2.5E-08
GL08																					
35.1	Sandy silt to clayey silt	0.8	100	0.7	0.42	0.8	170	0.00121	0.00040	3	0.33333	152.9	0.0361	4	611.6	7.1E-08	5.1E-04	1.8E-07	2.4E-08	1.7E-04	6.0E-08
TM03																					
35.8	Silty clay to clay	0.8	100	0.7	3	0.58	570	0.00258	0.00086	3	0.33333	139	0.0361	4	556	1.7E-07	1.2E-03	4.3E-07	5.6E-08	4.0E-04	1.4E-07
FM03																					
37.1	Clay	0.8	100	0.7	0.42	0.8	380	0.00054	0.00018	3	0.33333	111.2	0.0361	4	444.8	4.4E-08	3.2E-04	1.1E-07	1.5E-08	1.1E-04	3.7E-08
FM05																					
37.2	Silty clay to clay	0.8	100	0.7	3	0.58	385	0.00382	0.00127	3	0.33333	152.9	0.0361	4	611.6	2.3E-07	1.6E-03	5.7E-07	7.5E-08	5.4E-04	1.9E-07
GL12																					
37.4	Clayey silt to silty clay	0.8	100	0.7	0.42	0.8	340	0.00061	0.00020	3	0.33333	152.9	0.0361	4	611.6	3.6E-08	2.6E-04	9.1E-08	1.2E-08	8.6E-05	3.0E-08
TM06																					
37.6	Clayey silt to silty clay	0.8	100	0.7	3	0.58	275	0.00535	0.00178	3	0.33333	250.2	0.0361	4	1000.8	1.9E-07	1.4E-03	4.9E-07	6.4E-08	4.6E-04	1.6E-07
TM02																					
40.7	Clayey silt to silty clay	0.8	100	0.7	0.42	0.8	265	0.00078	0.00026	3	0.33333	111.2	0.0361	4	444.8	6.3E-08	4.5E-04	1.6E-07	2.1E-08	1.5E-04	5.3E-08
FM03																					
41.7	Clay	0.8	100	0.7	3	0.58	435	0.00338	0.00113	3	0.33333	152.9	0.0361	4	611.6	2.0E-07	1.4E-03	5.1E-07	6.6E-08	4.8E-04	1.7E-07
TM07																					
42.3	Sandy silt to clayey silt	0.8	100	0.7	3	0.58	440	0.00334	0.00111	3	0.33333	305.8	0.0361	4	1223.2	9.9E-08	7.1E-04	2.5E-07	3.3E-08	2.4E-04	8.3E-08
TM04																					
51.3	Silty clay to clay	0.8	100	0.7	0.42	0.8	690	0.00030	0.00010	3	0.33333	139	0.0361	4	556	1.9E-08	1.4E-04	4.9E-08	6.5E-09	4.6E-05	1.6E-08
TM02																					
53.6	Clayey silt to silty clay	0.8	100	0.7	0.42	0.8	590	0.00035	0.00012	3	0.33333	166.8	0.0361	4	667.2	1.9E-08	1.4E-04	4.8E-08	6.3E-09	4.5E-05	1.6E-08
TM06																					
63.6	Sandy silt to clayey silt	0.8	100	0.7	3	0.58	45	0.03267	0.01089	3	0.33333	667.2	0.0361	4	2668.8	4.4E-07	3.2E-03	1.1E-06	1.5E-07	1.1E-03	3.7E-07
TM08																					
63.8	Sandy silt to clayey silt	0.8	100	0.7	3	0.58	370	0.00397	0.00132	3	0.33333	973	0.0361	4	3892	3.7E-08	2.7E-04	9.4E-08	1.2E-08	8.8E-05	3.1E-08

Note
t = time until pre-specified pore-pressure dissipation was reached.

Appendix C
Full Data Validation Reports

Table 1 Samples For Data Validation Review
Sparrows Point Early Site Characterization
Severn Trent Laboratories Sample Delivery Group SPC003

				ANALYSES PERFORMED								
SAMPLE I.D.	LABORATORY	DATE	MATRIX	VCTCL	SVTCL	CPCB	COPI MET	MET	Chloride, Sulfate	BicarbonateAlkalinity	AVCN	Sulfides
CP02-PZM007-01C	C1L060328004	12/5/2001	Ground Water	X	X	X	X		X	X	X	X
CP02-PZM026-01C	C1L060328005	12/5/2001	Ground Water	X	X	X	X		X	X	X	X
CP08-PZM034-01C	C1L060328003	12/5/2001	Ground Water	X	X	X	X		X	X	X	X
CP12-PZM012-01C	C1L060328007	12/5/2001	Ground Water	X	X	X		X			X	X
CP12-PZM052-01C	C1L060328006	12/5/2001	Ground Water	X	X	X	X		X	X	X	X
CP14-PZM009-01C	C1L060328002	12/5/2001	Ground Water	X	X	X	X		X	X	X	X
CP14-PZM062-01C	C1L060328001	12/5/2001	Ground Water	X	X	X	X		X	X	X	X
EB12/04/01COPIA	C1L050251003	12/4/2001	Equipment Blank	X	X	X		X			X	X
EB12/04/01COPIB	C1L050251004	12/4/2001	Equipment Blank	X	X	X	X		X	X	X	X
FM03-PZM026-01C	C1L050251002	12/4/2001	Ground Water	X	X	X	X		X	X	X	X
HI02-PZM032-01C	C1L050251001	12/4/2001	Ground Water	X	X	X	X		X	X	X	X
TB12/03/01	C1L040205009	12/3/2001	Trip Blank	X								
TB12/04/01	C1L050251006	12/4/2001	Trip Blank	X								
TM02-PZM009-01C	C1L050251005	12/4/2001	Ground Water	X	X	X	X		X	X	X	X
TM04-PZM006-01C	C1L040205007	12/3/2001	Ground Water	X	X	X		X			X	X
TM04-PZM028-01C	C1L040205006	12/3/2001	Ground Water	X	X	X		X			X	X
TM04-PZM056-01C	C1L040205008	12/3/2001	Ground Water	X	X	X	X		X	X	X	X
TM06-PZM008-01C	C1L040205005	12/3/2001	Ground Water	X	X	X		X			X	X
TM06-PZM034-01C	C1L040205004	12/3/2001	Ground Water	X	X	X	X		X	X	X	X
TM07-PZM005-01C	C1L040205001	12/3/2001	Ground Water	X	X	X		X			X	X
TM07-PZM005-01C DUP	C1L040205002	12/3/2001	Ground Water	X	X	X		X			X	X
TM07-PZM045-01C	C1L040205003	12/3/2001	Ground Water	X	X	X		X			X	X

VCTCL	Volatile Organic Compounds
SVTCL	Semivolatile Organic Compounds
CPCB	Polychlorinated Biphenyls
COPI MET	COPI Metals
MET	Metals
AVCN	Available Cyanide

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC003
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, and polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/21/00
Date

1.0 *DATA COMPLETENESS*

A positive result of 0.31 µg/L was reported for 1,1,2-trichloroethane for sample CP02-PZM026-01C. The raw data did not indicate the presence of this compound. The laboratory was contacted and indicated that the result for this compounds was reported in error. A revised analysis result form was provided for this sample.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

The chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

5.0 *INSTRUMENT PERFORMANCE*

All criteria were met. No qualifiers were applied.

5.0 *INITIAL AND CONTINUING CALIBRATIONS*

The positive volatile results for samples presented on page 4 should be considered quantitative estimates. The continuing calibration precision criterion was exceeded for this compound. This indicates a lack of instrument stability for this compound. The results for these samples have been marked with "J" qualifiers to indicate that they are quantitative estimates.

Compound	Qualified Results
Acetone	CP14-PZM009-01C
Chloroethane	CP02-PZM007-01C, CP02-PZM026-01C, CP14-PZM062-01C, FM03-PZM026-01C, TM04-PZM006-01C, TM04-PZM028-01C, TM04-PZM056-01C, TM06-PZM008-01C, TM06-PZM034-01C, TM07-PZM005-01C, TM07-PZM005-01C DUP, TM07-PZM045-01C

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

There was no trip blank submitted with the samples shipped on 12/5/2001. Therefore, the data for associated samples could not be evaluated based on this parameter. This should be noted when assessing the data.

The positive result reported for acetone for sample TM02-PZM009-01C is qualitatively invalid due to the presence of this compound in associated trip blank. USEPA Region III protocol requires positive results for common contaminants, such as methylene chloride, that are less than or equal to ten times the associated blank contamination level, to be considered qualitatively invalid. Placing a "B" qualifier next to acetone result for this sample has indicated this.

7.0 SURROGATE COMPOUNDS

All criteria were met. No qualifiers were applied.

8.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

9.0 FIELD DUPLICATE RESULTS

Duplicate samples TM07-PZ0555-01C and TM07-PZ0555-01C were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. Results for these duplicate samples are presented in Table 2. Precision is evaluated by calculating the relative percent difference (%RPD) between duplicate results. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criteria of twenty percent for volatile detected compounds (and 25 percent for extractable compounds) to evaluate aqueous field duplicate samples.

10.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

11.0 INTERNAL STANDARD PERFORMANCE

All criteria were met. No qualifiers were applied.

12.0 *QUALITATIVE IDENTIFICATION*

The laboratory reported a positive result for dibenzofuran for sample TM06-PZM008-01C. The result was below the quantitation limit, and the mass spectrum, for this compound was very poor. The EDQ has replaced the result reported by the laboratory with the quantitation limit.

13.0 *QUANTITATION/REPORTING LIMITS*

The samples presented on page 6 were reanalyzed at dilutions for volatile or semivolatile organic compounds. The dilution analyses were performed because responses for these compounds exceeded the linear range of the GC/MS instrument. The results for the affected compounds have been reported from the diluted analysis. All other results have been reported from the initial analysis.

Sample	Fraction	Dilution Factor	Compound Reported From Dilution Analysis
CP02-PZM026-01C	VOA	2.0	Acetone
CP14-PZM062-01C	VOA	15.0	Acetone
CP12-PZM012-01C	VOA	10.0	Acetone, Benzene
TM04-PZM006-01C	VOA	50.0	Acetone
TM04-PZM006-01C	SVOA	5.0	Naphthalene
TM04-PZM028-01C	SVOA	3.0	Naphthalene

The samples presented on page 7were analyzed at dilutions. The dilution analyses were performed because of the suspected presence of high levels of target compounds and/or interferences. Quantitation limits are elevated by the dilution factor for these samples for target compounds that were not detected. The elevated quantitation limits should be noted when assessing the data for these samples.

Sample	Fraction	Dilution Factor
FM03-PZM026-01C	VOA	75.0
CP08-PZM034-01C	VOA	100
CP12-PZM012-01C	VOA	3.0
CP12-PZM052-01C	VOA	50.0
CP14-PZM009-01C	VOA	2.5
CP14-PZM062-01C	VOA	2.5
TM04-PZM028-01C	VOA	50.0
TM04-PZM028-01C	VOA	5.0

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits (QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

Table 2 Field Duplicate Sample Results for Organic Analyses
Ground Water Duplicate Samples TM07-PZM005 and TM07-PZM005 DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	TM07-PZM005 (µg/L)		TM07-PZM005 DUP (µg/L)			
1,1-Dichloroethane	1.7		0.72	B	NC	
Methylene Chloride	0.50	J	ND		NC	
Naphthalene	0.60	J	0.77	J	24.8	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWT41AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TM07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	10	U	
71-43-2	Benzene	1.0	U	
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	CJ
67-66-3	Chloroform	1.0	U	
75-34-3	1,1-Dichloroethane	1.7		
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	0.50	J	
108-10-1	4-Methyl-2-pentanone	5.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SMK 2/15/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWT41AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TM07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWVH1AE Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TM07-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	10	U	
71-43-2	Benzene	1.0	U	
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	J
67-66-3	Chloroform	1.0	U	
75-34-3	1,1-Dichloroethane	1.7		
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	2.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SMM 2/15/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWVH1AE Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TM07-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWVL1AE Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TM07-PZM045

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	10	U	
71-43-2	Benzene	1.0	U	
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	J
67-66-3	Chloroform	1.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	2.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SMT 2/26/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWVL1AE Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TM07-PZM045

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWVP1AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TM06-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	10	U	
71-43-2	Benzene	1.0	U	
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	J
67-66-3	Chloroform	1.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	2.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SMT 2/15/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWVP1AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TM06-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWWC1AE Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TM06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	**Benzene**	**0.29**	**J**
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWWC1AE Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TM06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWWH1AE Date Extracted:12/07/01
Dilution factor: 50 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: TM04-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	500	U
71-43-2	**Benzene**	**1200**	
75-25-2	Bromoform	50	U
78-93-3	2-Butanone	250	U
75-15-0	Carbon disulfide	50	U
56-23-5	Carbon tetrachloride	50	U
108-90-7	Chlorobenzene	50	U
75-00-3	Chloroethane	100	U
67-66-3	Chloroform	50	U
75-34-3	1,1-Dichloroethane	50	U
107-06-2	1,2-Dichloroethane	50	U
75-35-4	1,1-Dichloroethene	50	U
156-60-5	trans-1,2-Dichloroethene	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
100-41-4	**Ethylbenzene**	**28**	J
591-78-6	2-Hexanone	250	U
75-09-2	Methylene chloride	100	U
108-10-1	4-Methyl-2-pentanone	250	U
630-20-6	1,1,1,2-Tetrachloroethane	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
127-18-4	Tetrachloroethene	50	U
108-88-3	**Toluene**	**24**	J
71-55-6	1,1,1-Trichloroethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
79-01-6	Trichloroethene	50	U
75-01-4	Vinyl chloride	100	U

SMK 2/15/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWWH1AE Date Extracted:12/07/01
Dilution factor: 50 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: TM04-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	86	J

2/15/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWWP1AE Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01
Moisture %:NA

QC Batch: 1339138

Client Sample Id: TM04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	3.2	J	
71-43-2	Benzene	1200	E	R
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	J
67-66-3	Chloroform	1.0	U	
75-34-3	1,1-Dichloroethane	2.3		
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	24		
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	2.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	9.9		
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	3.6		

SMT 2/15/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWWP1AE Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01
Moisture %:NA

QC Batch: 1339138

Client Sample Id: TM04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	47	

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / g Date Received: 12/04/01
Work Order: EPWWP2AE Date Extracted:12/07/01
Dilution factor: 50 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: TM04-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	**Acetone**	290	J	R
71-43-2	**Benzene**	1400		
75-25-2	Bromoform	50	U	R
78-93-3	2-Butanone	250	U	
75-15-0	Carbon disulfide	50	U	
56-23-5	Carbon tetrachloride	50	U	
108-90-7	Chlorobenzene	50	U	
75-00-3	Chloroethane	100	U	
67-66-3	Chloroform	50	U	
75-34-3	1,1-Dichloroethane	50	U	
107-06-2	1,2-Dichloroethane	50	U	
75-35-4	1,1-Dichloroethene	50	U	
156-60-5	trans-1,2-Dichloroethene	50	U	
78-87-5	1,2-Dichloropropane	50	U	
10061-01-5	cis-1,3-Dichloropropene	50	U	
10061-02-6	trans-1,3-Dichloropropene	50	U	
100-41-4	**Ethylbenzene**	24	J	
591-78-6	2-Hexanone	250	U	
75-09-2	Methylene chloride	100	U	
108-10-1	4-Methyl-2-pentanone	250	U	
630-20-6	1,1,1,2-Tetrachloroethane	50	U	
79-34-5	1,1,2,2-Tetrachloroethane	50	U	
127-18-4	Tetrachloroethene	50	U	
108-88-3	**Toluene**	16	J	
71-55-6	1,1,1-Trichloroethane	50	U	
79-00-5	1,1,2-Trichloroethane	50	U	
79-01-6	Trichloroethene	50	U	
75-01-4	Vinyl chloride	100	U	

SMC 2/15/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / g Date Received: 12/04/01
Work Order: EPWWP2AE Date Extracted:12/07/01
Dilution factor: 50 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: TM04-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	45	J

R

SMK 2/15/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWWT1AA Date Extracted:12/07/01
Dilution factor: 5 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: TM04-PZM056

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	50	U	
71-43-2	**Benzene**	130		
75-25-2	Bromoform	5.0	U	
78-93-3	2-Butanone	25	U	
75-15-0	Carbon disulfide	5.0	U	
56-23-5	Carbon tetrachloride	5.0	U	
108-90-7	Chlorobenzene	5.0	U	
75-00-3	Chloroethane	10	U	J
67-66-3	Chloroform	5.0	U	
75-34-3	1,1-Dichloroethane	5.0	U	
107-06-2	1,2-Dichloroethane	5.0	U	
75-35-4	1,1-Dichloroethene	5.0	U	
156-60-5	trans-1,2-Dichloroethene	5.0	U	
78-87-5	1,2-Dichloropropane	5.0	U	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	
100-41-4	**Ethylbenzene**	1.3	J	
591-78-6	2-Hexanone	25	U	
75-09-2	Methylene chloride	10	U	
108-10-1	4-Methyl-2-pentanone	25	U	
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	
127-18-4	Tetrachloroethene	5.0	U	
108-88-3	Toluene	5.0	U	
71-55-6	1,1,1-Trichloroethane	5.0	U	
79-00-5	1,1,2-Trichloroethane	5.0	U	
79-01-6	Trichloroethene	5.0	U	
75-01-4	Vinyl chloride	10	U	

smk 2/13/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWWT1AA Date Extracted:12/07/01
Dilution factor: 5 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: TM04-PZM056

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	5.2	J

FORM I

STL Pittsburgh

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWW31AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 2/15/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWW31AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP07G1AA Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01

QC Batch: 1341145

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	**1,1-Dichloroethene**	**2.4**	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	**Methylene chloride**	**0.71**	J
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	**Trichloroethene**	**0.32**	J
75-01-4	Vinyl chloride	2.0	U

SMK 2/13/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP07G1AA Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01

QC Batch: 1341145

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMK 2/15/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL
Work Order: EP07P1AM
Dilution factor: 75
Moisture %:NA

Date Received: 12/05/01
Date Extracted:12/07/01
Date Analyzed: 12/07/01

QC Batch: 1341145

Client Sample Id: FM03-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	750	U
71-43-2	Benzene	75	U
75-25-2	Bromoform	75	U
78-93-3	2-Butanone	380	U
75-15-0	Carbon disulfide	75	U
56-23-5	Carbon tetrachloride	75	U
108-90-7	Chlorobenzene	75	U
75-00-3	Chloroethane	150	U J
67-66-3	Chloroform	75	U
75-34-3	1,1-Dichloroethane	1900	
107-06-2	1,2-Dichloroethane	75	U
75-35-4	1,1-Dichloroethene	470	
156-60-5	trans-1,2-Dichloroethene	75	U
78-87-5	1,2-Dichloropropane	75	U
10061-01-5	cis-1,3-Dichloropropene	75	U
10061-02-6	trans-1,3-Dichloropropene	75	U
100-41-4	Ethylbenzene	75	U
591-78-6	2-Hexanone	380	U
75-09-2	Methylene chloride	150	U
108-10-1	4-Methyl-2-pentanone	380	U
630-20-6	1,1,1,2-Tetrachloroethane	75	U
79-34-5	1,1,2,2-Tetrachloroethane	75	U
127-18-4	Tetrachloroethene	75	U
108-88-3	Toluene	75	U
71-55-6	1,1,1-Trichloroethane	75	U
79-00-5	1,1,2-Trichloroethane	75	U
79-01-6	Trichloroethene	75	U
75-01-4	Vinyl chloride	150	U

SMK 2/15/2001

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP07P1AM Date Extracted:12/07/01
Dilution factor: 75 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: FM03-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	220	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP0701CA Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: TM02-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	7.1	~~U~~	B
71-43-2	Benzene	2.8		
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	J
67-66-3	Chloroform	1.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	0.27	J	
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	2.0	U	
108-10-1	4-Methyl-2-pentanone	1.2	J	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	2.8		
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	0.36	J	
75-01-4	Vinyl chloride	2.0	U	

SMA 2/15/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP0701CA Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: TM02-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	2.0	J

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP0721AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMV 2/15/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP0721AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP07T1AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: EQUIPMENT BLANK #7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	4.6	J
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP07T1AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: EQUIPMENT BLANK #7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

2/15/2001

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP07X1AM Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: EQUIPMENT BLANK #8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	6.3	J
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMV 2/5/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP07X1AM Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1340156

Client Sample Id: EQUIPMENT BLANK #8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / g Date Received: 12/06/01
Work Order: EP35A1AA Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: CP14-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	670	E	R
71-43-2	Benzene	0.43	J	
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	J
67-66-3	Chloroform	0.35	J	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	2.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	0.42	J	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

smk 2/5/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / g Date Received: 12/06/01
Work Order: EP35A1AA Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: CP14-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35A2AA Date Extracted:12/10/01
Dilution factor: 15 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP14-PZM062 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	750	
71-43-2	Benzene	15	U
75-25-2	Bromoform	15	U
78-93-3	2-Butanone	75	U
75-15-0	Carbon disulfide	15	U
56-23-5	Carbon tetrachloride	15	U
108-90-7	Chlorobenzene	15	U
75-00-3	Chloroethane	30	U
67-66-3	Chloroform	15	U
75-34-3	1,1-Dichloroethane	15	U
107-06-2	1,2-Dichloroethane	15	U
75-35-4	1,1-Dichloroethene	15	U
156-60-5	trans-1,2-Dichloroethene	15	U
78-87-5	1,2-Dichloropropane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
10061-02-6	trans-1,3-Dichloropropene	15	U
100-41-4	Ethylbenzene	15	U
591-78-6	2-Hexanone	75	U
75-09-2	Methylene chloride	30	U
108-10-1	4-Methyl-2-pentanone	75	U
630-20-6	1,1,1,2-Tetrachloroethane	15	U
79-34-5	1,1,2,2-Tetrachloroethane	15	U
127-18-4	Tetrachloroethene	15	U
108-88-3	Toluene	15	U
71-55-6	1,1,1-Trichloroethane	15	U
79-00-5	1,1,2-Trichloroethane	15	U
79-01-6	Trichloroethene	15	U
75-01-4	Vinyl chloride	30	U

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SMT 2/5/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35A2AA Date Extracted:12/10/01
Dilution factor: 15 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP14-PZM062 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	45	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35D1AM Date Extracted:12/11/01
Dilution factor: 2.5 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1345179

Client Sample Id: CP14-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	62	J
71-43-2	Benzene	46	
75-25-2	Bromoform	2.5	U
78-93-3	2-Butanone	12	U
75-15-0	Carbon disulfide	2.5	U
56-23-5	Carbon tetrachloride	2.5	U
108-90-7	Chlorobenzene	2.5	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	2.5	U
75-34-3	1,1-Dichloroethane	2.5	U
107-06-2	1,2-Dichloroethane	2.5	U
75-35-4	1,1-Dichloroethene	2.5	U
156-60-5	trans-1,2-Dichloroethene	2.5	U
78-87-5	1,2-Dichloropropane	2.5	U
10061-01-5	cis-1,3-Dichloropropene	2.5	U
10061-02-6	trans-1,3-Dichloropropene	2.5	U
100-41-4	Ethylbenzene	2.5	U
591-78-6	2-Hexanone	12	U
75-09-2	Methylene chloride	5.0	U
108-10-1	4-Methyl-2-pentanone	12	U
630-20-6	1,1,1,2-Tetrachloroethane	2.5	U
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U
127-18-4	Tetrachloroethene	2.5	U
108-88-3	Toluene	4.3	
71-55-6	1,1,1-Trichloroethane	2.5	U
79-00-5	1,1,2-Trichloroethane	2.5	U
79-01-6	Trichloroethene	2.5	U
75-01-4	Vinyl chloride	5.0	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35D1AM Date Extracted:12/11/01
Dilution factor: 2.5 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1345179

Client Sample Id: CP14-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	5.4	J

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35F1AM Date Extracted:12/10/01
Dilution factor: 100 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP08-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	5600	
71-43-2	Benzene	100	U
75-25-2	Bromoform	100	U
78-93-3	2-Butanone	500	U
75-15-0	Carbon disulfide	100	U
56-23-5	Carbon tetrachloride	100	U
108-90-7	Chlorobenzene	100	U
75-00-3	Chloroethane	200	U
67-66-3	Chloroform	100	U
75-34-3	1,1-Dichloroethane	100	U
107-06-2	1,2-Dichloroethane	100	U
75-35-4	1,1-Dichloroethene	100	U
156-60-5	trans-1,2-Dichloroethene	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
100-41-4	Ethylbenzene	100	U
591-78-6	2-Hexanone	500	U
75-09-2	Methylene chloride	200	U
108-10-1	4-Methyl-2-pentanone	500	U
630-20-6	1,1,1,2-Tetrachloroethane	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
127-18-4	Tetrachloroethene	100	U
108-88-3	Toluene	100	U
71-55-6	1,1,1-Trichloroethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
79-01-6	Trichloroethene	100	U
75-01-4	Vinyl chloride	200	U

SMT 2/15/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35F1AM Date Extracted:12/10/01
Dilution factor: 100 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP08-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	300	U

SM 2/15/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35H1AM Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: CP02-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	43	
71-43-2	Benzene	4.6	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	0.37	J
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	3.4	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35H1AM Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: CP02-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.1	

SMK 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35J1AA Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: CP02-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	85	E	R
71-43-2	Benzene	1.0	U	
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	J
67-66-3	Chloroform	0.36	J	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	2.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	~~0.31~~	~~J~~	1.0 U
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35J1AA Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: CP02-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35J2AA Date Extracted:12/10/01
Dilution factor: 2 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP02-PZM026 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	100		
71-43-2	Benzene	2.0	U	R
75-25-2	Bromoform	2.0	U	
78-93-3	2-Butanone	10	U	
75-15-0	Carbon disulfide	2.0	U	
56-23-5	Carbon tetrachloride	2.0	U	
108-90-7	Chlorobenzene	2.0	U	
75-00-3	Chloroethane	4.0	U	
67-66-3	Chloroform	0.56	J	
75-34-3	1,1-Dichloroethane	2.0	U	
107-06-2	1,2-Dichloroethane	2.0	U	
75-35-4	1,1-Dichloroethene	2.0	U	
156-60-5	trans-1,2-Dichloroethene	2.0	U	
78-87-5	1,2-Dichloropropane	2.0	U	
10061-01-5	cis-1,3-Dichloropropene	2.0	U	
10061-02-6	trans-1,3-Dichloropropene	2.0	U	
100-41-4	Ethylbenzene	2.0	U	
591-78-6	2-Hexanone	10	U	
75-09-2	Methylene chloride	4.0	U	
108-10-1	4-Methyl-2-pentanone	10	U	
630-20-6	1,1,1,2-Tetrachloroethane	2.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	
127-18-4	Tetrachloroethene	2.0	U	
108-88-3	Toluene	2.0	U	
71-55-6	1,1,1-Trichloroethane	2.0	U	
79-00-5	1,1,2-Trichloroethane	2.0	U	
79-01-6	Trichloroethene	2.0	U	
75-01-4	Vinyl chloride	4.0	U	

SMK 2/15/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35J2AA Date Extracted:12/10/01
Dilution factor: 2 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP02-PZM026 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	6.0	U	R

SMK 2/15/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35L1AM Date Extracted:12/10/01
Dilution factor: 50 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP12-PZM052

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2300	
71-43-2	Benzene	50	U
75-25-2	Bromoform	50	U
78-93-3	2-Butanone	250	U
75-15-0	Carbon disulfide	50	U
56-23-5	Carbon tetrachloride	50	U
108-90-7	Chlorobenzene	50	U
75-00-3	Chloroethane	100	U
67-66-3	Chloroform	50	U
75-34-3	1,1-Dichloroethane	50	U
107-06-2	1,2-Dichloroethane	50	U
75-35-4	1,1-Dichloroethene	50	U
156-60-5	trans-1,2-Dichloroethene	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
100-41-4	Ethylbenzene	50	U
591-78-6	2-Hexanone	250	U
75-09-2	Methylene chloride	100	U
108-10-1	4-Methyl-2-pentanone	250	U
630-20-6	1,1,1,2-Tetrachloroethane	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
127-18-4	Tetrachloroethene	50	U
108-88-3	Toluene	50	U
71-55-6	1,1,1-Trichloroethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
79-01-6	Trichloroethene	50	U
75-01-4	Vinyl chloride	100	U



CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35L1AM Date Extracted:12/10/01
Dilution factor: 50 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP12-PZM052

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	150	U

FORM I

STL Pittsburgh

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35N1AA Date Extracted:12/10/01
Dilution factor: 3 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP12-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	800	E R
71-43-2	Benzene	190	E R
75-25-2	Bromoform	3.0	U
78-93-3	2-Butanone	15	U
75-15-0	Carbon disulfide	3.0	U
56-23-5	Carbon tetrachloride	3.0	U
108-90-7	Chlorobenzene	3.0	U
75-00-3	Chloroethane	6.0	U
67-66-3	Chloroform	3.0	U
75-34-3	1,1-Dichloroethane	3.0	U
107-06-2	1,2-Dichloroethane	3.0	U
75-35-4	1,1-Dichloroethene	3.0	U
156-60-5	trans-1,2-Dichloroethene	3.0	U
78-87-5	1,2-Dichloropropane	3.0	U
10061-01-5	cis-1,3-Dichloropropene	3.0	U
10061-02-6	trans-1,3-Dichloropropene	3.0	U
100-41-4	Ethylbenzene	3.0	U
591-78-6	2-Hexanone	15	U
75-09-2	Methylene chloride	6.0	U
108-10-1	4-Methyl-2-pentanone	15	U
630-20-6	1,1,1,2-Tetrachloroethane	3.0	U
79-34-5	1,1,2,2-Tetrachloroethane	3.0	U
127-18-4	Tetrachloroethene	3.0	U
108-88-3	Toluene	19	
71-55-6	1,1,1-Trichloroethane	3.0	U
79-00-5	1,1,2-Trichloroethane	3.0	U
79-01-6	Trichloroethene	3.0	U
75-01-4	Vinyl chloride	6.0	U

SMK 2/15/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35N1AA Date Extracted:12/10/01
Dilution factor: 3 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP12-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	22	

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35N2AA Date Extracted:12/11/01
Dilution factor: 10 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1345179

Client Sample Id: CP12-PZM012 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	730	
71-43-2	Benzene	100	
75-25-2	Bromoform	10	R
78-93-3	2-Butanone	50	
75-15-0	Carbon disulfide	10	
56-23-5	Carbon tetrachloride	10	
108-90-7	Chlorobenzene	10	
75-00-3	Chloroethane	20	
67-66-3	Chloroform	10	
75-34-3	1,1-Dichloroethane	10	
107-06-2	1,2-Dichloroethane	10	
75-35-4	1,1-Dichloroethene	10	
156-60-5	trans-1,2-Dichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
10061-01-5	cis-1,3-Dichloropropene	10	
10061-02-6	trans-1,3-Dichloropropene	10	
100-41-4	Ethylbenzene	10	
591-78-6	2-Hexanone	50	
75-09-2	Methylene chloride	20	
108-10-1	4-Methyl-2-pentanone	50	
630-20-6	1,1,1,2-Tetrachloroethane	10	
79-34-5	1,1,2,2-Tetrachloroethane	10	
127-18-4	Tetrachloroethene	10	
108-88-3	Toluene	9.8	J
71-55-6	1,1,1-Trichloroethane	10	
79-00-5	1,1,2-Trichloroethane	10	
79-01-6	Trichloroethene	10	
75-01-4	Vinyl chloride	20	

SMM 2/15/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35N2AA Date Extracted:12/11/01
Dilution factor: 10 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1345179

Client Sample Id: CP12-PZM012 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	11	U

R

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWT41AE Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/15/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWT41AE Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**0.60**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/7/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWT41AE Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U
621-64-7	N-Nitrosodi-n-propylamine	10	U

SMK 2/15/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWVH1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM07-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWVH1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM07-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	0.77	J
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/15/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWVH1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM07-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWVL1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM07-PZM045

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/15/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWVL1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM07-PZM045

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smh 2/15/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWVL1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM07-PZM045

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWVP1AC Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM06-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smk 2/15/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWVP1AC Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM06-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMT 2/15/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWVP1AC Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM06-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMT 2/15/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWC1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	2.1	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	~~0.60~~ 10	~~J~~ U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smy 2/15/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWC1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**0.82**	**J**
86-73-7	**Fluorene**	**1.1**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**0.79**	**J**
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWC1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 2/15/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L040205 006

Sample WT/Vol: 1000 / mL
Work Order: EPWWH1AF
Dilution factor: 1
Moisture %:NA

Date Received: 12/04/01
Date Extracted:12/05/01
Date Analyzed: 12/11/01

QC Batch: 1339310

Client Sample Id: TM04-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1.2	J
208-96-8	Acenaphthylene	1.8	J
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	0.72	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWH1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	41		
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	10	U	
86-73-7	Fluorene	1.1	J	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	1.9	J	
95-48-7	2-Methylphenol	10	U	
106-44-5	4-Methylphenol	10	U	R
91-20-3	Naphthalene	190	E	
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	1.2	J	
108-95-2	Phenol	3.6	J	
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	20	U	

2/15/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWH1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 006 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWH2AF Date Extracted:12/05/01
Dilution factor: 3 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM028 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	30	
208-96-8	Acenaphthylene	30	
120-12-7	Anthracene	30	
56-55-3	Benzo(a)anthracene	30	
205-99-2	Benzo(b)fluoranthene	30	
207-08-9	Benzo(k)fluoranthene	30	
191-24-2	Benzo(ghi)perylene	30	
50-32-8	Benzo(a)pyrene	30	
111-91-1	bis(2-Chloroethoxy)methane	30	
111-44-4	bis(2-Chloroethyl) ether	30	
117-81-7	bis(2-Ethylhexyl) phthalate	30	
101-55-3	4-Bromophenyl phenyl ether	30	
85-68-7	Butyl benzyl phthalate	30	
59-50-7	4-Chloro-3-methylphenol	30	
91-58-7	2-Chloronaphthalene	30	
95-57-8	2-Chlorophenol	30	
7005-72-3	4-Chlorophenyl phenyl ether	30	
218-01-9	Chrysene	30	
53-70-3	Dibenz(a,h)anthracene	30	
132-64-9	Dibenzofuran	30	
84-74-2	Di-n-butyl phthalate	30	
95-50-1	1,2-Dichlorobenzene	30	
541-73-1	1,3-Dichlorobenzene	30	
106-46-7	1,4-Dichlorobenzene	30	
91-94-1	3,3'-Dichlorobenzidine	150	
120-83-2	2,4-Dichlorophenol	30	
84-66-2	Diethyl phthalate	30	
119-93-7	3,3'-Dimethylbenzidine	150	

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 006 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWH2AF Date Extracted:12/05/01
Dilution factor: 3 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM028 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	35	
131-11-3	Dimethyl phthalate	30	
117-84-0	Di-n-octyl phthalate	30	
534-52-1	4,6-Dinitro-2-methylphenol	150	
51-28-5	2,4-Dinitrophenol	150	
121-14-2	2,4-Dinitrotoluene	30	
606-20-2	2,6-Dinitrotoluene	30	
206-44-0	Fluoranthene	30	
86-73-7	Fluorene	30	
118-74-1	Hexachlorobenzene	30	
87-68-3	Hexachlorobutadiene	30	
77-47-4	Hexachlorocyclopentadiene	150	
67-72-1	Hexachloroethane	30	
193-39-5	Indeno(1,2,3-cd)pyrene	30	
78-59-1	Isophorone	30	
91-57-6	2-Methylnaphthalene	1.9	J
95-48-7	2-Methylphenol	30	
106-44-5	4-Methylphenol	30	
91-20-3	Naphthalene	150	
98-95-3	Nitrobenzene	30	
88-75-5	2-Nitrophenol	30	
100-02-7	4-Nitrophenol	150	
76-01-7	Pentachloroethane	150	
87-86-5	Pentachlorophenol	150	
85-01-8	Phenanthrene	30	
108-95-2	Phenol	3.5	J
129-00-0	Pyrene	30	
110-86-1	Pyridine	60	

smk 2/7/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 006 JL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWH2AF Date Extracted:12/05/01
Dilution factor: 3 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM028 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	30	U	R
95-95-4	2,4,5-Trichlorophenol	30	U	
88-06-2	2,4,6-Trichlorophenol	30	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	60	U	

smk 2/7/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWP1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	1.3	J
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smt 2/7/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWP1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	51		
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	10	U	
86-73-7	Fluorene	10	U	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	1.2	J	
95-48-7	2-Methylphenol	0.91	J	
106-44-5	4-Methylphenol	10	U	
91-20-3	Naphthalene	290	E	R
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	0.86	J	
108-95-2	Phenol	2.1	J	
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	20	U	

SMK 2/7/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWP1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 2/7/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 007DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWP2AF Date Extracted:12/05/01
Dilution factor: 5 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	50	U
208-96-8	Acenaphthylene	50	U
120-12-7	Anthracene	50	U
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	Dibenzofuran	50	U
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
91-94-1	3,3'-Dichlorobenzidine	250	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U
119-93-7	3,3'-Dimethylbenzidine	250	U

smt 2/12/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 007 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWP2AF Date Extracted:12/05/01
Dilution factor: 5 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	44	J	R
131-11-3	Dimethyl phthalate	50		
117-84-0	Di-n-octyl phthalate	50		
534-52-1	4,6-Dinitro-2-methylphenol	250		
51-28-5	2,4-Dinitrophenol	250		
121-14-2	2,4-Dinitrotoluene	50		
606-20-2	2,6-Dinitrotoluene	50		
206-44-0	Fluoranthene	50		
86-73-7	Fluorene	50		
118-74-1	Hexachlorobenzene	50		
87-68-3	Hexachlorobutadiene	50		
77-47-4	Hexachlorocyclopentadiene	250		
67-72-1	Hexachloroethane	50		
193-39-5	Indeno(1,2,3-cd)pyrene	50		
78-59-1	Isophorone	50		
91-57-6	2-Methylnaphthalene	50		
95-48-7	2-Methylphenol	50		
106-44-5	4-Methylphenol	50		
91-20-3	Naphthalene	200		
98-95-3	Nitrobenzene	50		R
88-75-5	2-Nitrophenol	50		
100-02-7	4-Nitrophenol	250		
76-01-7	Pentachloroethane	250		
87-86-5	Pentachlorophenol	250		
85-01-8	Phenanthrene	50		
108-95-2	Phenol	50		
129-00-0	Pyrene	50		
110-86-1	Pyridine	100		

smt 2/7/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWT1AC Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM056

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

JML 2/17/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWT1AC Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM056

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	4.4	J
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	20	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	9.6	J
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smk 2/7/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L040205 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWWT1AC Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM04-PZM056

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07G1AC Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/17/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07G1AC Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

12/17/2001

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07G1AC Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
140-57-8	Aramite (total)	50	U
100-51-6	Benzyl alcohol	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
99-65-0	1,3-Dinitrobenzene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
1888-71-7	Hexachloropropene	100	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U

SMK 2/7/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07G1AC Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
82-68-8	Pentachloronitrobenzene	50	U
62-44-2	Phenacetin	20	U
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U

smk 2/7/02

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07G1AC Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: HI02-PZM032

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

smk 2/7/02

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07P1AN Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: FM03-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/7/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07P1AN Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: FM03-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smk 2/7/2002

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC003

Matrix: (soil/water) WATER Lab Sample ID: C1L050251 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07P1AN Date Extracted: 12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: FM03-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 2/7/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07T1AC Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: EQUIPMENT BLANK #7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/7/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07T1AC Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: EQUIPMENT BLANK #7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U



CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07T1AC Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: EQUIPMENT BLANK #7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07X1AN Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: EQUIPMENT BLANK #8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smt 2/7/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07X1AN Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: EQUIPMENT BLANK #8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP07X1AN Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341114

Client Sample Id: EQUIPMENT BLANK #8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP0701AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM02-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	2.2	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**1.0**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smk 2/7/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP0701AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM02-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	79	
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	1.5	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	1.3	J
95-48-7	2-Methylphenol	4.5	J
106-44-5	4-Methylphenol	77	
91-20-3	Naphthalene	20	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	3.8	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U



CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L050251 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP0701AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM02-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35A1AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP14-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/7/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35A1AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP14-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smk 2/7/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35A1AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP14-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35D1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP14-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1.2	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35D1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP14-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	**2,4-Dimethylphenol**	**3.0**	**J**
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**0.94**	**J**
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	**2-Methylnaphthalene**	**1.8**	**J**
95-48-7	**2-Methylphenol**	**4.0**	**J**
106-44-5	**4-Methylphenol**	**7.2**	**J**
91-20-3	**Naphthalene**	**34**	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**2.6**	**J**
108-95-2	**Phenol**	**14**	
129-00-0	Pyrene	10	U
110-86-1	**Pyridine**	**3.6** ✓	**J**

SMK 2/17/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35D1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP14-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35F1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP08-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smt 2/7/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35F1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP08-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	**Fluorene**	1.3	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	1.0	J
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	2.1	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

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FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35F1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP08-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

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FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35H1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP02-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**6.0**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

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FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35H1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP02-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**2.6**	**J**
86-73-7	**Fluorene**	**13**	
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**0.85**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**1.0**	**J**
108-95-2	Phenol	10	U
129-00-0	**Pyrene**	**1.5**	**J**
110-86-1	**Pyridine**	**18**	**J**

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35H1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP02-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

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FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35J1AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP02-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1.0	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	0.84	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

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FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35J1AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP02-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	1.5	J
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	**Pyrene**	1.1	J
110-86-1	Pyridine	20	U

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FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35J1AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP02-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

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FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35L1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP12-PZM052

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMT 2/7/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35L1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP12-PZM052

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

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FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35L1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP12-PZM052

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMT 2/7/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35N1AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP12-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	0.88	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

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CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35N1AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP12-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	5.5	J
95-48-7	2-Methylphenol	0.90	J
106-44-5	4-Methylphenol	4.6	J
91-20-3	Naphthalene	68	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	1.5	J
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	2.0	J
108-95-2	Phenol	14	
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smk 2/7/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP35N1AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP12-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

smt 12/20/01

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L040205 001

Sample WT/Vol: 1000 / mL
Work Order: EPWT41AH
Dilution factor: 1
Moisture %:NA

Date Received: 12/04/01
Date Extracted:12/05/01
Date Analyzed: 12/08/01

QC Batch: 1339465

Client Sample Id: TM07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L040205 002

Sample WT/Vol: 1000 / mL
Work Order: EPWVH1AG
Dilution factor: 1
Moisture %:NA

Date Received: 12/04/01
Date Extracted:12/05/01
Date Analyzed: 12/08/01

QC Batch: 1339465

Client Sample Id: TM07-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L040205 003

Sample WT/Vol: 1000 / mL
Work Order: EPWVL1AG
Dilution factor: 1
Moisture %:NA

Date Received: 12/04/01
Date Extracted:12/05/01
Date Analyzed: 12/08/01

QC Batch: 1339465

Client Sample Id: TM07-PZM045

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L040205 004

Sample WT/Vol: 1000 / mL
Work Order: EPWVP1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/04/01
Date Extracted:12/05/01
Date Analyzed: 12/08/01

QC Batch: 1339465

Client Sample Id: TM06-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L040205 005

Sample WT/Vol: 1000 / mL
Work Order: EPWWC1AG
Dilution factor: 1
Moisture %:NA

Date Received: 12/04/01
Date Extracted:12/05/01
Date Analyzed: 12/08/01

QC Batch: 1339465

Client Sample Id: TM06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L040205 006

Sample WT/Vol: 1000 / mL
Work Order: EPWWH1AG
Dilution factor: 1
Moisture %:NA

Date Received: 12/04/01
Date Extracted:12/05/01
Date Analyzed: 12/08/01

QC Batch: 1339465

Client Sample Id: TM04-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L040205 007

Sample WT/Vol: 1000 / mL
Work Order: EPWWP1AG
Dilution factor: 1
Moisture %:NA

Date Received: 12/04/01
Date Extracted:12/05/01
Date Analyzed: 12/08/01

QC Batch: 1339465

Client Sample Id: TM04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L040205 008

Sample WT/Vol: 1000 / mL
Work Order: EPWWT1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/04/01
Date Extracted:12/05/01
Date Analyzed: 12/08/01

QC Batch: 1339465

Client Sample Id: TM04-PZM056

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L050251 001

Sample WT/Vol: 1000 / mL
Work Order: EP07G1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/05/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341503

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L050251 002

Sample WT/Vol: 1000 / mL
Work Order: EP07P1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/05/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341503

Client Sample Id: FM03-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L050251 003

Sample WT/Vol: 1000 / mL
Work Order: EP07T1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/05/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341503

Client Sample Id: EQUIPMENT BLANK #7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L050251 004

Sample WT/Vol: 1000 / mL
Work Order: EP07X1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/05/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341503

Client Sample Id: EQUIPMENT BLANK #8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L050251 005

Sample WT/Vol: 1000 / mL
Work Order: EP0701AC
Dilution factor: 1
Moisture %:NA

Date Received: 12/05/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341503

Client Sample Id: TM02-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L060328 001

Sample WT/Vol: 1000 / mL
Work Order: EP35A1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/06/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: CP14-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L060328 002

Sample WT/Vol: 1000 / mL
Work Order: EP35D1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/06/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: CP14-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L060328 003

Sample WT/Vol: 1000 / mL
Work Order: EP35F1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/06/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: CP08-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L060328 004

Sample WT/Vol: 1000 / mL
Work Order: EP35H1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/06/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: CP02-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L060328 005

Sample WT/Vol: 1000 / mL
Work Order: EP35J1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/06/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: CP02-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L060328 006

Sample WT/Vol: 1000 / mL
Work Order: EP35L1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/06/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: CP12-PZM052

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L060328 007

Sample WT/Vol: 1000 / mL
Work Order: EP35N1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/06/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: CP12-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC003
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- X • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- X • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

All chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

4.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

5.0 *ICP INTERFERENCE CHECK SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The positive results reported for the metals in the samples presented on page 4 are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results for these metals in these samples has indicated this.

Analyte	Qualified Results
Barium	FM03-PZM008-01C, HI02-PZM032-01C
Beryllium	CP02-PZM007-01C, CP02-PZM026-01C, CP08-PZM034-01C, CP12-PZM012-01C, CP12-PZM052-01C, CP14-PZM009-01C, CP14-PZM062-01C, FM03-PZM008-01C, HI02-PZM032-01C, TM02-PZM009-01C, TM04-PZM006-01C, TM04-PZM028-01C, TM04-PZM056-01C, TM06-PZM008-01C, TM06-PZM034-01C, TM07-PZM005-01C, TM07-PZM005-01C DUP, TM07-PZM045-01C
Chromium	CP02-PZM007-01C, CP02-PZM026-01C, CP08-PZM034-01C, CP12-PZM012-01C, CP12-PZM052-01C, CP14-PZM009-01C, CP14-PZM062-01C, HI02-PZM032-01C, TM02-PZM009-01C, TM04-PZM006-01C, TM04-PZM028-01C, TM06-PZM008-01C, TM07-PZM005-01C, TM07-PZM005-01C DUP
Lead	CP02-PZM007-01C, CP02-PZM026-01C, CP08-PZM034-01C, CP14-PZM009-01C, CP14-PZM062-01C, TM02-PZM009-01C, TM06-PZM008-01C, TM07-PZM005-01C
Manganese	TM02-PZM009-01C
Silver	CP02-PZM007-01C, CP02-PZM026-01C, CP08-PZM034-01C, CP12-PZM012-01C, CP12-PZM052-01C, CP14-PZM009-01C, CP14-PZM062-01C, TM04-PZM006-01C, TM06-PZM008-01C, TM07-PZM005-01C, TM07-PZM005-01C DUP
Zinc	HI02-PZM032-01C

7.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

Positive results and detection limits for iron and mercury for the samples are biased low quantitative estimates and may be higher than reported. The associated matrix spike recoveries were below the acceptance limit for these analytes. The low recoveries indicate the presence of interferences for iron and mercury for samples of similar matrix. Positive results have been marked "L" to indicate that they are biased low. Detection limits are marked "UL".

14.0 *QUANTITATION/REPORTING LIMITS*

The laboratory reported results for metals detected in samples at concentrations greater than the instrument detection limit, but less than the QL with "B" flags. EDQ has flagged results for metals below the QL with "J" qualifiers to indicate that they are quantitative estimates.

8.0 LABORATORY DUPLICATE RESULTS

All criteria were met. No qualifiers were applied.

9.0 ICP SERIAL DILUTION RESULTS

All criteria were met. No qualifiers were applied.

10.0 FIELD DUPLICATE RESULTS

Duplicate samples TM07-PZ0555-01C and TM07-PZ0555-01C were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. Results for these duplicate samples are presented in Table 2. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criterion of 25 percent for values greater than five times the QL (or $\pm$ the QL for results less than five times the QL).

11.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

12.0 GFAA POST-DIGESTION SPIKE/DUPLICATE BURN

Not Applicable.

13.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

METHODOLOGY REFERENCES

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

Table 2 Field Duplicate Sample Results for Inorganic Analyses
Ground Water Duplicate Samples TM07-PZM005-01C and TM07-PZM005-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	TM07-PZM005-01C (µg/L)		TM07-PZM005-01C DUP (µg/L)			
Arsenic	3.1	J	ND		NC	
Barium	55.3	J	ND	J	NC	
Beryllium	1.8	B	5.0	B	NC	
Chromium	2.8	B	3.1	B	10.2	
Lead	2.0	B	ND		NC	
Mercury	0.72	L	ND		NC	
Selenium	6.7		ND		NC	
Silver	1.2	B	0.95	J	NC	
Vanadium	133		131	J	1.5	
Zinc	ND		1.9	J	NC	
Available Cyanide, mg/L	0.91	J	0.89	J	2.2	
Sulfide, mg/L	ND		ND		NC	

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP070 **Client ID:** TM02-PZM009

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	~~UN~~* U	1	CVAA	12/13/01	16:17

SMM 2/7/2002

Comments: Lot #: C1L050251 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP07G **Client ID:** HI02-PZM032

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	~~BN*~~	1	CVAA	12/13/01	16:08

SMK 2/7/2002

Comments: Lot #: C1L050251 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP07P **Client ID:** FM03-PZM026

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:09

smk 2/7/2002

Comments: Lot #: C1L050251 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP07T **Client ID:** EQUIPMENT BLANK #7

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:11

smk 2/7/2002

Comments: Lot #: C1L050251 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP07X **Client ID:** EQUIPMENT BLANK #8

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:15

SMK 2/7/2002

Comments: Lot #: C1L050251 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35A **Client ID:** CP14-PZM062

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:18

2/17/02

Comments: Lot #: C1L060328 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35D **Client ID:** CP14-PZM009

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.071	~~BN~~	1	CVAA	12/13/01	16:20

smk 2/11/2002

Comments: Lot #: C1L060328 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35F **Client ID:** CP08-PZM034

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.066	~~B~~ L	1	CVAA	12/13/01	16:21

smk 2/7/2002

Comments: Lot #: C1L060328 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35H **Client ID:** CP02-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:23

smk 2/7/2002

Comments: Lot #: C1L060328 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35J **Client ID:** CP02-PZM026

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:24

SMK 2/7/2002

Comments: Lot #: C1L060328 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35L **Client ID:** CP12-PZM052

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:26

SMK 2/7/2002

Comments: Lot #: C1L060328 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35N **Client ID:** CP12-PZM012

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:27

SMK 2/7/2002

Comments: Lot #: C1L060328 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWT4 **Client ID:** TM07-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal. Date	Anal Time
Mercury	253.7	0.054	0.20	0.72		L 1	CVAA	12/13/01	15:49

smk 2/7/2002

Comments: Lot #: C1L040205 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWVH **Client ID:** TM07-PZM005 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	15:57

SMK 2/7/2002

Comments: Lot #: C1L040205 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWVL **Client ID:** TM07-PZM045

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	15:58

SMK 2/7/2002

Comments: Lot #: C1L040205 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWVP **Client ID:** TM06-PZM034

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:00

SML 2/7/2002

Comments: Lot #: C1L040205 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWWC **Client ID:** TM06-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:02

smk 2/7/2002

Comments: Lot #: C1L040205 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWWH **Client ID:** TM04-PZM028

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:03

SMK 2/7/2002

Comments: Lot #: C1L040205 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWWP **Client ID:** TM04-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/13/01	16:05

SMK 2/7/2002

Comments: Lot #: C1L040205 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWWT **Client ID:** TM04-PZM056

Matrix: Water **Units:** ug/L **Prep Date:** 12/13/01 **Prep Batch:** 1347228

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.060	~~B~~	1	CVAA	12/13/01	16:06

Comments: Lot #: C1L040205 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP070 **Client ID:** TM02-PZM009

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	17:13
Arsenic	189.04	2.0	10.0	3.6	~~B~~ J	1	ICPST	1/6/02	17:13
Barium	493.41	0.14	200	92.4	~~B~~ J	1	ICPST	1/6/02	17:13
Beryllium	313.04	0.40	5.0	1.8	~~B~~ B	1	ICPST	1/6/02	17:13
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	17:13
Calcium	317.93	12.2	5000	281000		1	ICPST	1/6/02	17:13
Chromium	267.72	1.1	5.0	2.1	~~B~~ B	1	ICPST	1/6/02	17:13
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/6/02	17:13
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	17:13
Iron	271.44	45.0	100	52.4	~~BN~~ L	1	ICPST	1/6/02	17:13
Lead	220.35	1.8	3.0	2.2	~~B~~ B	1	ICPST	1/6/02	17:13
Magnesium	279.08	7.1	5000	15.9	~~B~~ J	1	ICPST	1/6/02	17:13
Manganese	257.61	0.47	15.0	0.80	~~B~~ B	1	ICPST	1/6/02	17:13
Nickel	231.60	2.4	40.0	13.5	~~B~~ J	1	ICPST	1/6/02	17:13
Potassium	766.49	519	5000	81800		1	ICP	1/2/02	18:46
Selenium	220.35	3.2	5.0	5.5		1	ICPST	1/6/02	17:13
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/6/02	17:13
Sodium	589	15.0	5000	236000		1	ICP	1/2/02	18:46
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	17:13
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:46
Vanadium	292.40	1.5	50.0	75.4		1	ICPST	1/6/02	17:13
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/6/02	17:13

SMM 2/7/2002

Comments: Lot #: C1L050251 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP07G **Client ID:** HI02-PZM032

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	16:47
Arsenic	**189.04**	**2.0**	**10.0**	**44.7**		**1**	**ICPST**	**1/6/02**	**16:47**
Barium	**493.41**	**0.14**	**200**	**40.2**	~~B~~	~~B~~ 1	**ICPST**	**1/6/02**	**16:47**
Beryllium	**313.04**	**0.40**	**5.0**	**1.1**	~~B~~	~~B~~ 1	**ICPST**	**1/6/02**	**16:47**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	16:47
Calcium	**317.93**	**12.2**	**5000**	**28400**		**1**	**ICPST**	**1/6/02**	**16:47**
Chromium	**267.72**	**1.1**	**5.0**	**1.6**	~~B~~	~~B~~ 1	**ICPST**	**1/6/02**	**16:47**
Cobalt	**228.62**	**0.86**	**50.0**	**1.8**	~~B~~	J 1	**ICPST**	**1/6/02**	**16:47**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	16:47
Iron	**271.44**	**45.0**	**100**	**28100**	~~N~~	L 1	**ICPST**	**1/6/02**	**16:47**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/6/02	16:47
Magnesium	**279.08**	**7.1**	**5000**	**29400**		**1**	**ICPST**	**1/6/02**	**16:47**
Manganese	**257.61**	**0.47**	**15.0**	**1770**		**1**	**ICPST**	**1/6/02**	**16:47**
Nickel	231.60	2.4	40.0	3.0	~~B~~	J 1	ICPST	1/6/02	16:47
Potassium	**766.49**	**519**	**5000**	**5870**		**1**	**ICP**	**1/2/02**	**18:33**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	16:47
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/6/02	16:47
Sodium	**589**	**15.0**	**5000**	**305000**		**1**	**ICP**	**1/2/02**	**18:33**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	16:47
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:33
Vanadium	**292.40**	**1.5**	**50.0**	**9.5**	~~B~~	J 1	**ICPST**	**1/6/02**	**16:47**
Zinc	**213.86**	**1.5**	**20.0**	**4.4**	~~B~~	~~B~~ 1	**ICPST**	**1/6/02**	**16:47**

SMK 2/17/02

Comments: Lot #: C1L050251 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP07P **Client ID:** FM03-PZM026

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	16:51
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/6/02	16:51
Barium	493.41	0.14	200	56.2	~~B~~ B	1	ICPST	1/6/02	16:51
Beryllium	313.04	0.40	5.0	1.8	~~B~~ B	1	ICPST	1/6/02	16:51
Cadmium	226.50	0.63	5.0	3.3	~~B~~ J	1	ICPST	1/6/02	16:51
Calcium	317.93	12.2	5000	120000		1	ICPST	1/6/02	16:51
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/6/02	16:51
Cobalt	228.62	0.86	50.0	305		1	ICPST	1/6/02	16:51
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	16:51
Iron	271.44	45.0	100	316000	~~J~~ L	1	ICPST	1/6/02	16:51
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/6/02	16:51
Magnesium	279.08	7.1	5000	103000		1	ICPST	1/6/02	16:51
Manganese	257.61	0.94	30.0	17300		2	ICPST	1/7/02	12:09
Nickel	231.60	2.4	40.0	111		1	ICPST	1/6/02	16:51
Potassium	766.49	519	5000	4600	~~B~~ J	1	ICP	1/2/02	18:36
Selenium	220.35	6.4	10.0	6.4	U	2	ICPST	1/7/02	12:09
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/6/02	16:51
Sodium	589	15.0	5000	217000		1	ICP	1/2/02	18:36
Thallium	190.86	11.5	20.0	11.5	U	2	ICPST	1/8/02	10:13
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:36
Vanadium	292.40	1.5	50.0	48.9	~~B~~ J	1	ICPST	1/6/02	16:51
Zinc	213.86	1.5	20.0	3610		1	ICPST	1/6/02	16:51

smk 2/7/2002

Comments: Lot #: C1L050251 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP07T **Client ID:** EQUIPMENT BLANK #7

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	16:55
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/6/02	16:55
Barium	**493.41**	**0.14**	**200**	**12.3**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:55**
Beryllium	313.04	0.40	5.0	1.8	~~B~~ J	1	ICPST	1/6/02	16:55
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	16:55
Chromium	**267.72**	**1.1**	**5.0**	**1.9**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:55**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/6/02	16:55
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	16:55
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/6/02	16:55
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/6/02	16:55
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	16:55
Silver	**328.07**	**0.75**	**5.0**	**0.89**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:55**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	16:55
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:40
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/6/02	16:55
Zinc	**213.86**	**1.5**	**20.0**	**30.8**		1	**ICPST**	**1/6/02**	**16:55**

smk 2/7/2002

Comments: Lot #: C1L050251 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP07X **Client ID:** EQUIPMENT BLANK #8

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	17:09
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/6/02	17:09
Barium	**493.41**	**0.14**	**200**	**12.1**	~~B~~	1	**ICPST**	**1/6/02**	**17:09**
Beryllium	**313.04**	**0.40**	**5.0**	**1.9**	~~B~~	1	**ICPST**	1/6/02	**17:09**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	17:09
Calcium	**317.93**	**12.2**	**5000**	**3400**	~~B~~	1	**ICPST**	**1/6/02**	**17:09**
Chromium	**267.72**	**1.1**	**5.0**	**2.5**	~~B~~	1	**ICPST**	**1/6/02**	**17:09**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/6/02	17:09
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	17:09
Iron	271.44	45.0	100	45.0	~~U~~	1	ICPST	1/6/02	17:09
Lead	**220.35**	**1.8**	**3.0**	**2.0**	~~B~~	1	**ICPST**	**1/6/02**	**17:09**
Magnesium	**279.08**	**7.1**	**5000**	**1100**	~~B~~	1	**ICPST**	**1/6/02**	**17:09**
Manganese	**257.61**	**0.47**	**15.0**	**1.4**	~~B~~	1	**ICPST**	**1/6/02**	**17:09**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/6/02	17:09
Potassium	766.49	519	5000	519	U	1	ICP	1/2/02	18:43
Selenium	**220.35**	**3.2**	**5.0**	**3.4**	~~B~~	1	**ICPST**	**1/6/02**	**17:09**
Silver	**328.07**	**0.75**	**5.0**	**0.96**	~~B~~	1	**ICPST**	**1/6/02**	**17:09**
Sodium	**589**	**15.0**	**5000**	**1750**	~~B~~	1	**ICP**	**1/2/02**	**18:43**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	17:09
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:43
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/6/02	17:09
Zinc	**213.86**	**1.5**	**20.0**	**30.6**		**1**	**ICPST**	**1/6/02**	**17:09**

smk 2/7/2002

Comments: Lot #: C1L050251 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35A **Client ID:** CP14-PZM062

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	17:17
Arsenic	189.04	2.0	10.0	8.5	B	J 1	ICPST	1/6/02	17:17
Barium	493.41	0.14	200	35.0	B	J 1	ICPST	1/6/02	17:17
Beryllium	313.04	0.40	5.0	1.1	B	B 1	ICPST	1/6/02	17:17
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	17:17
Calcium	317.93	12.2	5000	147000		1	ICPST	1/6/02	17:17
Chromium	267.72	1.1	5.0	3.2	B	B 1	ICPST	1/6/02	17:17
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/6/02	17:17
Copper	324.75	0.77	25.0	0.93	B	J 1	ICPST	1/6/02	17:17
Iron	271.44	45.0	100	813	N	L 1	ICPST	1/6/02	17:17
Lead	220.35	1.8	3.0	2.0	B	B 1	ICPST	1/6/02	17:17
Magnesium	279.08	7.1	5000	44400		1	ICPST	1/6/02	17:17
Manganese	257.61	0.47	15.0	41.6		1	ICPST	1/6/02	17:17
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/6/02	17:17
Potassium	766.49	519	5000	55200		1	ICP	1/2/02	18:49
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	17:17
Silver	328.07	0.75	5.0	1.3	B	B 1	ICPST	1/6/02	17:17
Sodium	589	75.0	25000	888000		5	ICP	1/3/02	13:15
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	17:17
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:49
Vanadium	292.40	1.5	50.0	27.5	B	J 1	ICPST	1/6/02	17:17
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/6/02	17:17

SMM 2/7/2002

Comments: Lot #: CIL060328 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35D **Client ID:** CP14-PZM009

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	17:22
Arsenic	189.04	2.0	10.0	2.5	~~B~~ J	1	ICPST	1/6/02	17:22
Barium	493.41	0.14	200	354		1	ICPST	1/6/02	17:22
Beryllium	313.04	0.40	5.0	1.1	~~B~~ B	1	ICPST	1/6/02	17:22
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	17:22
Calcium	317.93	24.4	10000	882000		2	ICPST	1/7/02	15:09
Chromium	267.72	1.1	5.0	3.3	~~B~~ B	1	ICPST	1/6/02	17:22
Cobalt	228.62	0.86	50.0	0.95	~~B~~ J	1	ICPST	1/6/02	17:22
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	17:22
Iron	271.44	45.0	100	129	~~N~~ L	1	ICPST	1/6/02	17:22
Lead	220.35	1.8	3.0	2.6	~~B~~ B	1	ICPST	1/6/02	17:22
Magnesium	279.08	7.1	5000	225	~~B~~ J	1	ICPST	1/6/02	17:22
Manganese	257.61	0.47	15.0	35.6		1	ICPST	1/6/02	17:22
Nickel	231.60	2.4	40.0	5.3	~~B~~ J	1	ICPST	1/6/02	17:22
Potassium	766.49	519	5000	43200		1	ICP	1/2/02	18:58
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	17:22
Silver	328.07	0.75	5.0	0.97	~~B~~ B	1	ICPST	1/6/02	17:22
Sodium	589	15.0	5000	102000		1	ICP	1/2/02	18:58
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	17:22
Tin	189.99	28.8	100	28.8	~~U~~	1	ICP	1/2/02	18:58
Vanadium	292.40	1.5	50.0	3.1	~~B~~ J	1	ICPST	1/6/02	17:22
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/6/02	17:22

smh 2/7/2002

Comments: Lot #: C1L060328 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35F **Client ID:** CP08-PZM034

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	17:26
Arsenic	**189.04**	**2.0**	**10.0**	**10.8**		**1**	**ICPST**	**1/6/02**	**17:26**
Barium	**493.41**	**0.14**	**200**	**44.9**	**B**	**J 1**	**ICPST**	**1/6/02**	**17:26**
Beryllium	**313.04**	**0.40**	**5.0**	**1.7**	**B**	**B 1**	**ICPST**	**1/6/02**	**17:26**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	17:26
Calcium	**317.93**	**12.2**	**5000**	**123000**		**1**	**ICPST**	**1/6/02**	**17:26**
Chromium	**267.72**	**1.1**	**5.0**	**4.7**	**B**	**B 1**	**ICPST**	**1/6/02**	**17:26**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/6/02	17:26
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	17:26
Iron	271.44	450	1000	450	U	L 10	ICPST	1/7/02	15:14
Lead	**220.35**	**1.8**	**3.0**	**2.3**	**B**	**B 1**	**ICPST**	**1/6/02**	**17:26**
Magnesium	**279.08**	**7.1**	**5000**	**272000**		**1**	**ICPST**	**1/6/02**	**17:26**
Manganese	**257.61**	**0.47**	**15.0**	**701**		**1**	**ICPST**	**1/6/02**	**17:26**
Nickel	231.60	2.4	40.0	9.5	B	J 1	ICPST	1/6/02	17:26
Potassium	**766.49**	**519**	**5000**	**71100**		**1**	**ICP**	**1/2/02**	**19:02**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	17:26
Silver	**328.07**	**0.75**	**5.0**	**1.1**	**B**	**B 1**	**ICPST**	**1/6/02**	**17:26**
Sodium	**589**	**150**	**50000**	**1940000**		**10**	**ICP**	**1/3/02**	**13:18**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	17:26
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	19:02
Vanadium	**292.40**	**1.5**	**50.0**	**140**		**1**	**ICPST**	**1/6/02**	**17:26**
Zinc	**213.86**	**1.5**	**20.0**	**6.8**	**B**	**J 1**	**ICPST**	**1/6/02**	**17:26**

SMK 2/7/2002

Comments: Lot #: C1L060328 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35H **Client ID:** CP02-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.8	B	J 1	ICPST	1/6/02	17:31
Arsenic	189.04	2.0	10.0	36.4		1	ICPST	1/6/02	17:31
Barium	493.41	0.14	200	12.9	B	J 1	ICPST	1/6/02	17:31
Beryllium	313.04	0.40	5.0	2.3	B	B 1	ICPST	1/6/02	17:31
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	17:31
Calcium	317.93	12.2	5000	541000		1	ICPST	1/6/02	17:31
Chromium	267.72	1.1	5.0	4.6	B	B 1	ICPST	1/6/02	17:31
Cobalt	228.62	0.86	50.0	14.8	B	J 1	ICPST	1/6/02	17:31
Copper	324.75	0.77	25.0	23.7	B	J 1	ICPST	1/6/02	17:31
Iron	271.44	45.0	100	45.0	UN	L 1	ICPST	1/6/02	17:31
Lead	220.35	1.8	3.0	9.0		B 1	ICPST	1/6/02	17:31
Magnesium	279.08	7.1	5000	37800		1	ICPST	1/6/02	17:31
Manganese	257.61	0.47	15.0	230		1	ICPST	1/6/02	17:31
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/6/02	17:31
Potassium	766.49	519	5000	42100		1	ICP	1/2/02	19:05
Selenium	220.35	3.2	5.0	756		1	ICPST	1/6/02	17:31
Silver	328.07	0.75	5.0	0.84	B	B 1	ICPST	1/6/02	17:31
Sodium	589	15.0	5000	239000		1	ICP	1/2/02	19:05
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	17:31
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	19:05
Vanadium	292.40	1.5	50.0	230		1	ICPST	1/6/02	17:31
Zinc	213.86	1.5	20.0	3.6	B	J 1	ICPST	1/6/02	17:31

SMK 2/7/2002

Comments: Lot #: C1L060328 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35J **Client ID:** CP02-PZM026

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	17:35
Arsenic	189.04	2.0	10.0	6.2	B	1	ICPST	1/6/02	17:35
Barium	493.41	0.14	200	56.5	B	1	ICPST	1/6/02	17:35
Beryllium	313.04	0.40	5.0	0.53	B	1	ICPST	1/6/02	17:35
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	17:35
Calcium	317.93	24.4	10000	644000		2	ICPST	1/7/02	15:18
Chromium	267.72	1.1	5.0	7.4		1	ICPST	1/6/02	17:35
Cobalt	228.62	0.86	50.0	44.8	B	1	ICPST	1/6/02	17:35
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	17:35
Iron	271.44	45.0	100	28500		1	ICPST	1/6/02	17:35
Lead	220.35	1.8	3.0	2.8	B	1	ICPST	1/6/02	17:35
Magnesium	279.08	7.1	5000	99500		1	ICPST	1/6/02	17:35
Manganese	257.61	0.94	30.0	15100		2	ICPST	1/7/02	12:23
Nickel	231.60	2.4	40.0	5.4	B	1	ICPST	1/6/02	17:35
Potassium	766.49	519	5000	21200		1	ICP	1/2/02	19:08
Selenium	220.35	6.4	10.0	6.4	U	2	ICPST	1/7/02	12:23
Silver	328.07	0.75	5.0	4.5	B	1	ICPST	1/6/02	17:35
Sodium	589	75.0	25000	1190000		5	ICP	1/3/02	13:21
Thallium	190.86	11.5	20.0	11.5	U	2	ICPST	1/7/02	15:18
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	19:08
Vanadium	292.40	1.5	50.0	14.5	B	1	ICPST	1/6/02	17:35
Zinc	213.86	1.5	20.0	6.3	B	1	ICPST	1/6/02	17:35

smm 4/17/2002

Comments: Lot #: C1L060328 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35L **Client ID:** CP12-PZM052

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	17:39
Arsenic	**189.04**	**2.0**	**10.0**	**5.0**	~~B~~ J	1	ICPST	1/6/02	17:39
Barium	**493.41**	**0.14**	**200**	**29.1**	~~B~~ J	1	ICPST	1/6/02	17:39
Beryllium	**313.04**	**0.40**	**5.0**	**0.50**	~~B~~ B	1	ICPST	1/6/02	17:39
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	17:39
Calcium	**317.93**	**12.2**	**5000**	**127000**		1	ICPST	1/6/02	17:39
Chromium	**267.72**	**1.1**	**5.0**	**3.9**	~~B~~ B	1	ICPST	1/6/02	17:39
Cobalt	**228.62**	**0.86**	**50.0**	**1.2**	~~B~~ J	1	ICPST	1/6/02	17:39
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	17:39
Iron	271.44	45.0	100	45.0	UL	1	ICPST	1/6/02	17:39
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/6/02	17:39
Magnesium	**279.08**	**7.1**	**5000**	**274000**		1	ICPST	1/6/02	17:39
Manganese	**257.61**	**0.47**	**15.0**	**296**		1	ICPST	1/6/02	17:39
Nickel	231.60	2.4	40.0	4.1	~~B~~ J	1	ICPST	1/6/02	17:39
Potassium	**766.49**	**519**	**5000**	**79400**		1	ICP	1/2/02	19:11
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	17:39
Silver	**328.07**	**0.75**	**5.0**	**1.5**	~~B~~ B	1	ICPST	1/6/02	17:39
Sodium	**589**	**150**	**50000**	**2140000**		10	ICP	1/3/02	13:24
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	17:39
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	19:11
Vanadium	**292.40**	**1.5**	**50.0**	**18.7**	~~B~~ J	1	ICPST	1/6/02	17:39
Zinc	**213.86**	**1.5**	**20.0**	**9.6**	~~B~~ J	1	ICPST	1/6/02	17:39

SMK 2/7/2002

Comments: Lot #: C1L060328 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP35N **Client ID:** CP12-PZM012

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	17:44
Arsenic	**189.04**	**2.0**	**10.0**	**3.0**	~~B~~ J	1	**ICPST**	**1/6/02**	**17:44**
Barium	**493.41**	**0.14**	**200**	**135**	~~B~~ J	1	**ICPST**	**1/6/02**	**17:44**
Beryllium	**313.04**	**0.40**	**5.0**	**0.46**	~~B~~ B	1	**ICPST**	**1/6/02**	**17:44**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	17:44
Chromium	**267.72**	**1.1**	**5.0**	**2.4**	~~B~~ B	1	**ICPST**	**1/6/02**	**17:44**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/6/02	17:44
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	17:44
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/6/02	17:44
Nickel	**231.60**	**2.4**	**40.0**	**2.9**	~~B~~ J	1	**ICPST**	**1/6/02**	**17:44**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	17:44
Silver	**328.07**	**0.75**	**5.0**	**1.0**	~~B~~ B	1	**ICPST**	**1/6/02**	**17:44**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	17:44
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	19:14
Vanadium	**292.40**	**1.5**	**50.0**	**5.1**	~~B~~ J	1	**ICPST**	**1/6/02**	**17:44**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/6/02	17:44

SMK 2/7/2002

Comments: Lot #: C1L060328 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWT4 **Client ID:** TM07-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	15:49
Arsenic	**189.04**	**2.0**	**10.0**	**3.1**	~~B~~ J	1	**ICPST**	**1/6/02**	**15:49**
Barium	**493.41**	**0.14**	**200**	**55.3**	~~B~~ J	1	**ICPST**	**1/6/02**	**15:49**
Beryllium	**313.04**	**0.40**	**5.0**	**1.8**	~~B~~ B	1	**ICPST**	**1/6/02**	**15:49**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	15:49
Calcium	**317.93**	**12.2**	**5000**	**73700**		**1**	**ICPST**	**1/6/02**	**15:49**
Chromium	**267.72**	**1.1**	**5.0**	**2.8**	~~B~~ B	1	**ICPST**	**1/6/02**	**15:49**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/6/02	15:49
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	15:49
Iron	271.44	45.0	100	45.0	~~U~~ L	1	ICPST	1/6/02	15:49
Lead	**220.35**	**1.8**	**3.0**	**2.0**	~~B~~ B	1	**ICPST**	**1/6/02**	**15:49**
Magnesium	**279.08**	**7.1**	**5000**	**115**	~~B~~ J	1	**ICPST**	**1/6/02**	**15:49**
Manganese	257.61	0.47	15.0	0.47	U	1	ICPST	1/6/02	15:49
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/6/02	15:49
Potassium	**766.49**	**519**	**5000**	**33900**		**1**	**ICP**	**1/2/02**	**17:52**
Selenium	**220.35**	**3.2**	**5.0**	**6.7**		**1**	**ICPST**	**1/6/02**	**15:49**
Silver	**328.07**	**0.75**	**5.0**	**1.2**	~~B~~	B 1	**ICPST**	**1/6/02**	**15:49**
Sodium	**589**	**15.0**	**5000**	**82400**		**1**	**ICP**	**1/2/02**	**17:52**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	15:49
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	17:52
Vanadium	**292.40**	**1.5**	**50.0**	**133**		**1**	**ICPST**	**1/6/02**	**15:49**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/6/02	15:49

smk 2/7/2002

Comments: Lot #: C1L040205 Sample #: 1 NOTE: Sample analysis was not required for CA, FE, MG, MN, K and NA on this sample, analytes were reported for batch Q.C. purposes.

Version 4.97.1 U Result is less than the MDL *Form 1 Equivalent*

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWVH **Client ID:** TM07-PZM005 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	16:16
Arsenic	**189.04**	**2.0**	**10.0**	**3.0**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:16**
Barium	**493.41**	**0.14**	**200**	**55.5**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:16**
Beryllium	**313.04**	**0.40**	**5.0**	**2.2**	~~B~~ B	1	**ICPST**	**1/6/02**	**16:16**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	16:16
Chromium	**267.72**	**1.1**	**5.0**	**3.1**	~~B~~ B	1	**ICPST**	**1/6/02**	**16:16**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/6/02	16:16
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	16:16
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/6/02	16:16
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/6/02	16:16
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	16:16
Silver	**328.07**	**0.75**	**5.0**	**0.95**	~~B~~ B	1	**ICPST**	**1/6/02**	**16:16**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	16:16
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:05
Vanadium	**292.40**	**1.5**	**50.0**	**131**		1	**ICPST**	**1/6/02**	**16:16**
Zinc	**213.86**	**1.5**	**20.0**	**1.9**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:16**

SMK 2/7/2002

Comments: Lot #: C1L040205 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWVL **Client ID:** TM07-PZM045

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	16:20
Arsenic	**189.04**	**2.0**	**10.0**	**7.8**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:20**
Barium	**493.41**	**0.14**	**200**	**90.4**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:20**
Beryllium	**313.04**	**0.40**	**5.0**	**1.2**	~~B~~ B	1	**ICPST**	**1/6/02**	**16:20**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	16:20
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/6/02	16:20
Cobalt	**228.62**	**0.86**	**50.0**	**8.2**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:20**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	16:20
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/6/02	16:20
Nickel	**231.60**	**2.4**	**40.0**	**6.7**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:20**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	16:20
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/6/02	16:20
Thallium	**190.86**	**5.7**	**10.0**	**16.6**		1	**ICPST**	**1/6/02**	**16:20**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:08
Vanadium	**292.40**	**1.5**	**50.0**	**24.4**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:20**
Zinc	**213.86**	**1.5**	**20.0**	**3.5**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:20**

SMK 2/7/2002

Comments: Lot #: C1L040205 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWVP **Client ID:** TM06-PZM034

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	16:25
Arsenic	189.04	2.0	10.0	16.7		1	ICPST	1/6/02	16:25
Barium	493.41	0.14	200	55.2	B	J 1	ICPST	1/6/02	16:25
Beryllium	313.04	0.40	5.0	1.4	B	B 1	ICPST	1/6/02	16:25
Cadmium	226.50	0.63	5.0	1.1	B	J 1	ICPST	1/6/02	16:25
Calcium	317.93	12.2	5000	96000		1	ICPST	1/6/02	16:25
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/6/02	16:25
Cobalt	228.62	0.86	50.0	8.8	B	J 1	ICPST	1/6/02	16:25
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	16:25
Iron	271.44	45.0	100	216000	N	L 1	ICPST	1/6/02	16:25
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/6/02	16:25
Magnesium	279.08	7.1	5000	197000		1	ICPST	1/6/02	16:25
Manganese	257.61	0.47	15.0	9130		1	ICPST	1/6/02	16:25
Nickel	231.60	2.4	40.0	7.3	B	J 1	ICPST	1/6/02	16:25
Potassium	766.49	519	5000	27700		1	ICP	1/2/02	18:11
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/7/02	11:44
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/6/02	16:25
Sodium	589	75.0	25000	1220000		5	ICP	1/3/02	13:08
Thallium	190.86	5.7	10.0	36.5		1	ICPST	1/6/02	16:25
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:11
Vanadium	292.40	1.5	50.0	31.4	B	J 1	ICPST	1/6/02	16:25
Zinc	213.86	1.5	20.0	8.1	B	J 1	ICPST	1/6/02	16:25

SMK 2/7/2002

Comments: Lot #: C1L040205 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWWC **Client ID:** TM06-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	16:29
Arsenic	189.04	2.0	10.0	2.9	~~B~~ J	1	ICPST	1/6/02	16:29
Barium	493.41	0.14	200	38.4	~~B~~ J	1	ICPST	1/6/02	16:29
Beryllium	313.04	0.40	5.0	1.3	~~B~~ B	1	ICPST	1/6/02	16:29
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	16:29
Chromium	267.72	1.1	5.0	3.9	~~B~~ B	1	ICPST	1/6/02	16:29
Cobalt	228.62	0.86	50.0	0.88	~~B~~ J	1	ICPST	1/6/02	16:29
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	16:29
Lead	220.35	1.8	3.0	2.4	~~B~~ B	1	ICPST	1/6/02	16:29
Nickel	231.60	2.4	40.0	3.7	~~B~~ J	1	ICPST	1/6/02	16:29
Selenium	220.35	3.2	5.0	4.6	~~B~~ J	1	ICPST	1/6/02	16:29
Silver	328.07	0.75	5.0	2.1	~~B~~ B	1	ICPST	1/6/02	16:29
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	16:29
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:21
Vanadium	292.40	1.5	50.0	12.3	~~B~~ J	1	ICPST	1/6/02	16:29
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/6/02	16:29

SMK 2/7/2002

Comments: Lot #: C1L040205 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWWH **Client ID:** TM04-PZM028

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	16:33
Arsenic	**189.04**	**2.0**	**10.0**	**2.2**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:33**
Barium	**493.41**	**0.14**	**200**	**28.9**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:33**
Beryllium	**313.04**	**0.40**	**5.0**	**1.2**	~~B~~ B	1	**ICPST**	**1/6/02**	**16:33**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	16:33
Chromium	**267.72**	**1.1**	**5.0**	**1.2**	~~B~~ B	1	**ICPST**	**1/6/02**	**16:33**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/6/02	16:33
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	16:33
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/6/02	16:33
Nickel	**231.60**	**2.4**	**40.0**	**6.0**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:33**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	16:33
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/6/02	16:33
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	16:33
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:24
Vanadium	**292.40**	**1.5**	**50.0**	**5.5**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:33**
Zinc	**213.86**	**1.5**	**20.0**	**3.6**	~~B~~ J	1	**ICPST**	**1/6/02**	**16:33**

smk 2/7/2002

Comments: Lot #: C1L040205 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWWP **Client ID:** TM04-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	16:38
Arsenic	**189.04**	**2.0**	**10.0**	**2.1**	**B**	**1**	**ICPST**	**1/6/02**	**16:38**
Barium	**493.41**	**0.14**	**200**	**41.0**	**B**	**1**	**ICPST**	**1/6/02**	**16:38**
Beryllium	**313.04**	**0.40**	**5.0**	**1.3**	**B**	**1**	**ICPST**	**1/6/02**	**16:38**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/6/02	16:38
Chromium	**267.72**	**1.1**	**5.0**	**2.9**	**B**	**1**	**ICPST**	**1/6/02**	**16:38**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/6/02	16:38
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	16:38
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/6/02	16:38
Nickel	**231.60**	**2.4**	**40.0**	**8.5**	**B**	**1**	**ICPST**	**1/6/02**	**16:38**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	16:38
Silver	**328.07**	**0.75**	**5.0**	**1.3**	**B**	**1**	**ICPST**	**1/6/02**	**16:38**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/6/02	16:38
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:27
Vanadium	**292.40**	**1.5**	**50.0**	**15.8**	**B**	**1**	**ICPST**	**1/6/02**	**16:38**
Zinc	**213.86**	**1.5**	**20.0**	**2.5**	**B**	**1**	**ICPST**	**1/6/02**	**16:38**

smt 2/7/2002

Comments: Lot #: C1L040205 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWWT **Client ID:** TM04-PZM056

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/01 **Prep Batch:** 1352118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/6/02	16:42
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/6/02	16:42
Barium	493.41	0.14	200	601		1	ICPST	1/6/02	16:42
Beryllium	313.04	0.40	5.0	1.5	~~B~~	~~B~~ 1	ICPST	1/6/02	16:42
Cadmium	226.50	0.63	5.0	0.74	~~B~~	J 1	ICPST	1/6/02	16:42
Calcium	317.93	12.2	5000	121000		1	ICPST	1/6/02	16:42
Chromium	267.72	1.1	5.0	6.4		1	ICPST	1/6/02	16:42
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/6/02	16:42
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/6/02	16:42
Iron	271.44	45.0	100	119000	~~N~~	L 1	ICPST	1/6/02	16:42
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/6/02	16:42
Magnesium	279.08	7.1	5000	105000		1	ICPST	1/6/02	16:42
Manganese	257.61	0.47	15.0	6260		1	ICPST	1/6/02	16:42
Nickel	231.60	2.4	40.0	2.9	~~B~~	1	ICPST	1/6/02	16:42
Potassium	766.49	519	5000	25800		1	ICP	1/2/02	18:30
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/6/02	16:42
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/6/02	16:42
Sodium	589	75.0	25000	909000		5	ICP	1/3/02	13:12
Thallium	190.86	5.7	10.0	13.2		1	ICPST	1/6/02	16:42
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	18:30
Vanadium	292.40	1.5	50.0	23.7	~~B~~	J 1	ICPST	1/6/02	16:42
Zinc	213.86	1.5	20.0	3.3	~~B~~	J 1	ICPST	1/6/02	16:42

smk 2/7/2002

Comments: Lot #: C1L040205 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

CH2M Hill BS Sparrows Point

Bicarbonate Alkalinity

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 310.1
Lot Number: C1L040205
Date/Time Received: 12/4/01 10:15:00AM
SDG Number: SPC003

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
TM06-PZM034	004	EPWVP1A4	249	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
TM04-PZM056	008	EPWWT1A4	163	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
HI02-PZM032	001	EP07G1A4	177	mg/L	5.0	1	12/18/01 - 12/18/01	1352348
FM03-PZM026	002	EP07P1AF	98.9	mg/L	5.0	1	12/18/01 - 12/18/01	1352348
EQUIPMENT BLANK #8	004	EP07X1AF	ND	mg/L	5.0	1	12/18/01 - 12/18/01	1352348
TM02-PZM009	005	EP0701A3	ND	mg/L	5.0	1	12/18/01 - 12/18/01	1352348
CP14-PZM062	001	EP35A1A4	68.0	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
CP14-PZM009	002	EP35D1AF	ND	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
CP08-PZM034	003	EP35F1AF	816	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
CP02-PZM007	004	EP35H1AF	ND	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
CP02-PZM026	005	EP35J1A4	208	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
CP12-PZM052	006	EP35L1AF	241	mg/L	5.0	1	12/7/01 - 12/7/01	1341473

SMK 2/7/2002

CH2M Hill BS Sparrows Point

Available Cyanide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 1677 - Cyani
Lot Number: C1L040205
Date/Time Received: 12/4/01 10:15:00AM
SDG Number: SPC003

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
TM07-PZM005	001	EPWT41DA	0.91 J	mg/L	0.010	5	12/5/01 - 12/5/01	1339264
TM07-PZM005 DUP	002	EPWVH1A0	0.89 J	mg/L	0.010	5	12/5/01 - 12/5/01	1339264
TM07-PZM045	003	EPWVL1A0	0.0060 J	mg/L	0.0020	1	12/5/01 - 12/5/01	1339264
TM06-PZM034	004	EPWVP1A0	0.029 J	mg/L	0.0020	1	12/5/01 - 12/5/01	1339264
TM06-PZM008	005	EPWWC1A0	2.6 J	mg/L	0.020	10	12/5/01 - 12/5/01	1339264
TM04-PZM028	006	EPWWH1A0	2.6 J	mg/L	0.020	10	12/5/01 - 12/5/01	1339264
TM04-PZM006	007	EPWWP1A0	1.9 J	mg/L	0.020	10	12/5/01 - 12/5/01	1339264
TM04-PZM056	008	EPWWT1A0	0.13 J	mg/L	0.0020	1	12/5/01 - 12/5/01	1339264
HI02-PZM032	001	EP07G1A0	0.018 J	mg/L	0.0020	1	12/17/01 - 12/17/01	1351428
FM03-PZM026	002	EP07P1AA	0.027 J	mg/L	0.0020	1	12/17/01 - 12/17/01	1351428
EQUIPMENT BLANK #7	003	EP07T1A0	0.0012 B J	mg/L	0.0020	1	12/17/01 - 12/17/01	1351428
EQUIPMENT BLANK #8	004	EP07X1AA	0.00060 B J	mg/L	0.0020	1	12/17/01 - 12/17/01	1351428
TM02-PZM009	005	EP0701AX	3.7 J	mg/L	0.010	5	12/17/01 - 12/17/01	1351428
CP14-PZM062	001	EP35A1A0	0.12 J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
CP14-PZM009	002	EP35D1AA	0.82 J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
CP08-PZM034	003	EP35F1AA	0.040 J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
CP02-PZM007	004	EP35H1AA	0.022 J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
CP02-PZM026	005	EP35J1A0	0.0086 J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
CP12-PZM052	006	EP35L1AA	0.017 J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
CP12-PZM012	007	EP35N1A0	0.17 J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SMK 2/7/2002

CH2M Hill BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L040205
Date/Time Received: 12/4/01 10:15:00AM
SDG Number: SPC003

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
TM06-PZM034	004	EPWVP1A2	2160	mg/L	25.0	25	12/5/01 - 12/5/01	1338322
TM04-PZM056	008	EPWWT1A2	1900	mg/L	25.0	25	12/5/01 - 12/5/01	1338322
HI02-PZM032	001	EP07G1A2	292	mg/L	5.0	5	12/26/01 - 12/28/01	1361126
FM03-PZM026	002	EP07P1AD	287	mg/L	10.0	10	12/26/01 - 12/28/01	1361126
EQUIPMENT BLANK #8	004	EP07X1AD	1.5	mg/L	1.0	1	12/26/01 - 12/28/01	1361126
TM02-PZM009	005	EP0701A1	278	mg/L	10.0	10	12/26/01 - 12/28/01	1361126
CP14-PZM062	001	EP35A1A2	1700	mg/L	10.0	10	12/26/01 - 12/28/01	1361126
CP14-PZM009	002	EP35D1AD	127	mg/L	1.0	1	12/26/01 - 12/28/01	1361126
CP08-PZM034	003	EP35F1AD	3090	mg/L	25.0	25	12/26/01 - 12/28/01	1361126
CP02-PZM007	004	EP35H1AD	137	mg/L	1.0	1	12/26/01 - 12/28/01	1361126
CP02-PZM026	005	EP35J1A2	721	mg/L	10.0	10	12/26/01 - 12/28/01	1361126
CP12-PZM052	006	EP35L1AD	3830	mg/L	25.0	25	12/26/01 - 12/28/01	1361126

smt 2/17/02

CH2M Hill BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L040205
Date/Time Received: 12/4/01 10:15:00AM
SDG Number: SPC003

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
TM06-PZM034	004	EPWVP1A3	701	mg/L	10.0	10	12/5/01 - 12/5/01	1338323
TM04-PZM056	008	EPWWT1A3	38.6	mg/L	1.0	1	12/5/01 - 12/5/01	1338323
HI02-PZM032	001	EP07G1A3	275	mg/L	5.0	5	12/26/01 - 12/28/01	1361128
FM03-PZM026	002	EP07P1AE	1250	mg/L	10.0	10	12/26/01 - 12/28/01	1361128
EQUIPMENT BLANK #8	004	EP07X1AE	6.6	mg/L	1.0	1	12/26/01 - 12/28/01	1361128
TM02-PZM009	005	EP0701A2	575	mg/L	10.0	10	12/26/01 - 12/28/01	1361128
CP14-PZM062	001	EP35A1A3	25.4	mg/L	1.0	1	12/26/01 - 12/28/01	1361128
CP14-PZM009	002	EP35D1AE	131	mg/L	1.0	1	12/26/01 - 12/28/01	1361128
CP08-PZM034	003	EP35F1AE	337	mg/L	10.0	10	12/26/01 - 12/28/01	1361128
CP02-PZM007	004	EP35H1AE	1760	mg/L	10.0	10	12/26/01 - 12/28/01	1361128
CP02-PZM026	005	EP35J1A3	1810	mg/L	10.0	10	12/26/01 - 12/28/01	1361128
CP12-PZM052	006	EP35L1AE	387	mg/L	10.0	10	12/26/01 - 12/28/01	1361128

smt 2/7/02

CH2M Hill BS Sparrows Point

Total Sulfide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: SW846 9030B/9034
Lot Number: C1L040205
Date/Time Received: 12/4/01 10:15:00AM
SDG Number: SPC003

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
TM07-PZM005	001	EPWT41DE	ND	mg/L	1.0	1	12/6/01 -12/6/01	1340181
TM07-PZM005 DUP	002	EPWVH1A1	ND	mg/L	1.0	1	12/6/01 -12/6/01	1340181
TM07-PZM045	003	EPWVL1A1	ND	mg/L	1.0	1	12/6/01 -12/6/01	1340181
TM06-PZM034	004	EPWVP1A1	ND	mg/L	1.0	1	12/6/01 -12/6/01	1340181
TM06-PZM008	005	EPWWC1A1	ND	mg/L	1.0	1	12/6/01 -12/6/01	1340181
TM04-PZM028	006	EPWWH1A1	ND	mg/L	1.0	1	12/6/01 -12/6/01	1340181
TM04-PZM006	007	EPWWP1A1	ND	mg/L	1.0	1	12/6/01 -12/6/01	1340181
TM04-PZM056	008	EPWWT1A1	ND	mg/L	1.0	1	12/6/01 -12/6/01	1340181
HI02-PZM032	001	EP07G1A1	ND	mg/L	1.0	1	12/6/01 -12/6/01	1340181
FM03-PZM026	002	EP07P1AC	ND	mg/L	1.0	1	12/6/01 -12/6/01	1340181
EQUIPMENT BLANK #7	003	EP07T1A1	1.3	mg/L	1.0	1	12/6/01 -12/6/01	1340181
EQUIPMENT BLANK #8	004	EP07X1AC	1.3	mg/L	1.0	1	12/6/01 -12/6/01	1340181
TM02-PZM009	005	EP0701A0	2.8	mg/L	1.0	1	12/6/01 -12/6/01	1340181
CP14-PZM062	001	EP35A1A1	2.9	mg/L	1.0	1	12/12/01 -12/12/01	1345272
CP14-PZM009	002	EP35D1AC	ND	mg/L	1.0	1	12/12/01 -12/12/01	1345272
CP08-PZM034	003	EP35F1AC	ND	mg/L	1.0	1	12/12/01 -12/12/01	1345272
CP02-PZM007	004	EP35H1AC	ND	mg/L	1.0	1	12/12/01 -12/12/01	1345272
CP02-PZM026	005	EP35J1A1	ND	mg/L	1.0	1	12/12/01 -12/12/01	1345272
CP12-PZM052	006	EP35L1AC	ND	mg/L	1.0	1	12/12/01 -12/12/01	1345272
CP12-PZM012	007	EP35N1A1	2.9	mg/L	1.0	1	12/12/01 -12/12/01	1345272

smt 2/7/2002

Data Validation Qualifier Code Glossary

B - The compound/analyte was not detected substantially above the level of the associated method blank/preparation or field blank.

J - The positive result reported for this analyte is a quantitative estimate.

U - This compound/analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.

UJ - This compound/analyte was not detected in the sample. The quantitation/detection should be considered estimated and may be inaccurate or imprecise.

R The result for this compound/analyte is unusable. The analyte may or may not be present.

K - The positive result reported for this analyte is a biased high quantitative estimate. The actual result may be lower than reported.

L - The positive result for this analyte is a biased low quantitative estimate. The actual result may be higher than reported.

UL - This compound/analyte was not detected in the sample. The actual quantitation/detection may be higher than reported.

Other Codes:

ND - There were no positive results for this analytical fraction.

NA - This parameter is not applicable to this sample.

NR - This analysis parameter was not required for this sample.

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPA002
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, and polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/21/2002
Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

The chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

5.0 *INSTRUMENT PERFORMANCE*

All criteria were met. No qualifiers were applied.

5.0 *INITIAL AND CONTINUING CALIBRATIONS*

Quantitation limits reported for acetonitrile, 1,4-dioxane, and propionitrile for the samples have been rejected, and should be considered suspect. The relative responses factors for acetonitrile, 1,4-dioxane, and isobutanol were below 0.05 for the associated initial calibration standards. The poor response indicates a lack of instrument sensitivity for these compounds. Quantitation limits have been marked "R" to indicate that they are suspect.

The bromomethane quantitation limits for the samples should be considered quantitative estimates. The initial calibration linearity criterion was exceeded for this compound. This indicates a lack of instrument stability for these compounds. The quantitation limits for these samples have been marked with "UJ" qualifiers to indicate that they are quantitative estimates.

Iodomethane quantitation limits reported for the have been rejected, and should be considered suspect. The relative responses factor for this

compound was below 0.05 for the associated continuing calibration standards. The poor response indicates a lack of instrument sensitivity for these compounds. Quantitation limits have been marked "R" to indicate that they are suspect.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

There was no trip blank submitted with the samples. Therefore, the data for associated samples could not be evaluated based on this parameter. This should be noted when assessing the data.

7.0 *SURROGATE COMPOUNDS*

All criteria were met. No qualifiers were applied.

8.0 *MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY*

All criteria were met. No qualifiers were applied.

9.0 *FIELD DUPLICATE RESULTS*

Duplicate samples GL15-PZM022 and GL15-PZM022DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. There were no positive results for the duplicate samples.

10.0 *LABORATORY CONTROL SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

11.0 *INTERNAL STANDARD PERFORMANCE*

All criteria were met. No qualifiers were applied.

12.0 *QUALITATIVE IDENTIFICATION*

All criteria were met. No qualifiers were applied.

13.0 *QUANTITATION/REPORTING LIMITS*

The samples presented on page 6 were analyzed at dilutions. The dilution analyses were performed because of the suspected presence of high levels of target compounds and/or interferences. Quantitation limits are elevated by the dilution factor for these samples for target compounds that were not detected. The elevated quantitation limits should be noted when assessing the data for these samples.

Sample	Fraction	Dilution Factor
CO02-PZM006-01C	VOA	75000
	SVOA	10.0
CO02-PZM041-01C	SVOA	2.0
CO13-PZM030-01C	SVOA	50.0
GL12-PZM032-01C	VOA	75000

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits (QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L180248 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPD01AF Date Extracted:12/21/01
Dilution factor: 1 Date Analyzed: 12/21/01
Moisture %:NA

QC Batch: 1355237

Client Sample Id: GL17-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	3.0	U	
67-64-1	Acetone	10	U	
75-05-8	Acetonitrile	20	U	R
107-02-8	Acrolein	20	U	
107-13-1	Acrylonitrile	20	U	
107-05-1	Allyl chloride	1.0	U	
71-43-2	**Benzene**	**0.97**	J	
75-27-4	Bromodichloromethane	1.0	U	
75-25-2	Bromoform	1.0	U	
74-83-9	Bromomethane	2.0	U	J
78-93-3	2-Butanone (MEK)	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
74-87-3	Chloromethane	2.0	U	
126-99-8	Chloroprene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	
74-95-3	Dibromomethane	1.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U	
75-71-8	Dichlorodifluoromethane	2.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	

smt 2/20/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L180248 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPD01AF Date Extracted:12/21/01
Dilution factor: 1 Date Analyzed: 12/21/01
Moisture %:NA

QC Batch: 1355237

Client Sample Id: GL17-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	~~U~~	R
78-83-1	Isobutyl alcohol	40	~~U~~	R
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	U	
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	**Toluene**	**0.25**	**J**	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA002

Matrix: (soil/water) WATER Lab Sample ID: C1L190307 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRPE1AP Date Extracted: 12/21/01
Dilution factor: 10 Date Analyzed: 12/21/01
Moisture %: NA

QC Batch: 1355237

Client Sample Id: GL15-~~PZM027~~ PZM022

1/21/02 AEP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	30	U
67-64-1	Acetone	710	
75-05-8	Acetonitrile	200	U
107-02-8	Acrolein	200	U
107-13-1	Acrylonitrile	200	U
107-05-1	Allyl chloride	10	U
71-43-2	Benzene	10	U
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	20	U
78-93-3	2-Butanone (MEK)	50	U
75-15-0	Carbon disulfide	10	U
56-23-5	Carbon tetrachloride	10	U
108-90-7	Chlorobenzene	10	U
75-00-3	Chloroethane	20	U
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	20	U
126-99-8	Chloroprene	10	U
124-48-1	Dibromochloromethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
106-93-4	1,2-Dibromoethane (EDB)	10	U
74-95-3	Dibromomethane	10	U
110-57-6	trans-1,4-Dichloro-2-butene	10	U
75-71-8	Dichlorodifluoromethane	20	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U

R

SMM 2/20/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRPE1AP Date Extracted:12/21/01
Dilution factor: 10 Date Analyzed: 12/21/01
Moisture %:NA

QC Batch: 1355237

Client Sample Id: GL15~~-PZM027~~ PZM022

1/21/02 HCD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	10	U	R
10061-01-5	cis-1,3-Dichloropropene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
123-91-1	1,4-Dioxane	2000	U	
100-41-4	Ethylbenzene	10	U	
97-63-2	Ethyl methacrylate	10	U	
591-78-6	2-Hexanone	50	U	
74-88-4	Iodomethane	10	U	
78-83-1	Isobutyl alcohol	400	U	
126-98-7	Methacrylonitrile	10	U	
75-09-2	**Methylene chloride**	7.3	J B	
80-62-6	Methyl methacrylate	10	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	50	U	
107-12-0	Propionitrile	20	U	
100-42-5	Styrene	10	U	
630-20-6	1,1,1,2-Tetrachloroethane	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
127-18-4	Tetrachloroethene	10	U	
108-88-3	Toluene	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
79-01-6	Trichloroethene	10	U	
75-69-4	Trichlorofluoromethane	20	U	
96-18-4	1,2,3-Trichloropropane	10	U	
108-05-4	Vinyl acetate	10	U	
75-01-4	Vinyl chloride	20	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRPE2AP Date Extracted:12/21/01
Dilution factor: 1 Date Analyzed: 12/21/01
Moisture %:NA

QC Batch: 1355237

Client Sample Id: GL15-~~PZM027~~ PZM022 -RE 1

1/21/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	3.0	U	
67-64-1	Acetone	490	E	R
75-05-8	Acetonitrile	20	U	R
107-02-8	Acrolein	20	U	
107-13-1	Acrylonitrile	20	U	
107-05-1	Allyl chloride	1.0	U	
71-43-2	Benzene	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
75-25-2	Bromoform	1.0	U	
74-83-9	Bromomethane	2.0	U	J
78-93-3	2-Butanone (MEK)	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
74-87-3	Chloromethane	2.0	U	
126-99-8	Chloroprene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	
74-95-3	Dibromomethane	1.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U	
75-71-8	Dichlorodifluoromethane	2.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	

SMT 2/20/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRPE2AP Date Extracted:12/21/01
Dilution factor: 1 Date Analyzed: 12/21/01
Moisture %:NA

QC Batch: 1355237

Client Sample Id: GL15-~~PZM027~~ PZM022 -RE 1

1/21/02 AeD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	U	
78-83-1	Isobutyl alcohol	40	~~U~~	R
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	U	
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRPJ1AJ Date Extracted:12/21/01
Dilution factor: 10 Date Analyzed: 12/21/01
Moisture %:NA

QC Batch: 1355237

Client Sample Id: GL15-PZM027 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	30	U	
67-64-1	**Acetone**	**440**		
75-05-8	Acetonitrile	200	U	R
107-02-8	Acrolein	200	U	
107-13-1	Acrylonitrile	200	U	
107-05-1	Allyl chloride	10	U	
71-43-2	Benzene	10	U	
75-27-4	Bromodichloromethane	10	U	
75-25-2	Bromoform	10	U	
74-83-9	Bromomethane	20	U	J
78-93-3	2-Butanone (MEK)	50	U	
75-15-0	Carbon disulfide	10	U	
56-23-5	Carbon tetrachloride	10	U	
108-90-7	Chlorobenzene	10	U	
75-00-3	Chloroethane	20	U	
67-66-3	Chloroform	10	U	
74-87-3	Chloromethane	20	U	
126-99-8	Chloroprene	10	U	
124-48-1	Dibromochloromethane	10	U	
96-12-8	1,2-Dibromo-3-chloropropane	10	U	
106-93-4	1,2-Dibromoethane (EDB)	10	U	
74-95-3	Dibromomethane	10	U	
110-57-6	trans-1,4-Dichloro-2-butene	10	U	
75-71-8	Dichlorodifluoromethane	20	U	
75-34-3	1,1-Dichloroethane	10	U	
107-06-2	1,2-Dichloroethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
156-60-5	trans-1,2-Dichloroethene	10	U	

SMK 2/6/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRPJ1AJ Date Extracted:12/21/01
Dilution factor: 10 Date Analyzed: 12/21/01
Moisture %:NA

QC Batch: 1355237

Client Sample Id: GL15-~~PZM027~~ PZM022 DUP

1/21/03 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
123-91-1	1,4-Dioxane	2000	~~U~~	R
100-41-4	Ethylbenzene	10	U	
97-63-2	Ethyl methacrylate	10	U	
591-78-6	2-Hexanone	50	U	
74-88-4	Iodomethane	10	~~U~~	R
78-83-1	Isobutyl alcohol	400	~~U~~	R
126-98-7	Methacrylonitrile	10	U	
75-09-2	**Methylene chloride**	5.3	J B	
80-62-6	Methyl methacrylate	10	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	50	U	
107-12-0	Propionitrile	20	U	
100-42-5	Styrene	10	U	
630-20-6	1,1,1,2-Tetrachloroethane	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
127-18-4	Tetrachloroethene	10	U	
108-88-3	Toluene	10	U	
71-55-6	1,1,1-Trichloroethane	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
79-01-6	Trichloroethene	10	U	
75-69-4	Trichlorofluoromethane	20	U	
96-18-4	1,2,3-Trichloropropane	10	U	
108-05-4	Vinyl acetate	10	U	
75-01-4	Vinyl chloride	20	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRPK1AA Date Extracted:12/21/01
Dilution factor: 1 Date Analyzed: 12/21/01
Moisture %:NA

QC Batch: 1355237

Client Sample Id: GL17-~~PZM008~~ PZP008 1/21/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	3.0	U	
67-64-1	**Acetone**	11		
75-05-8	Acetonitrile	20	~~U~~	R
107-02-8	Acrolein	20	U	
107-13-1	Acrylonitrile	20	U	
107-05-1	Allyl chloride	1.0	U	
71-43-2	**Benzene**	**0.64**	**J**	
75-27-4	Bromodichloromethane	1.0	U	
75-25-2	Bromoform	1.0	U	
74-83-9	Bromomethane	2.0	U	J
78-93-3	2-Butanone (MEK)	5.0	U	
75-15-0	**Carbon disulfide**	**1.4**		
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
74-87-3	Chloromethane	2.0	U	
126-99-8	Chloroprene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	
74-95-3	Dibromomethane	1.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U	
75-71-8	Dichlorodifluoromethane	2.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	

smt 2/20/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRPK1AA Date Extracted:12/21/01
Dilution factor: 1 Date Analyzed: 12/21/01
Moisture %:NA

QC Batch: 1355237

Client Sample Id: GL17-~~PZM008~~ PZP008 1/21/02 ACM

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	~~U~~	R
78-83-1	Isobutyl alcohol	40	~~U~~	R
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	U	
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	**Toluene**	**0.38**	J	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWHL1AF Date Extracted:12/29/01
Dilution factor: 75000 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363189

Client Sample Id: CO02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	220000	U	
67-64-1	Acetone	750000	U	
75-05-8	Acetonitrile	1500000	~~U~~	R
107-02-8	Acrolein	1500000	U	
107-13-1	Acrylonitrile	1500000	U	
107-05-1	Allyl chloride	75000	U	
71-43-2	**Benzene**	**1600000**		
75-27-4	Bromodichloromethane	75000	U	
75-25-2	Bromoform	75000	U	
74-83-9	Bromomethane	150000	U	J
78-93-3	2-Butanone (MEK)	380000	U	
75-15-0	Carbon disulfide	75000	U	
56-23-5	Carbon tetrachloride	75000	U	
108-90-7	Chlorobenzene	75000	U	
75-00-3	Chloroethane	150000	U	
67-66-3	Chloroform	75000	U	
74-87-3	Chloromethane	150000	U	
126-99-8	Chloroprene	75000	U	
124-48-1	Dibromochloromethane	75000	U	
96-12-8	1,2-Dibromo-3-chloropropane	75000	U	
106-93-4	1,2-Dibromoethane (EDB)	75000	U	
74-95-3	Dibromomethane	75000	U	
110-57-6	trans-1,4-Dichloro-2-butene	75000	U	
75-71-8	Dichlorodifluoromethane	150000	U	
75-34-3	1,1-Dichloroethane	75000	U	
107-06-2	1,2-Dichloroethane	75000	U	
75-35-4	1,1-Dichloroethene	75000	U	
156-60-5	trans-1,2-Dichloroethene	75000	U	

smt 2/20/02

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA002

Matrix: (soil/water) WATER Lab Sample ID: C1L200345 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWHL1AF Date Extracted: 12/29/01
Dilution factor: 75000 Date Analyzed: 12/29/01
Moisture %: NA

QC Batch: 1363189

Client Sample Id: CO02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	75000	U	
10061-01-5	cis-1,3-Dichloropropene	75000	U	
10061-02-6	trans-1,3-Dichloropropene	75000	U	
123-91-1	1,4-Dioxane	15000000	~~U~~	R
100-41-4	Ethylbenzene	75000	U	
97-63-2	Ethyl methacrylate	75000	U	
591-78-6	2-Hexanone	380000	U	
74-88-4	Iodomethane	75000	U	
78-83-1	Isobutyl alcohol	3000000	~~U~~	R
126-98-7	Methacrylonitrile	75000	U	
75-09-2	Methylene chloride	150000	U	
80-62-6	Methyl methacrylate	75000	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	380000	U	
107-12-0	Propionitrile	150000	U	
100-42-5	Styrene	75000	U	
630-20-6	1,1,1,2-Tetrachloroethane	75000	U	
79-34-5	1,1,2,2-Tetrachloroethane	75000	U	
127-18-4	Tetrachloroethene	75000	U	
108-88-3	Toluene	230000		
71-55-6	1,1,1-Trichloroethane	75000	U	
79-00-5	1,1,2-Trichloroethane	75000	U	
79-01-6	Trichloroethene	75000	U	
75-69-4	Trichlorofluoromethane	150000	U	
96-18-4	1,2,3-Trichloropropane	75000	U	
108-05-4	Vinyl acetate	75000	U	
75-01-4	Vinyl chloride	150000	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWW81AF Date Extracted:12/29/01
Dilution factor: 200 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363189

Client Sample Id: CO02-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	600	U	
67-64-1	Acetone	2000	U	
75-05-8	Acetonitrile	4000	~~U~~	R
107-02-8	Acrolein	4000	U	
107-13-1	Acrylonitrile	4000	U	
107-05-1	Allyl chloride	200	U	
71-43-2	Benzene	3900		
75-27-4	Bromodichloromethane	200	U	
75-25-2	Bromoform	200	U	
74-83-9	Bromomethane	400	U	4
78-93-3	2-Butanone (MEK)	1000	U	
75-15-0	Carbon disulfide	200	U	
56-23-5	Carbon tetrachloride	200	U	
108-90-7	Chlorobenzene	200	U	
75-00-3	Chloroethane	400	U	
67-66-3	Chloroform	200	U	
74-87-3	Chloromethane	400	U	
126-99-8	Chloroprene	200	U	
124-48-1	Dibromochloromethane	200	U	
96-12-8	1,2-Dibromo-3-chloropropane	200	U	
106-93-4	1,2-Dibromoethane (EDB)	200	U	
74-95-3	Dibromomethane	200	U	
110-57-6	trans-1,4-Dichloro-2-butene	200	U	
75-71-8	Dichlorodifluoromethane	400	U	
75-34-3	1,1-Dichloroethane	200	U	
107-06-2	1,2-Dichloroethane	200	U	
75-35-4	1,1-Dichloroethene	200	U	
156-60-5	trans-1,2-Dichloroethene	200	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWW81AF Date Extracted:12/29/01
Dilution factor: 200 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363189

Client Sample Id: CO02-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	200	U	
10061-01-5	cis-1,3-Dichloropropene	200	U	
10061-02-6	trans-1,3-Dichloropropene	200	U	
123-91-1	1,4-Dioxane	40000	~~U~~	R
100-41-4	Ethylbenzene	200	U	
97-63-2	Ethyl methacrylate	200	U	
591-78-6	2-Hexanone	1000	U	
74-88-4	Iodomethane	200	U	
78-83-1	Isobutyl alcohol	8000	~~U~~	R
126-98-7	Methacrylonitrile	200	U	
75-09-2	Methylene chloride	400	U	
80-62-6	Methyl methacrylate	200	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	
107-12-0	Propionitrile	400	U	
100-42-5	Styrene	200	U	
630-20-6	1,1,1,2-Tetrachloroethane	200	U	
79-34-5	1,1,2,2-Tetrachloroethane	200	U	
127-18-4	Tetrachloroethene	200	U	
108-88-3	**Toluene**	**560**		
71-55-6	1,1,1-Trichloroethane	200	U	
79-00-5	1,1,2-Trichloroethane	200	U	
79-01-6	Trichloroethene	200	U	
75-69-4	Trichlorofluoromethane	400	U	
96-18-4	1,2,3-Trichloropropane	200	U	
108-05-4	Vinyl acetate	200	U	
75-01-4	Vinyl chloride	400	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L180248 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPD01AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL17-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	23	
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	12	
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L180248 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPD01AA Date Extracted:12/19/01
Dilution Factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL17-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
87-65-0	2,6-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
119-93-7	3,3'-Dimethylbenzidine	50	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
99-65-0	1,3-Dinitrobenzene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	11	
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
1888-71-7	Hexachloropropene	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L180248 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPD01AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL17-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	1.3	J
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	14	
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L180248 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPD01AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL17-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	Phenanthrene	1.8	J
108-95-2	Phenol	10	U
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L180248 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPD01AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL17-PZM032

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPE1AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL15 ~~PZM027~~ PZM022 1/21/02 ACN

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

SMA 2/12/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPE1AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL15-~~PZM027~~ PZM022 1/21/02 AU

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
87-65-0	2,6-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
119-93-7	3,3'-Dimethylbenzidine	50	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
99-65-0	1,3-Dinitrobenzene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
1888-71-7	Hexachloropropene	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPE1AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL15-~~PZM027~~ PZM022 1/21/03 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPE1AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL15-~~PZM027~~ PZM022 1/21/02 AM

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPE1AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL15-~~PZM027~~
PZM022
1/21/02
AEN

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPJ1AE Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL15-~~PZM027~~ PZM022 DUP

1/21/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

SMT 2/13/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPJ1AE Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL15-~~PZM027~~ PZN022 DUP

1/21/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
87-65-0	2,6-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
119-93-7	3,3'-Dimethylbenzidine	50	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
99-65-0	1,3-Dinitrobenzene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
1888-71-7	Hexachloropropene	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPJ1AE Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

PZM022
QC Batch: 1355133

Client Sample Id: GL15-~~PZM027~~ DUP

1/21/02
ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPJ1AE Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL15-~~PZM027~~ PZM022 DUP

1/21/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPJ1AE Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL15-~~PZM027~~ PZM022 DUP

1/21/02
ACD

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHL1AA Date Extracted:12/26/01
Dilution factor: 10 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	100	U
208-96-8	Acenaphthylene	100	U
98-86-2	**Acetophenone**	**370**	
53-96-3	2-Acetylaminofluorene	200	U
92-67-1	4-Aminobiphenyl	500	U
62-53-3	Aniline	100	U
120-12-7	Anthracene	100	U
56-55-3	Benzo(a)anthracene	100	U
205-99-2	Benzo(b)fluoranthene	100	U
207-08-9	Benzo(k)fluoranthene	100	U
191-24-2	Benzo(ghi)perylene	100	U
50-32-8	Benzo(a)pyrene	100	U
100-51-6	Benzyl alcohol	100	U
111-91-1	bis(2-Chloroethoxy)methane	100	U
111-44-4	bis(2-Chloroethyl) ether	100	U
117-81-7	bis(2-Ethylhexyl) phthalate	100	U
101-55-3	4-Bromophenyl phenyl ether	100	U
85-68-7	Butyl benzyl phthalate	100	U
106-47-8	4-Chloroaniline	100	U
59-50-7	4-Chloro-3-methylphenol	100	U
91-58-7	2-Chloronaphthalene	100	U
95-57-8	2-Chlorophenol	100	U
7005-72-3	4-Chlorophenyl phenyl ether	100	U
218-01-9	Chrysene	100	U
53-70-3	Dibenz(a,h)anthracene	100	U
132-64-9	Dibenzofuran	100	U
84-74-2	Di-n-butyl phthalate	100	U
95-50-1	1,2-Dichlorobenzene	100	U

SML 1/2/02

FORM I

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA002

Matrix: (soil/water) WATER Lab Sample ID: C1L200345 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHL1AA Date Extracted: 12/26/01
Dilution factor: 10 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
91-94-1	3,3'-Dichlorobenzidine	500	U
120-83-2	2,4-Dichlorophenol	100	U
87-65-0	2,6-Dichlorophenol	100	U
84-66-2	Diethyl phthalate	100	U
60-11-7	p-Dimethylaminoazobenzene	200	U
57-97-6	7,12-Dimethylbenz(a)anthrace	200	U
119-93-7	3,3'-Dimethylbenzidine	500	U
122-09-8	alpha,alpha-Dimethylphenethy	500	U
105-67-9	**2,4-Dimethylphenol**	**120**	
131-11-3	Dimethyl phthalate	100	U
117-84-0	Di-n-octyl phthalate	100	U
99-65-0	1,3-Dinitrobenzene	100	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
51-28-5	2,4-Dinitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	100	U
606-20-2	2,6-Dinitrotoluene	100	U
88-85-7	Dinoseb	200	U
122-39-4	Diphenylamine	100	U
62-50-0	Ethyl methanesulfonate	100	U
206-44-0	Fluoranthene	100	U
86-73-7	**Fluorene**	**7.2**	**J**
118-74-1	Hexachlorobenzene	100	U
87-68-3	Hexachlorobutadiene	100	U
77-47-4	Hexachlorocyclopentadiene	500	U
67-72-1	Hexachloroethane	100	U
1888-71-7	Hexachloropropene	1000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHL1AA Date Extracted:12/26/01
Dilution factor: 10 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	100	U
78-59-1	Isophorone	100	U
120-58-1	Isosafrole	200	U
91-80-5	Methapyrilene	500	U
95-53-4	o-Toluidine	200	U
56-49-5	3-Methylcholanthrene	500	U
66-27-3	Methyl methanesulfonate	100	U
91-57-6	**2-Methylnaphthalene**	**11**	J
95-48-7	**2-Methylphenol**	**120**	
106-44-5	**4-Methylphenol**	**160**	
91-20-3	**Naphthalene**	**450**	
130-15-4	1,4-Naphthoquinone	500	U
134-32-7	1-Naphthylamine	100	U
91-59-8	2-Naphthylamine	100	U
88-74-4	2-Nitroaniline	500	U
99-09-2	3-Nitroaniline	500	U
100-01-6	4-Nitroaniline	500	U
98-95-3	Nitrobenzene	100	U
88-75-5	2-Nitrophenol	100	U
100-02-7	4-Nitrophenol	500	U
56-57-5	4-Nitroquinoline-1-oxide	1000	U
924-16-3	N-Nitrosodi-n-butylamine	100	U
55-18-5	N-Nitrosodiethylamine	100	U
62-75-9	N-Nitrosodimethylamine	100	U
621-64-7	N-Nitrosodi-n-propylamine	100	U
86-30-6	N-Nitrosodiphenylamine	100	U
10595-95-6	N-Nitrosomethylethylamine	100	U
59-89-2	N-Nitrosomorpholine	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHL1AA Date Extracted:12/26/01
Dilution factor: 10 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	100	U
930-55-2	N-Nitrosopyrrolidine	100	U
99-55-8	5-Nitro-o-toluidine	200	U
608-93-5	Pentachlorobenzene	100	U
76-01-7	Pentachloroethane	500	U
82-68-8	Pentachloronitrobenzene	500	U
87-86-5	Pentachlorophenol	500	U
62-44-2	Phenacetin	200	U
85-01-8	**Phenanthrene**	**11**	**J**
108-95-2	**Phenol**	**250**	
106-50-3	p-Phenylene diamine	2000	U
109-06-8	**2-Picoline**	**150**	**J**
23950-58-5	Pronamide	200	U
129-00-0	Pyrene	100	U
110-86-1	**Pyridine**	**180**	**J**
94-59-7	Safrole	200	U
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U
58-90-2	2,3,4,6-Tetrachlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
99-35-4	1,3,5-Trinitrobenzene	500	U
140-57-8	Aramite	500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHL1AA Date Extracted:12/26/01
Dilution factor: 10 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO02-PZM006

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWW81AA Date Extracted:12/26/01
Dilution factor: 2 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO02-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**9.3**	**J**
208-96-8	Acenaphthylene	20	U
98-86-2	**Acetophenone**	**8.6**	**J**
53-96-3	2-Acetylaminofluorene	40	U
92-67-1	4-Aminobiphenyl	100	U
62-53-3	Aniline	20	U
120-12-7	**Anthracene**	**1.6**	**J**
56-55-3	Benzo(a)anthracene	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
191-24-2	Benzo(ghi)perylene	20	U
50-32-8	Benzo(a)pyrene	20	U
100-51-6	Benzyl alcohol	20	U
111-91-1	bis(2-Chloroethoxy)methane	20	U
111-44-4	bis(2-Chloroethyl) ether	20	U
117-81-7	bis(2-Ethylhexyl) phthalate	20	U
101-55-3	4-Bromophenyl phenyl ether	20	U
85-68-7	Butyl benzyl phthalate	20	U
106-47-8	4-Chloroaniline	20	U
59-50-7	4-Chloro-3-methylphenol	20	U
91-58-7	2-Chloronaphthalene	20	U
95-57-8	2-Chlorophenol	20	U
7005-72-3	4-Chlorophenyl phenyl ether	20	U
218-01-9	Chrysene	20	U
53-70-3	Dibenz(a,h)anthracene	20	U
132-64-9	**Dibenzofuran**	**3.3**	**J**
84-74-2	Di-n-butyl phthalate	20	U
95-50-1	1,2-Dichlorobenzene	20	U

SMK 2/12/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWW81AA Date Extracted:12/26/01
Dilution factor: 2 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO02-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
91-94-1	3,3'-Dichlorobenzidine	100	U
120-83-2	2,4-Dichlorophenol	20	U
87-65-0	2,6-Dichlorophenol	20	U
84-66-2	Diethyl phthalate	20	U
60-11-7	p-Dimethylaminoazobenzene	40	U
57-97-6	7,12-Dimethylbenz(a)anthrace	40	U
119-93-7	3,3'-Dimethylbenzidine	100	U
122-09-8	alpha,alpha-Dimethylphenethy	100	U
105-67-9	2,4-Dimethylphenol	20	U
131-11-3	Dimethyl phthalate	20	U
117-84-0	Di-n-octyl phthalate	20	U
99-65-0	1,3-Dinitrobenzene	20	U
534-52-1	4,6-Dinitro-2-methylphenol	100	U
51-28-5	2,4-Dinitrophenol	100	U
121-14-2	2,4-Dinitrotoluene	20	U
606-20-2	2,6-Dinitrotoluene	20	U
88-85-7	Dinoseb	40	U
122-39-4	Diphenylamine	20	U
62-50-0	Ethyl methanesulfonate	20	U
206-44-0	**Fluoranthene**	**2.6**	**J**
86-73-7	**Fluorene**	**4.1**	**J**
118-74-1	Hexachlorobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
77-47-4	Hexachlorocyclopentadiene	100	U
67-72-1	Hexachloroethane	20	U
1888-71-7	Hexachloropropene	200	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWW81AA Date Extracted:12/26/01
Dilution factor: 2 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO02-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
78-59-1	Isophorone	20	U
120-58-1	Isosafrole	40	U
91-80-5	Methapyrilene	100	U
95-53-4	o-Toluidine	40	U
56-49-5	3-Methylcholanthrene	100	U
66-27-3	Methyl methanesulfonate	20	U
91-57-6	**2-Methylnaphthalene**	5.2	J
95-48-7	2-Methylphenol	20	U
106-44-5	4-Methylphenol	20	U
91-20-3	**Naphthalene**	52	
130-15-4	1,4-Naphthoquinone	100	U
134-32-7	1-Naphthylamine	20	U
91-59-8	2-Naphthylamine	20	U
88-74-4	2-Nitroaniline	100	U
99-09-2	3-Nitroaniline	100	U
100-01-6	4-Nitroaniline	100	U
98-95-3	Nitrobenzene	20	U
88-75-5	2-Nitrophenol	20	U
100-02-7	4-Nitrophenol	100	U
56-57-5	4-Nitroquinoline-1-oxide	200	U
924-16-3	N-Nitrosodi-n-butylamine	20	U
55-18-5	N-Nitrosodiethylamine	20	U
62-75-9	N-Nitrosodimethylamine	20	U
621-64-7	N-Nitrosodi-n-propylamine	20	U
86-30-6	N-Nitrosodiphenylamine	20	U
10595-95-6	N-Nitrosomethylethylamine	20	U
59-89-2	N-Nitrosomorpholine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWW81AA Date Extracted:12/26/01
Dilution factor: 2 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO02-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	20	U
930-55-2	N-Nitrosopyrrolidine	20	U
99-55-8	5-Nitro-o-toluidine	40	U
608-93-5	Pentachlorobenzene	20	U
76-01-7	Pentachloroethane	100	U
82-68-8	Pentachloronitrobenzene	100	U
87-86-5	Pentachlorophenol	100	U
62-44-2	Phenacetin	40	U
85-01-8	**Phenanthrene**	**8.1**	**J**
108-95-2	**Phenol**	**120**	
106-50-3	p-Phenylene diamine	400	U
109-06-8	2-Picoline	40	U
23950-58-5	Pronamide	40	U
129-00-0	Pyrene	20	U
110-86-1	Pyridine	40	U
94-59-7	Safrole	40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
99-35-4	1,3,5-Trinitrobenzene	100	U
140-57-8	Aramite	100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L200345 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWW81AA Date Extracted:12/26/01
Dilution factor: 2 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO02-PZM041

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L or ug/kg) ug/L	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180248 001

Sample WT/Vol: 1000 / mL
Work Order: EQPD01AC
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: GL17-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 001
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPE1AE Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1354518

Client Sample Id: GL15-~~PZM027~~ PZM022 1/21/02 AFD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL
MATRIX SPIKE COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 001
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPE1AF Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1354518

Client Sample Id: GL15 ~~PZM027~~ PZM022 1/21/02 A-D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	9.25	
11096-82-5	Aroclor 1260	10.1	

CH2M HILL
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L190307 001

Sample WT/Vol: 1000 / mL
Work Order: EQRPE1AG
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/28/01

QC Batch: 1354518

Client Sample Id: GL15-~~PZM027~~
PZM022
1/2/02
AED

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	10.2	
11096-82-5	Aroclor 1260	10.9	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER Lab Sample ID:C1L190307 002
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRPJ1AF Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1354518

Client Sample Id: GL15-~~PZM027~~ DUP
PZM022
1/21/03
ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200345 001

Sample WT/Vol: 1000 / mL
Work Order: EQWHL1AC
Dilution factor: 1
Moisture %:NA

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/28/01

QC Batch: 1360404

Client Sample Id: CO02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200345 002

Sample WT/Vol: 1000 / mL
Work Order: EQWW81AC
Dilution factor: 1
Moisture %:NA

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/28/01

QC Batch: 1360404

Client Sample Id: CO02-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPA002
Matrix: Ground Water
Report Date: 2/20/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- X • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- X • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X • Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

8/21/00

Date

1.0 *DATA COMPLETENESS*

The laboratory reported results for calcium, iron, magnesium, manganese, potassium, and sodium were reported for sample HI05-PZM046. The sample was not submitted to the laboratory for analyses for these elements.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

All chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

4.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

5.0 *ICP INTERFERENCE CHECK SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The positive results reported for the metals in the samples presented on page 4 are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results for these metals in these samples has indicated this.

Analyte	Qualified Results
Beryllium	CO02-PZM006-01C, CO02-PZM041-01C, GL17-PZM032-01C, GL15-PZM022-01C, GL15-PZM022-01C DUP
Tin	GL17-PZM032-01C

7.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

8.0 LABORATORY DUPLICATE RESULTS

All criteria were met. No qualifiers were applied.

9.0 ICP SERIAL DILUTION RESULTS

The positive barium, calcium, iron, magnesium, and manganese results for the samples should be considered quantitative estimates. The ICP serial dilution criterion was exceeded for these analytes. The lack of precision may be due to interferences in samples of similar matrix. The positive results have been marked with "J" qualifiers to indicate that they are quantitative estimates.

10.0 FIELD DUPLICATE RESULTS

Duplicate samples GL15-PZM022-01C and GL15-PZM022DUP-01C were submitted to the laboratory evaluate sampling and analytical precision for those analytes determined to be present. Results for these duplicate

samples are presented in Table 2. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criterion of 25 percent for values greater than five times the QL (or ± the QL for results less than five times the CRDL).

11.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

12.0 GFAA POST-DIGESTION SPIKE/DUPLICATE BURN

Not Applicable.

13.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

14.0 QUANTITATION/REPORTING LIMITS

The laboratory reported results for metals detected in samples at concentrations greater than the instrument detection limit, but less than the QL with "B" flags. EDQ has flagged results for metals below the QL with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

Table 2 Field Duplicate Sample Results for Inorganic Analyses
Ground Water Duplicate Samples GL15-PZM0022-01C and GL15-PZM0022-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	GL15-PZM0022-01C (µg/L)		GL15-PZM0022-01C DUP (µg/L)			
Arsenic	ND		9.6	J	NC	
Barium	141	J	34.6	J	121.2	*
Beryllium	3.8	B	3.2	B	NC	
Cadmium	1.8	J	ND		NC	
Calcium	30400	J	NA		NC	
Chromium	27.3		1.2	J	183.2	*
Iron	230000	J	NA		NC	
Magnesium	40300	J	NA		NC	
Manganese	4940	J	NA		NC	
Mercury	0.071	J	ND		NC	
Nickel	15.0	J	4.7	J	104.6	Less than 5 X QL
Potassium	3240	J	NA		NC	
Selenium	5.8		ND		NC	
Silver	ND		0.83	J	NC	
Sodium	310000		NA		NC	
Thallium	11.4		ND		NC	
Vanadium	12.8	J	17.4	J	30.5	Less than 5 X QL
Zinc	ND		6.2	J	NC	*
Available Cyanide, mg/L	0.016		0.027		51.2	*
Sulfide, mg/L	ND		ND		NC	
Bicarbonate Alkalinity, mg/L	39.1		33.0		16.9	
Chloride, mg/L	808		800		1.0	
Sulfate, mg/L	219		219		0.0	

* EDQ Field duplicate precision criterion was exceeded for this analyte.

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPD0 **Client ID:** GL17-PZM032

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1361174

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/8/02	21:23
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/8/02	21:23
Barium	**493.41**	**0.14**	**200**	**1150**	~~E~~ J	1	**ICPST**	**1/8/02**	**21:23**
Beryllium	**313.04**	**0.40**	**5.0**	**3.8**	~~B~~ B	1	**ICPST**	**1/8/02**	**21:23**
Cadmium	**226.50**	**1.3**	**10.0**	**3.2**	~~B~~ J	2	**ICPST**	**1/9/02**	**10:10**
Calcium	**317.93**	**12.2**	**5000**	**141000**	~~E~~ J	1	**ICPST**	**1/8/02**	**21:23**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/8/02	21:23
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/8/02	21:23
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/8/02	21:23
Iron	**271.44**	**45.0**	**100**	**409000**	~~E~~ J	1	**ICPST**	**1/8/02**	**21:23**
Lead	220.35	3.6	6.0	3.6	U	2	ICPST	1/9/02	10:10
Magnesium	**279.08**	**7.1**	**5000**	**120000**	~~E~~ J	1	**ICPST**	**1/8/02**	**21:23**
Manganese	**257.61**	**0.94**	**30.0**	**9750**	~~E~~ J	2	**ICPST**	**1/9/02**	**10:10**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/8/02	21:23
Potassium	**766.49**	**519**	**5000**	**8130**		1	**ICP**	**1/3/02**	**12:30**
Selenium	220.35	6.4	10.0	6.4	U	2	ICPST	1/9/02	10:10
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/8/02	21:23
Sodium	**589**	**30.0**	**10000**	**605000**		2	**ICP**	**1/3/02**	**16:48**
Thallium	**190.86**	**11.5**	**20.0**	**20.8**		2	**ICPST**	**1/9/02**	**10:10**
Tin	**189.99**	**28.8**	**100**	**36.8**	~~B~~ B	1	**ICP**	**1/3/02**	**12:30**
Vanadium	**292.40**	**1.5**	**50.0**	**13.6**	~~B~~ J	1	**ICPST**	**1/8/02**	**21:23**
Zinc	**213.86**	**1.5**	**20.0**	**4.9**	~~B~~ J	1	**ICPST**	**1/8/02**	**21:23**

smk 2/12/02

Comments: Lot #: C1L180248 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRPE **Client ID:** GL15-~~PZM027~~-PZM022 1/31/02 AM

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1361174

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/8/02	21:27
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/8/02	21:27
Barium	493.41	0.14	200	146	~~B~~ J	1	ICPST	1/8/02	21:27
Beryllium	313.04	0.40	5.0	3.8	~~B~~ B	1	ICPST	1/8/02	21:27
Cadmium	226.50	1.3	10.0	2.5	~~B~~ J	2	ICPST	1/9/02	10:15
Calcium	317.93	12.2	5000	31400	~~E~~ J	1	ICPST	1/8/02	21:27
Chromium	267.72	1.1	5.0	28.8		1	ICPST	1/8/02	21:27
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/8/02	21:27
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/8/02	21:27
Iron	271.44	45.0	100	238000	~~E~~ J	1	ICPST	1/8/02	21:27
Lead	220.35	3.6	6.0	3.6	U	2	ICPST	1/9/02	10:15
Magnesium	279.08	7.1	5000	41700	~~E~~ J	1	ICPST	1/8/02	21:27
Manganese	257.61	0.47	15.0	5120	~~E~~ J	1	ICPST	1/8/02	21:27
Nickel	231.60	2.4	40.0	16.3	~~B~~ J	1	ICPST	1/8/02	21:27
Potassium	766.49	519	5000	3690	~~B~~ J	1	ICP	1/3/02	12:33
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/8/02	21:27
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/8/02	21:27
Sodium	589	15.0	5000	315000		1	ICP	1/3/02	12:33
Thallium	190.86	5.7	10.0	11.7		1	ICPST	1/8/02	21:27
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	12:33
Vanadium	292.40	1.5	50.0	12.7	~~B~~ J	1	ICPST	1/8/02	21:27
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/8/02	21:27

SMK 2/12/2002

Comments: Lot #: C1L190307 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRPJ **Client ID:** GL15-~~PZM027 DUP~~ PZM022 1/21/02 AC

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1361174

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/8/02	21:45
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/8/02	21:45
Barium	**493.41**	**0.14**	**200**	**141**	~~B~~ J	1	**ICPST**	**1/8/02**	**21:45**
Beryllium	**313.04**	**0.40**	**5.0**	**3.8**	~~B~~ B	1	**ICPST**	**1/8/02**	**21:45**
Cadmium	**226.50**	**1.3**	**10.0**	**1.8**	~~B~~ J	2	**ICPST**	**1/9/02**	**10:24**
Calcium	**317.93**	**12.2**	**5000**	**30400**	~~E~~ J	1	**ICPST**	**1/8/02**	**21:45**
Chromium	**267.72**	**1.1**	**5.0**	**27.3**		1	**ICPST**	**1/8/02**	**21:45**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/8/02	21:45
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/8/02	21:45
Iron	**271.44**	**45.0**	**100**	**230000**	~~E~~ J	1	**ICPST**	**1/8/02**	**21:45**
Lead	220.35	3.6	6.0	3.6	U	2	ICPST	1/9/02	10:24
Magnesium	**279.08**	**7.1**	**5000**	**40300**	~~E~~ J	1	**ICPST**	**1/8/02**	**21:45**
Manganese	**257.61**	**0.47**	**15.0**	**4940**	~~E~~ J	1	**ICPST**	**1/8/02**	**21:45**
Nickel	**231.60**	**2.4**	**40.0**	**15.0**	~~B~~ J	1	**ICPST**	**1/8/02**	**21:45**
Potassium	**766.49**	**519**	**5000**	**3240**	~~B~~ J	1	**ICP**	**1/3/02**	**12:46**
Selenium	**220.35**	**3.2**	**5.0**	**5.8**		1	**ICPST**	**1/8/02**	**21:45**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/8/02	21:45
Sodium	**589**	**15.0**	**5000**	**310000**		1	**ICP**	**1/3/02**	**12:46**
Thallium	**190.86**	**5.7**	**10.0**	**11.4**		1	**ICPST**	**1/8/02**	**21:45**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	12:46
Vanadium	**292.40**	**1.5**	**50.0**	**12.8**	~~B~~ J	1	**ICPST**	**1/8/02**	**21:45**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/8/02	21:45

SMK 2/12/2002

Comments: Lot #: C1L190307 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWHL **Client ID:** CO02-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1361174

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/8/02	21:49
Arsenic	**189.04**	**2.0**	**10.0**	**9.6**	~~B~~ J	1	**ICPST**	**1/8/02**	**21:49**
Barium	**493.41**	**0.14**	**200**	**34.6**	~~BE~~ J	1	**ICPST**	**1/8/02**	**21:49**
Beryllium	**313.04**	**0.40**	**5.0**	**3.2**	~~B~~ B	1	**ICPST**	**1/8/02**	**21:49**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/8/02	21:49
Chromium	**267.72**	**1.1**	**5.0**	**1.2**	~~B~~ J	1	**ICPST**	**1/8/02**	**21:49**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/8/02	21:49
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/8/02	21:49
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/8/02	21:49
Nickel	**231.60**	**2.4**	**40.0**	**4.7**	~~B~~ J	1	**ICPST**	**1/8/02**	**21:49**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/8/02	21:49
Silver	**328.07**	**0.75**	**5.0**	**0.83**	~~B~~ J	1	**ICPST**	**1/8/02**	**21:49**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/8/02	21:49
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	12:49
Vanadium	**292.40**	**1.5**	**50.0**	**17.4**	~~B~~ J	1	**ICPST**	**1/8/02**	**21:49**
Zinc	**213.86**	**1.5**	**20.0**	**6.2**	~~B~~ J	1	**ICPST**	**1/8/02**	**21:49**

SMK 2/19/2002

Comments: Lot #: C1L200345 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWW8 **Client ID:** CO02-PZM041

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1361174

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/8/02	21:54
Arsenic	189.04	2.0	10.0	8.8	B J	1	ICPST	1/8/02	21:54
Barium	493.41	0.14	200	137	B J	1	ICPST	1/8/02	21:54
Beryllium	313.04	0.40	5.0	3.4	B B	1	ICPST	1/8/02	21:54
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/8/02	21:54
Calcium	317.93	12.2	5000	95800	E J	1	ICPST	1/8/02	21:54
Chromium	267.72	1.1	5.0	5.1		1	ICPST	1/8/02	21:54
Cobalt	228.62	0.86	50.0	2.5	B J	1	ICPST	1/8/02	21:54
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/8/02	21:54
Iron	271.44	45.0	100	28400	E J	1	ICPST	1/8/02	21:54
Lead	220.35	1.8	3.0	146		1	ICPST	1/8/02	21:54
Magnesium	279.08	7.1	5000	23900	E J	1	ICPST	1/8/02	21:54
Manganese	257.61	0.47	15.0	1610	E J	1	ICPST	1/8/02	21:54
Nickel	231.60	2.4	40.0	3.7	B J	1	ICPST	1/8/02	21:54
Potassium	766.49	519	5000	54300		1	ICP	1/3/02	12:52
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/8/02	21:54
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/8/02	21:54
Sodium	589	30.0	10000	747000		2	ICP	1/3/02	16:51
Thallium	190.86	5.7	10.0	6.6	B J	1	ICPST	1/8/02	21:54
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	12:52
Vanadium	292.40	1.5	50.0	17.7	B J	1	ICPST	1/8/02	21:54
Zinc	213.86	1.5	20.0	325		1	ICPST	1/8/02	21:54

SMK 2/12/2002

Comments: Lot #: C1L200345 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPD0 **Client ID:** GL17-PZM032

Matrix: Water **Units:** ug/L **Prep Date:** 12/29/01 **Prep Batch:** 1363095

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/29/01	10:25

Comments: Lot #: C1L180248 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRPE **Client ID:** GL15-~~PZM027~~ PZM022 1/21/02 ACD

Matrix: Water **Units:** ug/L **Prep Date:** 12/29/01 **Prep Batch:** 1363095

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.071	~~B~~ J	1	CVAA	12/29/01	10:26

Comments: Lot #: C1L190307 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRPJ **Client ID:** GL15-~~PZM027~~-DUP PZM022 1/21/02 AED

Matrix: Water **Units:** ug/L **Prep Date:** 12/29/01 **Prep Batch:** 1363095

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/29/01	10:30

Comments: Lot #: C1L190307 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWHL **Client ID:** CO02-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/29/01 **Prep Batch:** 1363095

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/29/01	10:32

Comments: Lot #: C1L200345 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWW8 **Client ID:** CO02-PZM041

Matrix: Water **Units:** ug/L **Prep Date:** 12/29/01 **Prep Batch:** 1363095

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/29/01	10:33

Comments: Lot #: C1L200345 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

CH2M Hill BS Sparrows Point

Bicarbonate Alkalinity

Lab Name:	STL PITTSBURGH	**Method:**	MCAWW 310.1
Client Name:	CH2M HILL	**Lot Number:**	C1L180248
Matrix:	WATER	**Date/Time Received:**	12/18/01 10:00:00AM
		SDG Number:	SPA002

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL17-PZM032	001	EQPD01A4	57.7	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
GL15-~~PZM027~~ PZM022 1/21/02 ACD	001	EQRPE1DP	39.1	mg/L	5.0	1	12/27/01 - 12/27/01	1361497
GL15-~~PZM027~~ PZM022 DUP 1/21/02 ACD	002	EQRPJ1A7	33.0	mg/L	5.0	1	12/27/01 - 12/27/01	1361497
CO02-PZM041	002	EQWW81A4	624	mg/L	5.0	1	12/31/01 - 12/31/01	1365303

CH2M Hill BS Sparrows Point

Available Cyanide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 1677 - Cyani
Lot Number: C1L180248
Date/Time Received: 12/18/01 10:00:00AM
SDG Number: SPA002

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL17-PZM032	001	EQPD01AG	0.067	mg/L	0.0020	1	12/31/01 - 12/31/01	2011296
GL15-~~PZM027~~ PZM022 1/21/02 AED	001	EQRPE1AT	0.016	mg/L	0.0020	1	12/31/01 - 12/31/01	2011296
GL15-~~PZM027~~ DUP PZM022 1/21/02 AED	002	EQRPJ1AK	0.027	mg/L	0.0020	1	12/31/01 - 12/31/01	2011296
CO02-PZM006	001	EQWHL1AG	2.3 J	mg/L	0.020	10	1/2/02 - 1/2/02	2011291
CO02-PZM041	002	EQWW81AG	0.013 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

CH2M Hill BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L180248
Date/Time Received: 12/18/01 10:00:00AM
SDG Number: SPA002

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL17-PZM032	001	EQPD01A2	1950	mg/L	25.0	25	1/7/02 - 1/7/02	2007285
GL15-~~PZM027~~ PZM022 1/21/02 AEO	001	EQRPE1DH	808	mg/L	10.0	10	1/7/02 - 1/7/02	2007287
GL15-~~PZM027~~ DUP PZM022 1/21/02 AEO	002	EQRPJ1A5	800	mg/L	10.0	10	1/7/02 - 1/7/02	2007287
CO02-PZM041	002	EQWW81A2	1060	mg/L	10.0	10	1/7/02 - 1/7/02	2007287

CH2M Hill BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L180248
Date/Time Received: 12/18/01 10:00:00AM
SDG Number: SPA002

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL17-PZM032	001	EQPD01A3	89.9	mg/L	1.0	1	1/7/02 - 1/7/02	2007289
GL15-~~PZM027~~ PZM022 1/21/02 ACP	001	EQRPE1DL	219	mg/L	10.0	10	1/7/02 - 1/7/02	2007291
GL15-~~PZM027~~ PZM022 DUP 1/21/02 ACP	002	EQRPJ1A6	219	mg/L	10.0	10	1/7/02 - 1/7/02	2007291
CO02-PZM041	002	EQWW81A3	16.3	mg/L	1.0	1	1/7/02 - 1/7/02	2007291

CH2M Hill BS Sparrows Point

Total Sulfide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: SW846 9030B/9034
Lot Number: C1L180248
Date/Time Received: 12/18/01 10:00:00AM
SDG Number: SPA002

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL17-PZM032	001	EQPD01AE	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL15-~~PZM027~~ PZM022 1/21/02 AED	001	EQRPE1AL	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL15-~~PZM027~~ PZM022 DUP 1/21/02 AED	002	EQRPJ1AH	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
CO02-PZM006	001	EQWHL1AE	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355510
CO02-PZM041	002	EQWW81AE	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355510

Table 1 Samples For Data Validation Review
Sparrows Point Early Site Characterization
Severn Trent Laboratories Sample Delivery Group SPA003

				ANALYSES PERFORMED							
SAMPLE I.D.	LABORATORY	DATE	MATRIX	APPVC	APPSVC	CPCB	COPI MET	Chloride, Sulfate	BicarbonateAlkalinity	AVCN	Sulfides
CO13-PZM030	C1L310126001	12/20/2001	Ground Water	X	X	X	X			X	X

APPVC	Appendix IX Volatile Organic Compounds
APPSVC	Appendix IX Semivolatile Organic Compounds
CPCB	Polychlorinated Biphenyls
COPI MET	COPI Metals
MET	Metals
AVCN	Available Cyanide

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPA003
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for one ground water sample. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/2/00
Date

1.0 *DATA COMPLETENESS*

The chain of custody record was missing from the data package. The laboratory was contacted and provided the missing information.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

The chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

5.0 *INSTRUMENT PERFORMANCE*

All criteria were met. No qualifiers were applied.

5.0 *INITIAL AND CONTINUING CALIBRATIONS*

Quantitation limits reported for acetonitrile, 1,4-dioxane, and isobutanol for the sample have been rejected, and should be considered suspect. The relative responses factors for acetonitrile, 1,4-dioxane, and isobutanol were below 0.05 for the associated calibration standards. The poor response indicates a lack of instrument sensitivity for these compounds. Quantitation limits have been marked "R" to indicate that they are suspect.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

All criteria were met. No qualifiers were applied.

7.0 SURROGATE COMPOUNDS

All criteria were met. No qualifiers were applied.

8.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

9.0 FIELD DUPLICATE RESULTS

There were no duplicate samples submitted with this SDG.

10.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

11.0 INTERNAL STANDARD PERFORMANCE

All criteria were met. No qualifiers were applied.

12.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

13.0 *QUANTITATION/REPORTING LIMITS*

The sample was analyzed at a 10-fold dilution for volatile organic compounds and a 50-fold dilution for semivolatile organic compounds. The dilution analyses were performed because of the suspected presence of high levels of target compounds and/or interferences. Quantitation limits are elevated by the dilution factor for target compounds that were not detected. The elevated quantitation limits should be noted when assessing the data for these samples.

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits (QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA003

Matrix: (soil/water) WATER Lab Sample ID:C1L310126 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ6E11AF Date Extracted:01/02/02
Dilution factor: 10 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002421

Client Sample Id: CO13-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	**Xylenes (total)**	**140**		
67-64-1	Acetone	100	U	
75-05-8	Acetonitrile	200	~~U~~	R
107-02-8	Acrolein	200	U	
107-13-1	Acrylonitrile	200	U	
107-05-1	Allyl chloride	10	U	
71-43-2	**Benzene**	**180**		
75-27-4	Bromodichloromethane	10	U	
75-25-2	Bromoform	10	U	
74-83-9	Bromomethane	20	U	
78-93-3	2-Butanone (MEK)	50	U	
75-15-0	Carbon disulfide	10	U	
56-23-5	Carbon tetrachloride	10	U	
108-90-7	Chlorobenzene	10	U	
75-00-3	Chloroethane	20	U	
67-66-3	Chloroform	10	U	
74-87-3	Chloromethane	20	U	
126-99-8	Chloroprene	10	U	
124-48-1	Dibromochloromethane	10	U	
96-12-8	1,2-Dibromo-3-chloropropane	10	U	
106-93-4	1,2-Dibromoethane (EDB)	10	U	
74-95-3	Dibromomethane	10	U	
110-57-6	trans-1,4-Dichloro-2-butene	10	U	
75-71-8	Dichlorodifluoromethane	20	U	
75-34-3	1,1-Dichloroethane	10	U	
107-06-2	1,2-Dichloroethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
156-60-5	trans-1,2-Dichloroethene	10	U	

SWM 2/11/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA003

Matrix: (soil/water) WATER Lab Sample ID:C1L310126 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ6E11AF Date Extracted:01/02/02
Dilution factor: 10 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002421

Client Sample Id: CO13-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
123-91-1	1,4-Dioxane	2000	~~U~~ R	
100-41-4	Ethylbenzene	10	U	
97-63-2	Ethyl methacrylate	10	U	
591-78-6	2-Hexanone	50	U	
74-88-4	Iodomethane	10	U	
78-83-1	Isobutyl alcohol	400	~~U~~ R	
126-98-7	Methacrylonitrile	10	U	
75-09-2	Methylene chloride	20	U	
80-62-6	Methyl methacrylate	10	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	50	U	
107-12-0	Propionitrile	20	U	
100-42-5	**Styrene**	**39**		
630-20-6	1,1,1,2-Tetrachloroethane	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
127-18-4	Tetrachloroethene	10	U	
108-88-3	**Toluene**	**160**		
71-55-6	1,1,1-Trichloroethane	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
79-01-6	Trichloroethene	10	U	
75-69-4	Trichlorofluoromethane	20	U	
96-18-4	1,2,3-Trichloropropane	10	U	
108-05-4	Vinyl acetate	10	U	
75-01-4	Vinyl chloride	20	U	

SMA 2/11/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA003

Matrix: (soil/water) WATER Lab Sample ID:C1L310126 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ6E11AA Date Extracted:01/02/02
Dilution factor: 50 Date Analyzed: 01/08/02

QC Batch: 2002264

Client Sample Id: CO13-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	500	U
208-96-8	**Acenaphthylene**	**150**	**J**
98-86-2	Acetophenone	500	U
53-96-3	2-Acetylaminofluorene	1000	U
92-67-1	4-Aminobiphenyl	2500	U
62-53-3	Aniline	500	U
120-12-7	Anthracene	500	U
56-55-3	Benzo(a)anthracene	500	U
205-99-2	Benzo(b)fluoranthene	500	U
207-08-9	Benzo(k)fluoranthene	500	U
191-24-2	Benzo(ghi)perylene	500	U
50-32-8	Benzo(a)pyrene	500	U
100-51-6	Benzyl alcohol	500	U
111-91-1	bis(2-Chloroethoxy)methane	500	U
111-44-4	bis(2-Chloroethyl) ether	500	U
117-81-7	bis(2-Ethylhexyl) phthalate	500	U
101-55-3	4-Bromophenyl phenyl ether	500	U
85-68-7	Butyl benzyl phthalate	500	U
106-47-8	4-Chloroaniline	500	U
59-50-7	4-Chloro-3-methylphenol	500	U
91-58-7	2-Chloronaphthalene	500	U
95-57-8	2-Chlorophenol	500	U
7005-72-3	4-Chlorophenyl phenyl ether	500	U
218-01-9	Chrysene	500	U
53-70-3	Dibenz(a,h)anthracene	500	U
132-64-9	**Dibenzofuran**	**45**	**J**
84-74-2	Di-n-butyl phthalate	500	U
95-50-1	1,2-Dichlorobenzene	500	U

1/23/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA003

Matrix: (soil/water) WATER Lab Sample ID:C1L310126 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ6E11AA Date Extracted:01/02/02
Dilution factor: 50 Date Analyzed: 01/08/02

QC Batch: 2002264

Client Sample Id: CO13-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
91-94-1	3,3'-Dichlorobenzidine	2500	U
120-83-2	2,4-Dichlorophenol	500	U
87-65-0	2,6-Dichlorophenol	500	U
84-66-2	Diethyl phthalate	500	U
60-11-7	p-Dimethylaminoazobenzene	1000	U
57-97-6	7,12-Dimethylbenz(a)anthrace	1000	U
119-93-7	3,3'-Dimethylbenzidine	2500	U
122-09-8	alpha,alpha-Dimethylphenethy	2500	U
105-67-9	2,4-Dimethylphenol	500	U
131-11-3	Dimethyl phthalate	500	U
117-84-0	Di-n-octyl phthalate	500	U
99-65-0	1,3-Dinitrobenzene	500	U
534-52-1	4,6-Dinitro-2-methylphenol	2500	U
51-28-5	2,4-Dinitrophenol	2500	U
121-14-2	2,4-Dinitrotoluene	500	U
606-20-2	2,6-Dinitrotoluene	500	U
88-85-7	Dinoseb	1000	U
122-39-4	Diphenylamine	500	U
62-50-0	Ethyl methanesulfonate	500	U
206-44-0	Fluoranthene	500	U
86-73-7	Fluorene	44	J
118-74-1	Hexachlorobenzene	500	U
87-68-3	Hexachlorobutadiene	500	U
77-47-4	Hexachlorocyclopentadiene	2500	U
67-72-1	Hexachloroethane	500	U
1888-71-7	Hexachloropropene	5000	U

smk 1/28/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA003

Matrix: (soil/water) WATER Lab Sample ID:C1L310126 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ6E11AA Date Extracted:01/02/02
Dilution factor: 50 Date Analyzed: 01/08/02

QC Batch: 2002264

Client Sample Id: CO13-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	500	U
78-59-1	Isophorone	500	U
120-58-1	Isosafrole	1000	U
91-80-5	Methapyrilene	2500	U
95-53-4	o-Toluidine	1000	U
56-49-5	3-Methylcholanthrene	2500	U
66-27-3	Methyl methanesulfonate	500	U
91-57-6	**2-Methylnaphthalene**	**230**	J
95-48-7	2-Methylphenol	500	U
106-44-5	4-Methylphenol	500	U
91-20-3	**Naphthalene**	**3100**	
130-15-4	1,4-Naphthoquinone	2500	U
134-32-7	1-Naphthylamine	500	U
91-59-8	2-Naphthylamine	500	U
88-74-4	2-Nitroaniline	2500	U
99-09-2	3-Nitroaniline	2500	U
100-01-6	4-Nitroaniline	2500	U
98-95-3	Nitrobenzene	500	U
88-75-5	2-Nitrophenol	500	U
100-02-7	4-Nitrophenol	2500	U
56-57-5	4-Nitroquinoline-1-oxide	5000	U
924-16-3	N-Nitrosodi-n-butylamine	500	U
55-18-5	N-Nitrosodiethylamine	500	U
62-75-9	N-Nitrosodimethylamine	500	U
621-64-7	N-Nitrosodi-n-propylamine	500	U
86-30-6	N-Nitrosodiphenylamine	500	U
10595-95-6	N-Nitrosomethylethylamine	500	U
59-89-2	N-Nitrosomorpholine	500	U

SML 1/23/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA003

Matrix: (soil/water) WATER Lab Sample ID:C1L310126 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ6E11AA Date Extracted:01/02/02
Dilution factor: 50 Date Analyzed: 01/08/02

QC Batch: 2002264

Client Sample Id: CO13-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	500	U
930-55-2	N-Nitrosopyrrolidine	500	U
99-55-8	5-Nitro-o-toluidine	1000	U
608-93-5	Pentachlorobenzene	500	U
76-01-7	Pentachloroethane	2500	U
82-68-8	Pentachloronitrobenzene	2500	U
87-86-5	Pentachlorophenol	2500	U
62-44-2	Phenacetin	1000	U
85-01-8	**Phenanthrene**	**46**	**J**
108-95-2	Phenol	500	U
106-50-3	p-Phenylene diamine	10000	U
109-06-8	**2-Picoline**	**110**	**J**
23950-58-5	Pronamide	1000	U
129-00-0	Pyrene	500	U
110-86-1	**Pyridine**	**230**	**J**
94-59-7	Safrole	1000	U
95-94-3	1,2,4,5-Tetrachlorobenzene	500	U
58-90-2	2,3,4,6-Tetrachlorophenol	500	U
120-82-1	1,2,4-Trichlorobenzene	500	U
95-95-4	2,4,5-Trichlorophenol	500	U
88-06-2	2,4,6-Trichlorophenol	500	U
99-35-4	1,3,5-Trinitrobenzene	2500	U
140-57-8	Aramite	2500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	500	U

SMK 1/24/02

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA003

Matrix: (soil/water) WATER Lab Sample ID:C1L310126 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ6E11AA Date Extracted:01/02/02
Dilution factor: 50 Date Analyzed: 01/08/02

QC Batch: 2002264

Client Sample Id: CO13-PZM030

		(ug/L or ug/kg) ug/L		
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA003

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L310126 001

Sample WT/Vol: 1000 / mL
Work Order: EQ6E11AC
Dilution factor: 1
Moisture %:NA

Date Received: 12/21/01
Date Extracted:01/02/02
Date Analyzed: 01/07/02

QC Batch: 2002403

Client Sample Id: CO13-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPA003
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for one ground water sample. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawnie M. Rodgers
President

2/21/2005
Date

1.0 *DATA COMPLETENESS*

The chain of custody record was missing from the data package. The laboratory was contacted and provided the missing information.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

The chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

4.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

5.0 *ICP INTERFERENCE CHECK SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The antimony, beryllium, and chromium results reported for the sample are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results for these metals has indicated this.

7.0 *MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY*

All criteria were met. No qualifiers were applied.

8.0 LABORATORY DUPLICATE RESULTS

All criteria were met. No qualifiers were applied.

9.0 ICP SERIAL DILUTION RESULTS

All criteria were met. No qualifiers were applied.

10.0 FIELD DUPLICATE RESULTS

There were no duplicate samples submitted with this SDG.

11.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

12.0 GFAA POST-DIGESTION SPIKE/DUPLICATE BURN

Not Applicable.

13.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

14.0 QUANTITATION/REPORTING LIMITS

All criteria were met. No qualifiers were applied.

METHODOLOGY REFERENCES

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ6E1 **Client ID:** CO13-PZM030

Matrix: Water **Units:** ug/L **Prep Date:** 1/3/02 **Prep Batch:** 2003114

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.6	B	1	ICPST	1/16/02	16:01
Arsenic	189.04	2.0	10.0	15.5		1	ICPST	1/16/02	16:01
Barium	493.41	0.14	200	54.6	B	1	ICPST	1/16/02	16:01
Beryllium	313.04	0.40	5.0	0.50	B	1	ICPST	1/16/02	16:01
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/16/02	16:01
Calcium	317.93	12.2	5000	291000		1	ICPST	1/16/02	16:01
Chromium	267.72	1.1	5.0	2.2	B	1	ICPST	1/16/02	16:01
Cobalt	228.62	0.86	50.0	7.4	B	1	ICPST	1/16/02	16:01
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/16/02	16:01
Iron	271.44	45.0	100	75400		1	ICPST	1/16/02	16:01
Lead	220.35	1.8	3.0	2.6	B	1	ICPST	1/16/02	16:01
Magnesium	279.08	7.1	5000	80400		1	ICPST	1/16/02	16:01
Manganese	257.61	0.47	15.0	2280		1	ICPST	1/16/02	16:01
Nickel	231.60	2.4	40.0	15.7	B	1	ICPST	1/16/02	16:01
Potassium	766.49	519	5000	27300		1	ICP	1/10/02	15:19
Selenium	220.35	3.2	5.0	3.8	B	1	ICPST	1/17/02	10:06
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/16/02	16:01
Sodium	589	75.0	25000	1120000		5	ICP	1/10/02	17:05
Thallium	190.86	5.7	10.0	8.0	B	1	ICPST	1/16/02	16:01
Tin	189.99	28.8	100	28.9	B	1	ICP	1/10/02	15:19
Vanadium	292.40	1.5	50.0	17.5	B	1	ICPST	1/16/02	16:01
Zinc	213.86	1.5	20.0	19.0	B	1	ICPST	1/16/02	16:01

Comments: Lot #: C1L310126 Sample #: 1

Version 4.97.1

U Result is less than the MDL.
B Result is between MDL and RL.

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ6E1 **Client ID:** CO13-PZM030

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004092

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	1/4/02	7:51

Comments: Lot #: C1L310126 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

CH2M Hill BS Sparrows Point

Bicarbonate Alkalinity

Lab Name:	STL PITTSBURGH	**Method:**	MCAWW 310.1
Client Name:	CH2M HILL	**Lot Number:**	C1L310126
Matrix:	WATER	**Date/Time Received:**	12/21/01 9:30:00AM
		SDG Number:	SPA003

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO13-PZM030	001	EQ6E11A4	60.2	mg/L	5.0	1	1/2/02 1/2/02	2002377

CH2M Hill BS Sparrows Point

Available Cyanide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 1677 - Cyani
Lot Number: C1L310126
Date/Time Received: 12/21/01 9:30:00AM
SDG Number: SPA003

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO13-PZM030	001	EQ6E11AG	0.035 J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

smt 2/20/02

CH2M Hill BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L310126
Date/Time Received: 12/21/01 9:30:00AM
SDG Number: SPA003

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO13-PZM030	001	EQ6E11A2	2290	mg/L	25.0	25	1/9/02 - 1/9/02	2008166

SMT 1/30/02

CH2M Hill BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L310126
Date/Time Received: 12/21/01 9:30:00AM
SDG Number: SPA003

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO13-PZM030	001	EQ6E11A3	549	mg/L	10.0	10	1/9/02 - 1/9/02	2008171

CH2M Hill BS Sparrows Point

Total Sulfide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: SW846 9030B/9034
Lot Number: C1L310126
Date/Time Received: 12/21/01 9:30:00AM
SDG Number: SPA003

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO13-PZM030	001	EQ6E11AE	ND	mg/L	1.0	1	1/2/02 - 1/2/02	2002098

Data Validation Qualifier Code Glossary

B - The compound/analyte was not detected substantially above the level of the associated method blank/preparation or field blank.

J - The positive result reported for this analyte is a quantitative estimate.

U - This compound/analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.

UJ - This compound/analyte was not detected in the sample. The quantitation/detection should be considered estimated and may be inaccurate or imprecise.

R The result for this compound/analyte is unusable. The analyte may or may not be present.

K - The positive result reported for this analyte is a biased high quantitative estimate. The actual result may be lower than reported.

L - The positive result for this analyte is a biased low quantitative estimate. The actual result may be higher than reported.

UL - This compound/analyte was not detected in the sample. The actual quantitation/detection may be higher than reported.

Other Codes:

ND - There were no positive results for this analytical fraction.

NA - This parameter is not applicable to this sample.

NR - This analysis parameter was not required for this sample.

Table 1 Samples For Data Validation Review
Sparrows Point Early Site Characterization
Severn Trent Laboratories Sample Delivery Group SPPC001

				ANALYSES PERFORMED								
SAMPLE I.D.	LABORATORY	DATE	MATRIX	APPVC	APPSVC	CPCB	COPI MET	MET	Chloride, Sulfate	BicarbonateAlkalinity	AVCN	Sulfides
EB11/26/01COPI	C1K270198003	11/26/2001	Equipment Blank	X	X	X	X				X	X
EB11/28/01COPI	C1K300228009	11/28/2001	Equipment Blank	X	X	X	X				X	X
FM05-PZM004-01C	C1K300305002	11/29/2001	Ground Water	X	X	X		X	X	X	X	X
HI02-PZM006-01C	C1K300228003	11/28/2001	Ground Water	X								
HI04-PZM006-01C	C1K280199001	11/27/2001	Ground Water	X	X	X	X				X	X
HI04-PZM034-01C	C1K280199002	11/27/2001	Ground Water	X	X	X		X	X	X	X	X
HI05-PZM012-01C	C1K280199003	11/27/2001	Ground Water	X	X	X	X				X	X
HI05-PZM046-01C	C1K270198001	11/26/2001	Ground Water	X	X	X	X				X	X
HI05-PZM046-01C DUP	C1K270198002	11/26/2001	Ground Water	X	X	X	X				X	X
HI07-PZM005-01C	C1K300228002	11/28/2001	Ground Water	X	X	X	X				X	X
HI07-PZM032-01C	C1K300228001	11/28/2001	Ground Water	X	X	X		X	X	X	X	X
TB11/26/01	C1K270198004	11/26/2001	Trip Blank	X								
TM02-PZM009-01C	C1K300228004	11/28/2001	Ground Water	X								
TM02-PZM028-01C	C1K300228005	11/28/2001	Ground Water	X	X	X	X				X	X
TM02-PZM028-01C DUP	C1K300228006	11/28/2001	Ground Water	X	X	X	X				X	X
TM02-PZM062-01C	C1K300228007	11/28/2001	Ground Water	X	X	X		X	X	X	X	X
TM10-PZM007-01C	C1K280199006	11/27/2001	Ground Water	X	X	X		X	X	X	X	X
TM11-PZM007-01C	C1K280199004	11/27/2001	Ground Water	X	X	X	X				X	X
TM11-PZM034-01C	C1K280199005	11/27/2001	Ground Water	X	X	X		X	X	X	X	X
TM12-PZM006-01C	C1K300228008	11/28/2001	Ground Water	X	X	X	X				X	X
TM16-PZM007-01C	*C1K300305001*	*11/29/2001*	*Ground Water*	*X*	*X*	*X*	*X*				*X*	*X*

APPVC	Appendix IX Volatile Organic Compounds
APPSVC	Appendix IX Semivolatile Organic Compounds
CPCB	Polychlorinated Biphenyls
COPI MET	COPI Metals
MET	Metals
AVCN	Available Cyanide

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC001
Matrix: Ground Water
Report Date: 2/7/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/7/2005

Date

1.0 *DATA COMPLETENESS*

A positive result of 0.39 µg/L was reported for 1,1,2-trichloroethane for sample HI04-PZM006. The raw data did not indicate the presence of this compound. The laboratory was contacted and indicated that the result for this compounds was reported in error. A revised analysis result form was provided for this sample.

Mass spectra were missing from the data package for sample HI04-PZM006 for 2-butanone, 1,2-dichloroethane, ethylbenzene, and 4-methyl-2-pentanone. Positive results for these compounds were reported. The laboratory was contacted and indicated that the results were reported in error. As indicated above the analysis result form was revised.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

The chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

5.0 *INSTRUMENT PERFORMANCE*

All criteria were met. No qualifiers were applied.

5.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

There was no trip blank submitted with the samples shipped on 11/27/2001, 11/28/2001, 11/29/2001, or 11/30/2001. Therefore, the data for associated samples could not be evaluated based on this parameter. This should be noted when assessing the data.

The positive result reported for methylene chloride for sample HI05-PZM046 DUP is qualitatively invalid due to the presence of this compound in associated trip blank. USEPA Region III protocol requires positive results for common contaminants, such as methylene chloride, that are less than or equal to ten times the associated blank contamination level, to be considered qualitatively invalid. Placing a "B" qualifier next to methylene chloride result for this sample has indicated this.

7.0 *SURROGATE COMPOUNDS*

All criteria were met. No qualifiers were applied.

8.0 *MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY*

All criteria were met. No qualifiers were applied.

9.0 *FIELD DUPLICATE RESULTS*

Duplicate sample pairs HI05-PZM046 and HI05-PZM046 DUP, and TM02-PZ028 and TM02-PZ028 DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. Results for these duplicate samples are presented in Tables 2 and 3. Precision is evaluated by calculating the relative percent difference (%RPD) between duplicate pair results. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criteria of twenty percent for volatile detected compounds (and 25 percent for extractable compounds) to evaluate aqueous field duplicate samples.

10.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

11.0 INTERNAL STANDARD PERFORMANCE

Area counts for the internal standard compound perylene-d_{12} was below acceptance limits for the semivolatile analyses of samples TM02-PZM028 and TM02-PZM028 DUP. The low area counts may be due to the presence of matrix interferences and/or analytical inefficiencies for these samples. The laboratory did not re-analyze the samples to confirm the unacceptable internal standard area counts, because these samples were duplicates. The results for compounds that were quantitated using these internal standard compounds should be considered quantitative estimates. The affected compounds are di-n-octylphthalate, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene. There were no positive results for these compounds. The quantitation limits have been marked "UJ" to indicate that they are estimates.

12.0 QUALITATIVE IDENTIFICATION

The laboratory reported positive results for 2-methyl naphthalene, phenanthrene, and diethylphthate for sample HI05-PZM012. The results were below the quantitation limits, and the mass spectra for these compounds are very poor. The EDQ has replaced the results reported by the laboratory with the quantitation limit.

13.0 QUANTITATION/REPORTING LIMITS

The samples presented on page 6 were reanalyzed at dilutions for volatile or semivolatile organic compounds. The dilution analyses were performed because responses for these compounds exceeded the linear range of the GC/MS instrument. The results for the affected compounds have been reported from the diluted analysis. All other results have been reported from the initial analysis.

Sample	Fraction	Dilution Factor	Compound Reported From Dilution Analysis
HI07-PZM032	VOA	2.0	Benzene
HI07-PZM032	SVOA	4.0	4-Methylphenol, Naphthalene
TM02-PZM028	SVOA	3.0	2,4-Dimethylphenol, 4-Methylphenol, Naphthalene
TM02-PZM028 DUP	SVOA	3.0	2,4-Dimethylphenol, Naphthalene
FM05-PZM004	SVOA	5.0	Naphthalene

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits (QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/27/01
Work Order: EPJLF1AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:NA

QC Batch: 1333207

Client Sample Id: HI05-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 1/27/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/27/01
Work Order: EPJLF1AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:NA

QC Batch: 1333207

Client Sample Id: HI05-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMK 1/27/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/27/01
Work Order: EPJM81AE Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:NA

QC Batch: 1333207

Client Sample Id: HI05-PZM046 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	10	U	
71-43-2	Benzene	1.0	U	
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	0.72	J	B
108-10-1	4-Methyl-2-pentanone	5.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SMK 1/21/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/27/01
Work Order: EPJM81AE Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:NA

QC Batch: 1333207

Client Sample Id: HI05-PZM046 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMK 11/27/2001

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/27/01
Work Order: EPJNJ1AE Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:NA

QC Batch: 1333207

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	1.1	J
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smk 12/7/00

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/27/01
Work Order: EPJNJ1AE Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:NA

QC Batch: 1333207

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/27/01
Work Order: EPJN51AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:NA

QC Batch: 1333207

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	1.2	J
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 1/24/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/27/01
Work Order: EPJN51AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:NA

QC Batch: 1333207

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Resubmittal
RECEIVED
SMC 2/7/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 C01
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLAV1AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: HI04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	9.4	J
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	0.73	J
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	5.9	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smh 2/7/2002

Resubmittal
RECEIVED
SMK 2/7/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Lab Sample ID:C1K280199 001

Sample WT/Vol: 5 / mL
Work Order: EPLAV1AA
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 11/29/01

QC Batch: 1333207

Client Sample Id: HI04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

SMK 2/7/02
60

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLAV1AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: HI04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	9.4	J
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone ND	0.68	J
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane ND	0.53	J
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene ND	0.41	J
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	0.73	J BJ
108-10-1	4-Methyl-2-pentanone ND	0.26	J
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	5.9	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane ND	0.39	J
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMM 11/27/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLAV1AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: HI04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMK 12/7/01

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLAW1AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: HI04-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	1.1	J
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLAW1AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: HI04-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMK 1/2/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLAX1AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: HI05-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	**4.3**	**J**
71-43-2	**Benzene**	1.3	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	**Methylene chloride**	**0.91**	**J**
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	**0.39**	**J**
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 1/27/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLAX1AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: HI05-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	0.78	J

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLA01AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: TM11-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	0.51	J
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	0.97	J
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 1/7/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLA01AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: TM11-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMK 11/27/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLA21AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: TM11-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	0.50	J
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 1/27/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLA21AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: TM11-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMH 1/27/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLA31AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: TM10-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	**Benzene**	0.55	J
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	**1,1-Dichloroethane**	0.31	J
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	**Ethylbenzene**	0.44	J
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	**Tetrachloroethene**	0.72	J
108-88-3	**Toluene**	1.2	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	**Trichloroethene**	0.68	J
75-01-4	Vinyl chloride	2.0	U

SMK 1/27/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLA31AA Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 11/29/01
Moisture %:

QC Batch: 1333207

Client Sample Id: TM10-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	2.6	J

smk 1/28/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQF51AA Date Extracted:12/01/01
Dilution factor: 1 Date Analyzed: 12/01/01
Moisture %:

QC Batch: 1335142

Client Sample Id: HI07-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	5.8	J
71-43-2	Benzene	64	~~J~~ R
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	1.2	J
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	22	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQF51AA Date Extracted:12/01/01
Dilution factor: 1 Date Analyzed: 12/01/01
Moisture %:

QC Batch: 1335142

Client Sample Id: HI07-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	27	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQF52AA Date Extracted:12/01/01
Dilution factor: 2 Date Analyzed: 12/01/01
Moisture %:

QC Batch: 1335142

Client Sample Id: HI07-PZM032 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	6.8	J	R
71-43-2	Benzene	71		
75-25-2	Bromoform	2.0	U	R
78-93-3	2-Butanone	10	U	
75-15-0	Carbon disulfide	2.0	U	
56-23-5	Carbon tetrachloride	2.0	U	
108-90-7	Chlorobenzene	2.0	U	
75-00-3	Chloroethane	4.0	U	
67-66-3	Chloroform	2.0	U	
75-34-3	1,1-Dichloroethane	2.0	U	
107-06-2	1,2-Dichloroethane	2.0	U	
75-35-4	1,1-Dichloroethene	2.0	U	
156-60-5	trans-1,2-Dichloroethene	2.0	U	
78-87-5	1,2-Dichloropropane	2.0	U	
10061-01-5	cis-1,3-Dichloropropene	2.0	U	
10061-02-6	trans-1,3-Dichloropropene	2.0	U	
100-41-4	Ethylbenzene	0.75	J	
591-78-6	2-Hexanone	10	U	
75-09-2	Methylene chloride	4.0	U	
108-10-1	4-Methyl-2-pentanone	10	U	
630-20-6	1,1,1,2-Tetrachloroethane	2.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	
127-18-4	Tetrachloroethene	2.0	U	
108-88-3	Toluene	17		
71-55-6	1,1,1-Trichloroethane	2.0	U	
79-00-5	1,1,2-Trichloroethane	2.0	U	
79-01-6	Trichloroethene	2.0	U	
75-01-4	Vinyl chloride	4.0	U	

STM 1/27/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQF52AA Date Extracted:12/01/01
Dilution factor: 2 Date Analyzed: 12/01/01
Moisture %:

QC Batch: 1335142

Client Sample Id: HI07-PZM032 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	20		R

SMK 1/21/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQF71AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: HI07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	**Benzene**	25	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	**Ethylbenzene**	**0.43**	**J**
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	**7.9**	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smn 1/27/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQF71AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: HI07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	9.4	

SMA 1/22/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQF81AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: HI02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	6.3	J
71-43-2	Benzene	0.77	J
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	1.2	J
75-15-0	Carbon disulfide	1.2	
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	0.67	J
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smk 12/7/01

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQF81AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: HI02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	0.97	J

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQF91AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: TM02-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	2.1	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	**Ethylbenzene**	**0.26**	**J**
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	**2.4**	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	**Trichloroethene**	**0.29**	**J**
75-01-4	Vinyl chloride	2.0	U

SMK 12/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQF91AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: TM02-PZM009

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	1.9	J

SMK 1/27/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQGA1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: TM02-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	5.3	J
71-43-2	**Benzene**	6.1	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	**Ethylbenzene**	0.56	J
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	5.2	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	**Trichloroethene**	1.0	
75-01-4	Vinyl chloride	2.0	U

SMM 1/27/2002

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC001

Matrix: (soil/water) WA Lab Sample ID: C1K300228 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQGA1AA Date Extracted: 12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: TM02-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	9.8	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQGD1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: TM02-PZM028 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	3.6	J
71-43-2	Benzene	5.8	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	**Ethylbenzene**	**0.48**	**J**
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	**4.6**	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	**Trichloroethene**	**1.0**	
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQGD1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: TM02-PZM028 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	8.8	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQGE1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: TM02-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	6.7	J
71-43-2	Benzene	2.7	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	1.4	J
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	2.1	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	2.0	
75-01-4	Vinyl chloride	2.0	U

SMK 12/7/01

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQGE1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: TM02-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.7	

SMK 1/27/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQGG1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: TM12-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	0.35	J
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 1/21/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQGH1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: EQUIPMENT BLANK 3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 1/22/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQGH1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1337246

Client Sample Id: EQUIPMENT BLANK 3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

smh 1/7/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K300305 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ6Q1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337246

Client Sample Id: TM16-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	3.2	J
71-43-2	Benzene	1.6	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	0.88	J
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	0.34	J
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	2.0	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 1/27/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K300305 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ6Q1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337246

Client Sample Id: TM16-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.4	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K300305 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ6R1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337246

Client Sample Id: FM05-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	**Benzene**	1.7	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	**Carbon disulfide**	0.79	J
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	0.62	J
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMW 1/27/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K300305 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ6R1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337246

Client Sample Id: FM05-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	0.75	J

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/27/01
Work Order: EPJLF1AE Date Extracted:11/28/01
Dilution factor: 1 Date Analyzed: 11/30/01
Moisture %:NA

QC Batch: 1332162

Client Sample Id: HI05-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 1/28/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/27/01
Work Order: EPJLF1AE Date Extracted:11/28/01
Dilution factor: 1 Date Analyzed: 11/30/01
Moisture %:NA

QC Batch: 1332162

Client Sample Id: HI05-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91 20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

sml 11/28/01

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/27/01
Work Order: EPJLF1AE Date Extracted:11/28/01
Dilution factor: 1 Date Analyzed: 11/30/01
Moisture %:NA

QC Batch: 1332162

Client Sample Id: HI05-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 1/28/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/27/01
Work Order: EPJM81AF Date Extracted:11/28/01
Dilution factor: 1 Date Analyzed: 11/30/01
Moisture %:NA

QC Batch: 1332162

Client Sample Id: HI05-PZM046 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smk 1/24/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/27/01
Work Order: EPJM81AF Date Extracted:11/28/01
Dilution factor: 1 Date Analyzed: 11/30/01
Moisture %:NA

QC Batch: 1332162

Client Sample Id: HI05-PZM046 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMM 12/9/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/27/01
Work Order: EPJM81AF Date Extracted:11/28/01
Dilution factor: 1 Date Analyzed: 11/30/01
Moisture %:NA

QC Batch: 1332162

Client Sample Id: HI05-PZM046 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SML 12/9/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/27/01
Work Order: EPJNJ1AF Date Extracted:11/28/01
Dilution factor: 1 Date Analyzed: 11/30/01
Moisture %:NA

QC Batch: 1332162

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smm 11/9/00

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/27/01
Work Order: EPJNJ1AF Date Extracted:11/28/01
Dilution factor: 1 Date Analyzed: 11/30/01
Moisture %:NA

QC Batch: 1332162

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smh 11/28/01

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K270198 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/27/01
Work Order: EPJNJ1AF Date Extracted:11/28/01
Dilution factor: 1 Date Analyzed: 11/30/01
Moisture %:NA

QC Batch: 1332162

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280199 001

Sample WT/Vol: 1000 / mL
Work Order: EPLAV1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: HI04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1.2	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	12	
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280199 001

Sample WT/Vol: 1000 / mL
Work Order: EPLAV1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: HI04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	**4-Methylphenol**	**2.5** ✓	**J**
91-20-3	**Naphthalene**	**0.89**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**0.85**	**J**
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 1/8/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280199 001

Sample WT/Vol: 1000 / mL
Work Order: EPLAV1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: HI04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 1/29/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Lab Sample ID:C1K280199 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Date Received: 11/28/01
Work Order: EPLAW1AC
Date Extracted:11/29/01
Dilution factor: 1
Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: HI04-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMA 1/29/02

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC001

Matrix: (soil/water) WA
Lab Sample ID: C1K280199 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Date Received: 11/28/01
Work Order: EPLAW1AC
Date Extracted: 11/29/01
Dilution factor: 1
Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: HI04-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 12/9/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Lab Sample ID:C1K280199 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Date Received: 11/28/01
Work Order: EPLAW1AC
Date Extracted:11/29/01
Dilution factor: 1
Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: HI04-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMM 11/29/01

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280199 003

Sample WT/Vol: 1000 / mL
Work Order: EPLAX1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/04/01

QC Batch: 1333284

Client Sample Id: HI05-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	0.85	J
119-93-7	3,3'-Dimethylbenzidine	50	U

10 U

SML 2/7/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280199 003

Sample WT/Vol: 1000 / mL
Work Order: EPLAX1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/04/01

QC Batch: 1333284

Client Sample Id: HI05-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	14		
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	0.65	J	
86-73-7	Fluorene	10	U	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	~~1.6~~ 10	~~J~~	U
95-48-7	2-Methylphenol	10	U	
106-44-5	4-Methylphenol	3.8	J	
91-20-3	Naphthalene	1.0	J	
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	~~1.3~~ 10	~~J~~	U
108-95-2	Phenol	10	U	
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	20	U	

SMK 2/7/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280199 003

Sample WT/Vol: 1000 / mL
Work Order: EPLAX1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/04/01

QC Batch: 1333284

Client Sample Id: HI05-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMH 2/7/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280199 004

Sample WT/Vol: 1000 / mL
Work Order: EPLA01AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM11-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SML 12/19/01

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280199 004

Sample WT/Vol: 1000 / mL
Work Order: EPLA01AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM11-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**4.8**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**0.82**	**J**
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLA01AC Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM11-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 11/29/01

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLA21AC Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM11-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMV 1/29/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K280199 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLA21AC Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM11-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMM 1/4/02

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1K280199 005

Sample WT/Vol: 1000 / mL
Work Order: EPLA21AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted: 11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM11-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMM 1/29/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280199 006

Sample WT/Vol: 1000 / mL
Work Order: EPLA31AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM10-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**2.9**	**J**
208-96-8	Acenaphthylene	10	U
120-12-7	**Anthracene**	**0.82**	**J**
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**1.6**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	**1,2-Dichlorobenzene**	**3.2**	**J**
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMT 1/29/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280199 006

Sample WT/Vol: 1000 / mL
Work Order: EPLA31AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM10-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**1.8**	**J**
86-73-7	**Fluorene**	**2.1**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	**2-Methylnaphthalene**	**1.9**	**J**
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**12**	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**5.0**	**J**
108-95-2	Phenol	10	U
129-00-0	**Pyrene**	**1.2**	**J**
110-86-1	Pyridine	20	U

SMK 1/29/02

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1K280199 006

Sample WT/Vol: 1000 / mL
Work Order: EPLA31AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted: 11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM10-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 1/24/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQF51AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:

QC Batch: 1337353

Client Sample Id: HI07-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**2.4**	**J**
208-96-8	**Acenaphthylene**	**2.9**	**J**
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**2.7**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SML 1/29/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300228 001

Sample WT/Vol: 1000 / mL
Work Order: EPQF51AC
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: HI07-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	220	~~E~~	R
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	0.82	J	
86-73-7	Fluorene	4.5	J	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	20		
95-48-7	2-Methylphenol	5.1	J	
106-44-5	4-Methylphenol	85	~~E~~	R.
91-20-3	Naphthalene	230	~~E~~	R
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	5.7	J	
108-95-2	Phenol	30		
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	16	J	

SMM 1/29/02

FORM I

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1K300228 001

Sample WT/Vol: 1000 / mL
Work Order: EPQF51AC
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted: 12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: HI07-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMM 12/9/01

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1K300228 001 DL

Sample WT/Vol: 1000 / mL
Work Order: EPQF52AC
Dilution factor: 4
Moisture %:

Date Received: 11/29/01
Date Extracted: 12/03/01
Date Analyzed: 12/11/01

QC Batch: 1337353

Client Sample Id: HI07-PZM032 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	3.2	J
208-96-8	Acenaphthylene	40	
120-12-7	Anthracene	40	
56-55-3	Benzo(a)anthracene	40	
205-99-2	Benzo(b)fluoranthene	40	
207-08-9	Benzo(k)fluoranthene	40	
191-24-2	Benzo(ghi)perylene	40	
50-32-8	Benzo(a)pyrene	40	
111-91-1	bis(2-Chloroethoxy)methane	40	
111-44-4	bis(2-Chloroethyl) ether	40	
117-81-7	bis(2-Ethylhexyl) phthalate	40	
101-55-3	4-Bromophenyl phenyl ether	40	
85-68-7	Butyl benzyl phthalate	40	
59-50-7	4-Chloro-3-methylphenol	40	
91-58-7	2-Chloronaphthalene	40	
95-57-8	2-Chlorophenol	40	
7005-72-3	4-Chlorophenyl phenyl ether	40	
218-01-9	Chrysene	40	
53-70-3	Dibenz(a,h)anthracene	40	
132-64-9	**Dibenzofuran**	3.2	J
84-74-2	Di-n-butyl phthalate	40	
95-50-1	1,2-Dichlorobenzene	40	
541-73-1	1,3-Dichlorobenzene	40	
106-46-7	1,4-Dichlorobenzene	40	
91-94-1	3,3'-Dichlorobenzidine	200	
120-83-2	2,4-Dichlorophenol	40	
84-66-2	Diethyl phthalate	40	
119-93-7	3,3'-Dimethylbenzidine	200	

R

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC001

Matrix: (soil/water) WA Lab Sample ID: C1K300228 001 DC
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQF52AC Date Extracted: 12/03/01
Dilution factor: 4 Date Analyzed: 12/11/01
Moisture %:

QC Batch: 1337353

Client Sample Id: HI07-PZM032 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	240		R
131-11-3	Dimethyl phthalate	40	U	
117-84-0	Di-n-octyl phthalate	40	U	
534-52-1	4,6-Dinitro-2-methylphenol	200	U	
51-28-5	2,4-Dinitrophenol	200	U	
121-14-2	2,4-Dinitrotoluene	40	U	
606-20-2	2,6-Dinitrotoluene	40	U	
206-44-0	Fluoranthene	40	U	
86-73-7	Fluorene	5.0	J	
118-74-1	Hexachlorobenzene	40	U	
87-68-3	Hexachlorobutadiene	40	U	
77-47-4	Hexachlorocyclopentadiene	200	U	
67-72-1	Hexachloroethane	40	U	
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	
78-59-1	Isophorone	40	U	
91-57-6	2-Methylnaphthalene	23	J	
95-48-7	2-Methylphenol	5.4	J	
106-44-5	4-Methylphenol	100		
91-20-3	Naphthalene	240		
98-95-3	Nitrobenzene	40	U	R
88-75-5	2-Nitrophenol	40	U	
100-02-7	4-Nitrophenol	200	U	
76-01-7	Pentachloroethane	200	U	
87-86-5	Pentachlorophenol	200	U	
85-01-8	Phenanthrene	7.0	J	
108-95-2	Phenol	36	J	
129-00-0	Pyrene	40	U	
110-86-1	Pyridine	17	J	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300228 001 DL

Sample WT/Vol: 1000 / mL
Work Order: EPQF52AC
Dilution factor: 4
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/11/01

QC Batch: 1337353

Client Sample Id: HI07-PZM032 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	40	U	R
95-95-4	2,4,5-Trichlorophenol	40	U	
88-06-2	2,4,6-Trichlorophenol	40	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	80	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQF71AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:

QC Batch: 1337353

Client Sample Id: HI07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**0.85**	**J**
208-96-8	**Acenaphthylene**	**1.2**	**J**
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**0.91**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMH 1/29/02

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1K300228 002

Sample WT/Vol: 1000 / mL
Work Order: EPQF71AC
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted: 12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: HI07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	22	
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	1.0	J
86-73-7	Fluorene	1.2	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	2.4	J
95-48-7	2-Methylphenol	0.94	J
106-44-5	4-Methylphenol	10	
91-20-3	Naphthalene	40	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	3.0	J
108-95-2	Phenol	4.8	J
129-00-0	Pyrene	10	U
110-86-1	Pyridine	4.1	J

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FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGA1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	2.8	J	
208-96-8	Acenaphthylene	1.3	J	
120-12-7	Anthracene	1.3	J	
56-55-3	Benzo(a)anthracene	10	U	
205-99-2	Benzo(b)fluoranthene	10	U	4444
207-08-9	Benzo(k)fluoranthene	10	U	
191-24-2	Benzo(ghi)perylene	10	U	
50-32-8	Benzo(a)pyrene	10	U	
111-91-1	bis(2-Chloroethoxy)methane	10	U	
111-44-4	bis(2-Chloroethyl) ether	10	U	
117-81-7	bis(2-Ethylhexyl) phthalate	10	U	
101-55-3	4-Bromophenyl phenyl ether	10	U	
85-68-7	Butyl benzyl phthalate	10	U	
59-50-7	4-Chloro-3-methylphenol	10	U	
91-58-7	2-Chloronaphthalene	10	U	
95-57-8	2-Chlorophenol	10	U	
7005-72-3	4-Chlorophenyl phenyl ether	10	U	
218-01-9	Chrysene	10	U	
53-70-3	Dibenz(a,h)anthracene	10	U	4
132-64-9	Dibenzofuran	3.6	J	
84-74-2	Di-n-butyl phthalate	10	U	
95-50-1	1,2-Dichlorobenzene	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
91-94-1	3,3'-Dichlorobenzidine	50	U	
120-83-2	2,4-Dichlorophenol	10	U	
84-66-2	Diethyl phthalate	10	U	
119-93-7	3,3'-Dimethylbenzidine	50	U	

SMK 1/9/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300228 005

Sample WT/Vol: 1000 / mL
Work Order: EPQGA1AC
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: TM02-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	170	E	R
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	J
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	1.5	J	
86-73-7	Fluorene	3.6	J	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	4
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	11		
95-48-7	2-Methylphenol	5.2	J	
106-44-5	4-Methylphenol	81	E	R
91-20-3	Naphthalene	130	E	R
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	7.8	J	
108-95-2	Phenol	8.0	J	
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	20	U	

SMT 12/9/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300228 002

Sample WT/Vol: 1000 / mL
Work Order: EPQF71AC
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: HI07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMR 1/29/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGA1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM028

per Dwayne Rodgers 2/19/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	10	U	R
95-95-4	2,4,5-Trichlorophenol	10	U	
88-06-2	2,4,6-Trichlorophenol	10	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U	

SMW 12/20/01

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300228 005 DL

Sample WT/Vol: 1000 / mL
Work Order: EPQGA2AC
Dilution factor: 3
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/11/01

QC Batch: 1337353

Client Sample Id: TM02-PZM028 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	3.4	J	R
208-96-8	Acenaphthylene	30	U	
120-12-7	Anthracene	30	U	
56-55-3	Benzo(a)anthracene	30	U	
205-99-2	Benzo(b)fluoranthene	30	U	
207-08-9	Benzo(k)fluoranthene	30	U	
191-24-2	Benzo(ghi)perylene	30	U	
50-32-8	Benzo(a)pyrene	30	U	
111-91-1	bis(2-Chloroethoxy)methane	30	U	
111-44-4	bis(2-Chloroethyl) ether	30	U	
117-81-7	bis(2-Ethylhexyl) phthalate	30	U	
101-55-3	4-Bromophenyl phenyl ether	30	U	
85-68-7	Butyl benzyl phthalate	30	U	
59-50-7	4-Chloro-3-methylphenol	30	U	
91-58-7	2-Chloronaphthalene	30	U	
95-57-8	2-Chlorophenol	30	U	
7005-72-3	4-Chlorophenyl phenyl ether	30	U	
218-01-9	Chrysene	30	U	
53-70-3	Dibenz(a,h)anthracene	30	U	
132-64-9	Dibenzofuran	4.3	J	
84-74-2	Di-n-butyl phthalate	30	U	
95-50-1	1,2-Dichlorobenzene	30	U	
541-73-1	1,3-Dichlorobenzene	30	U	
106-46-7	1,4-Dichlorobenzene	30	U	
91-94-1	3,3'-Dichlorobenzidine	150	U	
120-83-2	2,4-Dichlorophenol	30	U	
84-66-2	Diethyl phthalate	30	U	
119-93-7	3,3'-Dimethylbenzidine	150	U	

SMK 1/29/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 005 NL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGA2AC Date Extracted:12/03/01
Dilution factor: 3 Date Analyzed: 12/11/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM028 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	180		R
131-11-3	Dimethyl phthalate	30	U	
117-84-0	Di-n-octyl phthalate	30	U	
534-52-1	4,6-Dinitro-2-methylphenol	150	U	
51-28-5	2,4-Dinitrophenol	150	U	
121-14-2	2,4-Dinitrotoluene	30	U	
606-20-2	2,6-Dinitrotoluene	30	U	
206-44-0	Fluoranthene	2.0	J	
86-73-7	Fluorene	4.2	J	
118-74-1	Hexachlorobenzene	30	U	
87-68-3	Hexachlorobutadiene	30	U	
77-47-4	Hexachlorocyclopentadiene	150	U	
67-72-1	Hexachloroethane	30	U	
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	
78-59-1	Isophorone	30	U	
91-57-6	2-Methylnaphthalene	12	J	
95-48-7	2-Methylphenol	4.7	J	
106-44-5	4-Methylphenol	85		
91-20-3	Naphthalene	150		
98-95-3	Nitrobenzene	30	U	R
88-75-5	2-Nitrophenol	30	U	
100-02-7	4-Nitrophenol	150	U	
76-01-7	Pentachloroethane	150	U	
87-86-5	Pentachlorophenol	150	U	
85-01-8	Phenanthrene	10	J	
108-95-2	Phenol	8.3	J	
129-00-0	Pyrene	30	U	
110-86-1	Pyridine	60	U	

smk 1/9/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 005 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGA2AC Date Extracted:12/03/01
Dilution factor: 3 Date Analyzed: 12/11/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM028 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	30	U
95-95-4	2,4,5-Trichlorophenol	30	U
88-06-2	2,4,6-Trichlorophenol	30	U
108-60-1	2,2'-oxybis(1-Chloropropane)	60	U

smb 1/29/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGD1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM028 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	**Acenaphthene**	**2.6**	**J**	
208-96-8	**Acenaphthylene**	**1.2**	**J**	
120-12-7	**Anthracene**	**1.1**	**J**	
56-55-3	Benzo(a)anthracene	10	U	
205-99-2	Benzo(b)fluoranthene	10	U	4444
207-08-9	Benzo(k)fluoranthene	10	U	
191-24-2	Benzo(ghi)perylene	10	U	
50-32-8	Benzo(a)pyrene	10	U	
111-91-1	bis(2-Chloroethoxy)methane	10	U	
111-44-4	bis(2-Chloroethyl) ether	10	U	
117-81-7	bis(2-Ethylhexyl) phthalate	10	U	
101-55-3	4-Bromophenyl phenyl ether	10	U	
85-68-7	Butyl benzyl phthalate	10	U	
59-50-7	4-Chloro-3-methylphenol	10	U	
91-58-7	2-Chloronaphthalene	10	U	
95-57-8	2-Chlorophenol	10	U	
7005-72-3	4-Chlorophenyl phenyl ether	10	U	
218-01-9	Chrysene	10	U	
53-70-3	Dibenz(a,h)anthracene	10	U	4
132-64-9	**Dibenzofuran**	**3.3**	**J**	
84-74-2	Di-n-butyl phthalate	10	U	
95-50-1	1,2-Dichlorobenzene	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
91-94-1	3,3'-Dichlorobenzidine	50	U	
120-83-2	2,4-Dichlorophenol	10	U	
84-66-2	Diethyl phthalate	10	U	
119-93-7	3,3'-Dimethylbenzidine	50	U	

SMK 1/29/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGD1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM028 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	**2,4-Dimethylphenol**	**160**	E	R
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	J
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	**Fluoranthene**	**1.4**	**J**	
86-73-7	**Fluorene**	**3.5**	**J**	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	J
78-59-1	Isophorone	10	U	
91-57-6	**2-Methylnaphthalene**	**11**		
95-48-7	**2-Methylphenol**	**5.2**	**J**	
106-44-5	**4-Methylphenol**	**77**		
91-20-3	**Naphthalene**	**130**	E	R
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	**Phenanthrene**	**7.6**	**J**	
108-95-2	**Phenol**	**7.7**	**J**	
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	20	U	

SMK 1/24/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300228 006

Sample WT/Vol: 1000 / mL
Work Order: EPQGD1AC
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: TM02-PZM028 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

smn 11/29/02

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC001

Matrix: (soil/water) WA Lab Sample ID: C1K300228 006 JL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGD2AC Date Extracted: 12/03/01
Dilution factor: 3 Date Analyzed: 12/11/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM028 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	R
83-32-9	Acenaphthene	3.3	J	
208-96-8	Acenaphthylene	30		
120-12-7	Anthracene	30		
56-55-3	Benzo(a)anthracene	30		
205-99-2	Benzo(b)fluoranthene	30		
207-08-9	Benzo(k)fluoranthene	30		
191-24-2	Benzo(ghi)perylene	30		
50-32-8	Benzo(a)pyrene	30		
111-91-1	bis(2-Chloroethoxy)methane	30		
111-44-4	bis(2-Chloroethyl) ether	30		
117-81-7	bis(2-Ethylhexyl) phthalate	30		
101-55-3	4-Bromophenyl phenyl ether	30		
85-68-7	Butyl benzyl phthalate	30		
59-50-7	4-Chloro-3-methylphenol	30		
91-58-7	2-Chloronaphthalene	30		
95-57-8	2-Chlorophenol	30		
7005-72-3	4-Chlorophenyl phenyl ether	30		
218-01-9	Chrysene	30		
53-70-3	Dibenz(a,h)anthracene	30		
132-64-9	Dibenzofuran	3.9	J	
84-74-2	Di-n-butyl phthalate	30		
95-50-1	1,2-Dichlorobenzene	30		
541-73-1	1,3-Dichlorobenzene	30		
106-46-7	1,4-Dichlorobenzene	30		
91-94-1	3,3'-Dichlorobenzidine	150		
120-83-2	2,4-Dichlorophenol	30		
84-66-2	Diethyl phthalate	30		
119-93-7	3,3'-Dimethylbenzidine	150		

SMM 1/29/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 006 NL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGD2AC Date Extracted:12/03/01
Dilution factor: 3 Date Analyzed: 12/11/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM028 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	170		
131-11-3	Dimethyl phthalate	30		U
117-84-0	Di-n-octyl phthalate	30		U
534-52-1	4,6-Dinitro-2-methylphenol	150		U
51-28-5	2,4-Dinitrophenol	150		U
121-14-2	2,4-Dinitrotoluene	30		U
606-20-2	2,6-Dinitrotoluene	30		U
206-44-0	Fluoranthene	30		U
86-73-7	Fluorene	4.1	J	
118-74-1	Hexachlorobenzene	30		U
87-68-3	Hexachlorobutadiene	30		U
77-47-4	Hexachlorocyclopentadiene	150		U
67-72-1	Hexachloroethane	30		U
193-39-5	Indeno(1,2,3-cd)pyrene	30		U
78-59-1	Isophorone	30		U
91-57-6	2-Methylnaphthalene	12	J	
95-48-7	2-Methylphenol	5.0	J	
106-44-5	4-Methylphenol	78		
91-20-3	Naphthalene	150		
98-95-3	Nitrobenzene	30		U
88-75-5	2-Nitrophenol	30		U
100-02-7	4-Nitrophenol	150		U
76-01-7	Pentachloroethane	150		U
87-86-5	Pentachlorophenol	150		U
85-01-8	Phenanthrene	9.6	J	
108-95-2	Phenol	8.1	J	
129-00-0	Pyrene	30		U
110-86-1	Pyridine	60		U

SMK 1/29/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 006 K
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGD2AC Date Extracted:12/03/01
Dilution factor: 3 Date Analyzed: 12/11/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM028 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	30	U	P
95-95-4	2,4,5-Trichlorophenol	30	U	
88-06-2	2,4,6-Trichlorophenol	30	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	60	U	

SMM 1/29/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGE1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1.7	J
208-96-8	Acenaphthylene	1.0	J
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	1.8	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 12/9/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGE1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	45	
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	1.4	J
86-73-7	Fluorene	2.1	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	3.5	J
95-48-7	2-Methylphenol	2.0	J
106-44-5	4-Methylphenol	27	
91-20-3	Naphthalene	41	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	5.1	J
108-95-2	Phenol	29	
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smk 12/9/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Lab Sample ID:C1K300228 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Date Received: 11/29/01
Work Order: EPQGE1AC
Date Extracted:12/03/01
Dilution factor: 1
Date Analyzed: 12/10/01
Moisture %:

QC Batch: 1337353

Client Sample Id: TM02-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

smm 12/9/01

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGG1AC Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1338345

Client Sample Id: TM12-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	1.3	J
120-12-7	Anthracene	0.84	J
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	1.5	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 1/29/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGG1AC Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1338345

Client Sample Id: TM12-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**2.1**	**J**
86-73-7	**Fluorene**	**2.6**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	**2-Methylnaphthalene**	**1.1**	**J**
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**7.0**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**5.4**	**J**
108-95-2	Phenol	10	U
129-00-0	**Pyrene**	**1.6**	**J**
110-86-1	Pyridine	20	U

SMH 12/9/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGG1AC Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1338345

Client Sample Id: TM12-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 1/29/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300228 009

Sample WT/Vol: 1000 / mL
Work Order: EPQGH1AC
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: EQUIPMENT BLANK 3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA Lab Sample ID:C1K300228 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQGH1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:

QC Batch: 1337353

Client Sample Id: EQUIPMENT BLANK 3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300228 009

Sample WT/Vol: 1000 / mL
Work Order: EPQGH1AC
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: EQUIPMENT BLANK 3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300305 001

Sample WT/Vol: 1000 / mL
Work Order: EPQ6Q1AC
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: TM16-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1.2	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K300305 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ6Q1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: TM16-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	**2,4-Dimethylphenol**	**14**	
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	**Fluorene**	**0.95**	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	**2-Methylphenol**	**0.98**	J
106-44-5	**4-Methylphenol**	**6.2**	J
91-20-3	**Naphthalene**	**3.5**	J
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**2.0**	J
108-95-2	**Phenol**	**2.6** ✓	J
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMM 1/29/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K300305 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ6Q1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: TM16-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K300305 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ6R1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM05-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**0.95**	**J**
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**1.3**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 1/29/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K300305 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ6R1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM05-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	10	U	
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	**Fluoranthene**	**1.5**	**J**	
86-73-7	**Fluorene**	**1.8**	**J**	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	**2-Methylnaphthalene**	**3.6**	**J**	
95-48-7	2-Methylphenol	10	U	
106-44-5	4-Methylphenol	10	U	
91-20-3	**Naphthalene**	**280**	~~J~~ E	R
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	**Phenanthrene**	**3.6**	**J**	
108-95-2	Phenol	10	U	
129-00-0	**Pyrene**	**1.0**	**J**	
110-86-1	Pyridine	20	U	

SML 1/9/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K300305 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ6R1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM05-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K300305 002

Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ6R2AC Date Extracted:12/03/01
Dilution factor: 5 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM05-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	50	U	R
208-96-8	Acenaphthylene	50	U	
120-12-7	Anthracene	50	U	
56-55-3	Benzo(a)anthracene	50	U	
205-99-2	Benzo(b)fluoranthene	50	U	
207-08-9	Benzo(k)fluoranthene	50	U	
191-24-2	Benzo(ghi)perylene	50	U	
50-32-8	Benzo(a)pyrene	50	U	
111-91-1	bis(2-Chloroethoxy)methane	50	U	
111-44-4	bis(2-Chloroethyl) ether	50	U	
117-81-7	bis(2-Ethylhexyl) phthalate	50	U	
101-55-3	4-Bromophenyl phenyl ether	50	U	
85-68-7	Butyl benzyl phthalate	50	U	
59-50-7	4-Chloro-3-methylphenol	50	U	
91-58-7	2-Chloronaphthalene	50	U	
95-57-8	2-Chlorophenol	50	U	
7005-72-3	4-Chlorophenyl phenyl ether	50	U	
218-01-9	Chrysene	50	U	
53-70-3	Dibenz(a,h)anthracene	50	U	
132-64-9	Dibenzofuran	50	U	
84-74-2	Di-n-butyl phthalate	50	U	
95-50-1	1,2-Dichlorobenzene	50	U	
541-73-1	1,3-Dichlorobenzene	50	U	
106-46-7	1,4-Dichlorobenzene	50	U	
91-94-1	3,3'-Dichlorobenzidine	250	U	
120-83-2	2,4-Dichlorophenol	50	U	
84-66-2	Diethyl phthalate	50	U	
119-93-7	3,3'-Dimethylbenzidine	250	U	

STL 1/29/02

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC001

Matrix: (soil/water) WATER Lab Sample ID: C1K300305 002 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ6R2AC Date Extracted: 12/03/01
Dilution factor: 5 Date Analyzed: 12/11/01
Moisture %: NA

QC Batch: 1337353

Client Sample Id: FM05-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	50	U	R
131-11-3	Dimethyl phthalate	50	U	
117-84-0	Di-n-octyl phthalate	50	U	
534-52-1	4,6-Dinitro-2-methylphenol	250	U	
51-28-5	2,4-Dinitrophenol	250	U	
121-14-2	2,4-Dinitrotoluene	50	U	
606-20-2	2,6-Dinitrotoluene	50	U	
206-44-0	Fluoranthene	50	U	
86-73-7	Fluorene	50	U	
118-74-1	Hexachlorobenzene	50	U	
87-68-3	Hexachlorobutadiene	50	U	
77-47-4	Hexachlorocyclopentadiene	250	U	
67-72-1	Hexachloroethane	50	U	
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	
78-59-1	Isophorone	50	U	
91-57-6	**2-Methylnaphthalene**	**4.5**	J	
95-48-7	2-Methylphenol	50	U	
106-44-5	4-Methylphenol	50	U	
91-20-3	**Naphthalene**	**320**		R
98-95-3	Nitrobenzene	50	U	
88-75-5	2-Nitrophenol	50	U	
100-02-7	4-Nitrophenol	250	U	
76-01-7	Pentachloroethane	250	U	
87-86-5	Pentachlorophenol	250	U	
85-01-8	**Phenanthrene**	**4.7**	J	
108-95-2	Phenol	50	U	
129-00-0	Pyrene	50	U	
110-86-1	Pyridine	100	U	

smk 12/9/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER Lab Sample ID:C1K300305 002

Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ6R2AC Date Extracted:12/03/01
Dilution factor: 5 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM05-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U

SMK 1/29/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K270198 001

Sample WT/Vol: 1000 / mL
Work Order: EPJLF1AH
Dilution factor: 1
Moisture %:NA

Date Received: 11/27/01
Date Extracted:11/28/01
Date Analyzed: 12/05/01

QC Batch: 1332445

Client Sample Id: HI05-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K270198 002

Sample WT/Vol: 1000 / mL
Work Order: EPJM81AG
Dilution factor: 1
Moisture %:NA

Date Received: 11/27/01
Date Extracted:11/28/01
Date Analyzed: 12/05/01

QC Batch: 1332445

Client Sample Id: HI05-PZM046 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K270198 003

Sample WT/Vol: 1000 / mL
Work Order: EPJNJ1AG
Dilution factor: 1
Moisture %:NA

Date Received: 11/27/01
Date Extracted:11/28/01
Date Analyzed: 12/05/01

QC Batch: 1332445

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K280199 001

Sample WT/Vol: 1000 / mL
Work Order: EPLAV1AD
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/05/01

QC Batch: 1333509

Client Sample Id: HI04-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K280199 002

Sample WT/Vol: 1000 / mL
Work Order: EPLAW1AD
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/05/01

QC Batch: 1333509

Client Sample Id: HI04-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K280199 003

Sample WT/Vol: 1000 / mL
Work Order: EPLAX1AD
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/05/01

QC Batch: 1333509

Client Sample Id: HI05-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.3	
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K280199 004

Sample WT/Vol: 1000 / mL
Work Order: EPLA01AD
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/05/01

QC Batch: 1333509

Client Sample Id: TM11-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K280199 005

Sample WT/Vol: 1000 / mL
Work Order: EPLA21AD
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/05/01

QC Batch: 1333509

Client Sample Id: TM11-PZM034

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K280199 006

Sample WT/Vol: 1000 / mL
Work Order: EPLA31AD
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/05/01

QC Batch: 1333509

Client Sample Id: TM10-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300228 001

Sample WT/Vol: 1000 / mL
Work Order: EPQF51AD
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: HI07-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300228 002

Sample WT/Vol: 1000 / mL
Work Order: EPQF71AD
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: HI07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300228 005

Sample WT/Vol: 1000 / mL
Work Order: EPQGA1AD
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: TM02-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300228 006

Sample WT/Vol: 1000 / mL
Work Order: EPQGD1AD
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: TM02-PZM028 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300228 007

Sample WT/Vol: 1000 / mL
Work Order: EPQGE1AD
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: TM02-PZM062

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300228 008

Sample WT/Vol: 1000 / mL
Work Order: EPQGG1AD
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/04/01
Date Analyzed: 12/05/01

QC Batch: 1338534

Client Sample Id: TM12-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300228 009

Sample WT/Vol: 1000 / mL
Work Order: EPQGH1AD
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: EQUIPMENT BLANK 3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300305 001

Sample WT/Vol: 1000 / mL
Work Order: EPQ6Q1AD
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: TM16-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U



Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC001
Matrix: Ground Water
Report Date: 1/31/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- X • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- X • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X • Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

1/31/2002
Date

1.0 *DATA COMPLETENESS*

The laboratory reported results for calcium, iron, magnesium, manganese, potassium, and sodium were reported for sample HI05-PZM046. The sample was not submitted to the laboratory for analyses for these elements.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

All chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

4.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

5.0 *ICP INTERFERENCE CHECK SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The positive results reported for the metals in the samples presented on page 4 are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results for these metals in these samples has indicated this.

Analyte	Qualified Results
Beryllium	FM05-PZM004, HI04-PZM006, HI04-PZM034, HI05-PZM012, HI05-PZM046, HI05-PZM046 DUP, HI07-PZM005, HI07-PZM032, TM02-PZM028, TM02-PZM028 DUP, TM02-PZM062, TM10-PZM007, TM11-PZM007, TM11-PZM034, TM11-PZM007, TM12-PZM006
Chromium	TM12-PZM006
Cobalt	HI04-PZM006, HI05-PZM046, HI05-PZM046 DUP, TM11-PZM034
Copper	FM05-PZM004, HI04-PZM006, HI04-PZM034, HI05-PZM046, HI05-PZM046 DUP, HI07-PZM005, HI07-PZM032, TM02-PZM028, TM02-PZM028 DUP, TM02-PZM062, TM10-PZM007, TM11-PZM007, TM11-PZM034, TM12-PZM006
Lead	FM05-PZM004, HI04-PZM034, HI05-PZM046, HI05-PZM046 DUP
Mercury	HI05-PZM012, HI07-PZM032, TM11-PZM007, TM16-PZM007
Zinc	TM02-PZM028, TM02-PZM028 DUP, TM02-PZM062, TM11-PZM007, TM11-PZM034, TM12-PZM006

7.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

8.0 LABORATORY DUPLICATE RESULTS

All criteria were met. No qualifiers were applied.

9.0 ICP SERIAL DILUTION RESULTS

All criteria were met. No qualifiers were applied.

10.0 FIELD DUPLICATE RESULTS

Duplicate sample pairs HI05-PZM046 and HI05-PZM046 DUP, and TM02-PZ028 and TM02-PZ028 DUP were submitted to the laboratory evaluate sampling and analytical precision for those analytes determined to be present. Results for these duplicate samples are presented in Tables 2 and 3. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criterion of 25 percent for values greater than five times the CRDL (or $\pm$ the CRDL for results less than five times the CRDL).

11.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

12.0 GFAA POST-DIGESTION SPIKE/DUPLICATE BURN

Not Applicable.

13.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

14.0 QUANTITATION/REPORTING LIMITS

All criteria were met. No qualifiers were applied.

METHODOLOGY REFERENCES

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

Table 2 Field Duplicate Sample Results for Inorganic Analyses
Ground Water Duplicate Samples HI05-PZM046 and HI05-PZM046 DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	HI05-PZM046 (µg/L)		HI05-PZM046 DUP (µg/L)			
Arsenic	43.8		40.8		7.1	
Barium	195	J	178	J	9.1	
Beryllium	2.3	B	1.6	B	NC	
Cadmium	ND		ND		NC	
Calcium	69200		NA		NC	
Chromium	8.6		3.1	J	94.0	Less than 5 X QL
Cobalt	5.5	B	3.9	B	NC	
Copper	5.4	B	4.3	B	NC	
Iron	86000		NA		NC	
Lead	3.3	B	2.1	B	NC	
Magnesium	46600		NA		NC	
Manganese	8260		NA		NC	
Mercury	ND		0.074	J	NC	
Nickel	5.3	J	3.6	J	38.2	Less than 5 X QL
Potassium	5250		NA		NC	
Selenium	ND		ND		NC	
Silver	ND		0.83	J	NC	
Sodium	253000		NA		NC	
Thallium	6.1	J	ND		NC	
Vanadium	6.9	J	2.7	J	87.5	Less than 5 X QL
Zinc	96.1		63.3		41.2	*
Available Cyanide, mg/L	0.003		0.005		50.0	
Sulfide, mg/L	ND		ND		NC	

* EDQ Field duplicate precision criterion was exceeded for this analyte.

Table 3 Field Duplicate Sample Results for Inorganic Analyses
Ground Water Duplicate Samples TM02-PZM028 and TM02-PZM028 DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	TM02-PZM028 (µg/L)		TM02-PZM028 DUP (µg/L)			
Arsenic	3.2	J	ND		NC	
Barium	117	J	116	J	0.9	
Beryllium	2.2	B	3.0	B	NC	
Cobalt	ND		1.9	J	NC	
Copper	7.0	B	7.3	B	NC	
Nickel	14.6	J	15.9	J	8.5	
Vanadium	24.9	J	29.6	J	17.2	
Zinc	6.2	B	3.3	B	NC	
Available Cyanide, mg/L	7.6	J	6.3	J	18.7	
Sulfide, mg/L	ND		ND		NC	

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPJLF **Client ID:** HI05-PZM046

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	18:14
Arsenic	**189.04**	**2.0**	**10.0**	**43.8**		**1**	**ICPST**	**12/13/01**	**18:14**
Barium	**493.41**	**0.14**	**200**	**195**	~~B~~ J	**1**	**ICPST**	**12/13/01**	**18:14**
Beryllium	**313.04**	**0.40**	**5.0**	**2.3**	~~B~~ B	**1**	**ICPST**	**12/14/01**	**13:47**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	18:14
Calcium	**317.93**	**12.2**	**5000**	**69200**		**1**	**ICPST**	**12/13/01**	**18:14**
Chromium	**267.72**	**1.1**	**5.0**	**8.6**		**1**	**ICPST**	**12/13/01**	**18:14**
Cobalt	**228.62**	**0.86**	**50.0**	**5.5**	~~B~~ B	**1**	**ICPST**	**12/13/01**	**18:14**
Copper	**324.75**	**0.77**	**25.0**	**5.4**	~~B~~ B	**1**	**ICPST**	**12/13/01**	**18:14**
Iron	**271.44**	**45.0**	**100**	**86000**		**1**	**ICPST**	**12/13/01**	**18:14**
Lead	**220.35**	**1.8**	**3.0**	**3.3**		B 1	**ICPST**	**12/14/01**	**13:47**
Magnesium	**279.08**	**7.1**	**5000**	**46600**		**1**	**ICPST**	**12/13/01**	**18:14**
Manganese	257.61	0.47	15.0	8260		1	ICPST	12/13/01	18:14
Nickel	231.60	2.4	40.0	5.3	~~B~~ J	1	ICPST	12/13/01	18:14
Potassium	766.49	519	5000	5250		1	ICP	12/12/01	14:48
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	18:14
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	18:14
Sodium	**589**	**15.0**	**5000**	**253000**		**1**	**ICP**	**12/12/01**	**14:48**
Thallium	**190.86**	**5.7**	**10.0**	**6.1**	~~B~~ J	**1**	**ICPST**	**12/13/01**	**18:14**
Tin	189.99	28.8	100	28.8	U	1	ICP	12/12/01	14:48
Vanadium	**292.40**	**1.5**	**50.0**	**6.9**	B J	**1**	**ICPST**	**12/13/01**	**18:14**
Zinc	**213.86**	**1.5**	**20.0**	**96.1**		**1**	**ICPST**	**12/13/01**	**18:14**

smk 1/29/2002

Comments: Lot #: C1K270198 Sample #: 1 NOTE: CA, FE, K, MG, MN and NA were not required for sample analysis. Only reported analytes for batch Q.C purposes.

Version 4.97.1

U Result is less than the MDL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPJM8 **Client ID:** HI05-PZM046 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	18:40
Arsenic	189.04	2.0	10.0	40.8		1	ICPST	12/13/01	18:40
Barium	493.41	0.14	200	178	~~B~~ J	1	ICPST	12/13/01	18:40
Beryllium	313.04	0.40	5.0	1.6	~~B~~ B	1	ICPST	12/14/01	14:04
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	18:40
Chromium	267.72	1.1	5.0	3.1	~~B~~ J	1	ICPST	12/13/01	18:40
Cobalt	228.62	0.86	50.0	3.9	~~B~~ B	1	ICPST	12/13/01	18:40
Copper	324.75	0.77	25.0	4.3	~~B~~ B	1	ICPST	12/13/01	18:40
Lead	220.35	1.8	3.0	2.1	~~B~~ B	1	ICPST	12/14/01	14:04
Nickel	231.60	2.4	40.0	3.6	~~B~~ J	1	ICPST	12/13/01	18:40
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	18:40
Silver	328.07	0.75	5.0	0.83	~~B~~ J	1	ICPST	12/13/01	18:40
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	18:40
Tin	189.99	28.8	100	28.8	U	1	ICP	12/12/01	15:01
Vanadium	292.40	1.5	50.0	2.7	~~B~~ J	1	ICPST	12/13/01	18:40
Zinc	213.86	1.5	20.0	63.3		1	ICPST	12/13/01	18:40

SMK 1/29/2002

Comments: Lot #: C1K270198 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPJNJ **Client ID:** EQUIPMENT BLANK

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	18:45
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	12/13/01	18:45
Barium	**493.41**	**0.14**	**200**	**0.25**	~~B~~	1	ICPST	**12/13/01**	**18:45**
Beryllium	**313.04**	**0.40**	**5.0**	**0.54**	~~B~~	1	ICPST	12/14/01	14:17
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	18:45
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	12/13/01	18:45
Cobalt	**228.62**	**0.86**	**50.0**	**1.1**	~~B~~	1	ICPST	**12/13/01**	**18:45**
Copper	**324.75**	**0.77**	**25.0**	**6.5**	~~B~~	1	ICPST	**12/13/01**	**18:45**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/14/01	14:17
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/13/01	18:45
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	18:45
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	18:45
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	18:45
Tin	189.99	28.8	100	28.8	U	1	ICP	12/12/01	15:04
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	12/13/01	18:45
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	12/13/01	18:45

smk 1/29/02

Comments: Lot #: C1K270198 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLA0 **Client ID:** TM11-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	19:02
Arsenic	**189.04**	**2.0**	**10.0**	**2.6**	~~B~~ J	**1**	**ICPST**	**12/13/01**	**19:02**
Barium	**493.41**	**0.14**	**200**	**62.1**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:02**
Beryllium	**313.04**	**0.40**	**5.0**	**2.4**	~~B~~ B	1	**ICPST**	**12/14/01**	**14:35**
Cadmium	226.50	0.63	5.0	0.63	~~U~~	1	ICPST	12/13/01	19:02
Chromium	**267.72**	**1.1**	**5.0**	**2.3**	~~B~~ J	**1**	**ICPST**	**12/13/01**	**19:02**
Cobalt	228.62	0.86	50.0	0.86	~~U~~	1	ICPST	12/13/01	19:02
Copper	**324.75**	**0.77**	**25.0**	**6.5**	~~B~~ B	**1**	**ICPST**	**12/13/01**	**19:02**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/14/01	14:35
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/13/01	19:02
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	19:02
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	19:02
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	19:02
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	18:27
Vanadium	**292.40**	**1.5**	**50.0**	**25.8**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:02**
Zinc	**213.86**	**1.5**	**20.0**	**3.7**	~~B~~ B	1	**ICPST**	**12/13/01**	**19:02**

SMM 1/29/2002

Comments: Lot #: C1K280199 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLA2 **Client ID:** TM11-PZM034

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	19:07
Arsenic	**189.04**	**2.0**	**10.0**	**12.7**		**1**	**ICPST**	**12/13/01**	**19:07**
Barium	**493.41**	**0.14**	**200**	**243**		**1**	**ICPST**	**12/13/01**	**19:07**
Beryllium	**313.04**	**0.40**	**5.0**	**2.8**	~~B~~	B 1	**ICPST**	**12/14/01**	**14:39**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	19:07
Calcium	**317.93**	**12.2**	**5000**	**109000**		**1**	**ICPST**	**12/13/01**	**19:07**
Chromium	**267.72**	**1.1**	**5.0**	**1.2**	~~B~~	J 1	**ICPST**	**12/13/01**	**19:07**
Cobalt	**228.62**	**0.86**	**50.0**	**5.2**	~~B~~	B 1	**ICPST**	**12/13/01**	**19:07**
Copper	**324.75**	**0.77**	**25.0**	**4.7**	~~B~~	B 1	**ICPST**	**12/13/01**	**19:07**
Iron	**271.44**	**45.0**	**100**	**56100**		**1**	**ICPST**	**12/13/01**	**19:07**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/14/01	14:39
Magnesium	**279.08**	**7.1**	**5000**	**87400**		**1**	**ICPST**	**12/13/01**	**19:07**
Manganese	257.61	0.47	15.0	4110		1	ICPST	12/13/01	19:07
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/13/01	19:07
Potassium	766.49	519	5000	31000		1	ICP	12/12/01	15:26
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	19:07
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	19:07
Sodium	**589**	**30.0**	**10000**	**693000**		**2**	**ICP**	**12/12/01**	**16:08**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	19:07
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	18:30
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	12/13/01	19:07
Zinc	**213.86**	**1.5**	**20.0**	**2.7**	~~B~~	B 1	**ICPST**	**12/13/01**	**19:07**

SMK 1/29/2002

Comments: Lot #: C1K280199 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLA3 **Client ID:** TM10-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	19:11
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	12/13/01	19:11
Barium	**493.41**	**0.14**	**200**	**90.9**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:11**
Beryllium	**313.04**	**0.40**	**5.0**	**3.0**	~~B~~ B	1	**ICPST**	**12/14/01**	**14:44**
Cadmium	226.50	0.63	5.0	0.63	~~U~~	1	ICPST	12/13/01	19:11
Calcium	**317.93**	**12.2**	**5000**	**179000**		1	**ICPST**	**12/13/01**	**19:11**
Chromium	**267.72**	**1.1**	**5.0**	**12.7**		1	**ICPST**	**12/13/01**	**19:11**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/13/01	19:11
Copper	**324.75**	**0.77**	**25.0**	**9.2**	~~B~~ B	1	**ICPST**	**12/13/01**	**19:11**
Iron	**271.44**	**45.0**	**100**	**1570**		1	**ICPST**	**12/13/01**	**19:11**
Lead	**220.35**	**1.8**	**3.0**	**11.0**		1	**ICPST**	**12/14/01**	**14:44**
Magnesium	**279.08**	**7.1**	**5000**	**548**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:11**
Manganese	257.61	0.47	15.0	295		1	ICPST	12/13/01	19:11
Nickel	231.60	2.4	40.0	2.6	~~B~~ J	1	ICPST	12/13/01	19:11
Potassium	**766.49**	**519**	**5000**	**23500**		1	**ICP**	**12/12/01**	**15:29**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	19:11
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	19:11
Sodium	**589**	**15.0**	**5000**	**76900**		1	**ICP**	**12/12/01**	**15:29**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	19:11
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	18:33
Vanadium	**292.40**	**1.5**	**50.0**	**802**		1	**ICPST**	**12/13/01**	**19:11**
Zinc	**213.86**	**1.5**	**20.0**	**34.2**		1	**ICPST**	**12/13/01**	**19:11**

SMK 1/29/02

Comments: Lot #: C1K280199 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLAV **Client ID:** HI04-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	18:49
Arsenic	**189.04**	**2.0**	**10.0**	**3.9**	B J	**1**	**ICPST**	**12/13/01**	**18:49**
Barium	**493.41**	**0.14**	**200**	**144**	B J	**1**	**ICPST**	**12/13/01**	**18:49**
Beryllium	**313.04**	**0.40**	**5.0**	**1.1**	B B	**1**	**ICPST**	**12/14/01**	**14:22**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	18:49
Chromium	**267.72**	**1.1**	**5.0**	**79.5**		**1**	**ICPST**	**12/13/01**	**18:49**
Cobalt	**228.62**	**0.86**	**50.0**	**4.4**	B B	**1**	**ICPST**	**12/13/01**	**18:49**
Copper	**324.75**	**0.77**	**25.0**	**22.7**	B B	**1**	**ICPST**	**12/13/01**	**18:49**
Lead	**220.35**	**1.8**	**3.0**	**36.5**		**1**	**ICPST**	**12/14/01**	**14:22**
Nickel	**231.60**	**2.4**	**40.0**	**8.0**	B	**1**	**ICPST**	**12/13/01**	**18:49**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	18:49
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	18:49
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	18:49
Tin	189.99	28.8	100	240		1	ICP	12/13/01	18:17
Vanadium	292.40	1.5	50.0	8.9	B J	1	ICPST	12/13/01	18:49
Zinc	**213.86**	**1.5**	**20.0**	**175**		**1**	**ICPST**	**12/13/01**	**18:49**

SMK 1/29/02

Comments: Lot #: C1K280199 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLAW **Client ID:** HI04-PZM034

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	18:53
Arsenic	**189.04**	**2.0**	**10.0**	**11.7**		**1**	**ICPST**	**12/13/01**	**18:53**
Barium	**493.41**	**0.14**	**200**	**106**	~~B~~ J	**1**	**ICPST**	**12/13/01**	**18:53**
Beryllium	**313.04**	**0.40**	**5.0**	**2.0**	~~B~~ B	**1**	**ICPST**	**12/14/01**	**14:26**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	18:53
Calcium	**317.93**	**12.2**	**5000**	**40900**		**1**	**ICPST**	**12/13/01**	**18:53**
Chromium	**267.72**	**1.1**	**5.0**	**5.2**		**1**	**ICPST**	**12/13/01**	**18:53**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/13/01	18:53
Copper	**324.75**	**0.77**	**25.0**	**6.5**	~~B~~ B	**1**	**ICPST**	**12/13/01**	**18:53**
Iron	**271.44**	**45.0**	**100**	**51900**		**1**	**ICPST**	**12/13/01**	**18:53**
Lead	**220.35**	**1.8**	**3.0**	**2.0**	~~B~~ B	**1**	**ICPST**	**12/14/01**	**14:26**
Magnesium	**279.08**	**7.1**	**5000**	**30600**		**1**	**ICPST**	**12/13/01**	**18:53**
Manganese	257.61	0.47	15.0	6480		1	ICPST	12/13/01	18:53
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/13/01	18:53
Potassium	766.49	519	5000	2970	~~B~~ J	1	ICP	12/12/01	15:17
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	18:53
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	18:53
Sodium	**589**	**15.0**	**5000**	**125000**		**1**	**ICP**	**12/12/01**	**15:17**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	18:53
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	18:20
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	12/13/01	18:53
Zinc	**213.86**	**1.5**	**20.0**	**11.4**	~~B~~ J	**1**	**ICPST**	**12/13/01**	**18:53**

SMH 1/28/2002

Comments: Lot #: C1K280199 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLAX **Client ID:** HI05-PZM012

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	18:58
Arsenic	**189.04**	**2.0**	**10.0**	**10.8**		**1**	**ICPST**	**12/13/01**	**18:58**
Barium	**493.41**	**0.14**	**200**	**12.6**	J	**1**	**ICPST**	**12/13/01**	**18:58**
Beryllium	**313.04**	**0.40**	**5.0**	**2.6**	B	**1**	**ICPST**	**12/14/01**	**14:31**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	18:58
Chromium	**267.72**	**1.1**	**5.0**	**234**		**1**	**ICPST**	**12/13/01**	**18:58**
Cobalt	**228.62**	**0.86**	**50.0**	**16.1**	J	**1**	**ICPST**	**12/13/01**	**18:58**
Copper	**324.75**	**0.77**	**25.0**	**48.7**		**1**	**ICPST**	**12/13/01**	**18:58**
Lead	**220.35**	**1.8**	**3.0**	**53.7**		**1**	**ICPST**	**12/14/01**	**14:31**
Nickel	**231.60**	**2.4**	**40.0**	**63.5**		**1**	**ICPST**	**12/13/01**	**18:58**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	18:58
Silver	**328.07**	**0.75**	**5.0**	**1.3**	J	**1**	**ICPST**	**12/13/01**	**18:58**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	18:58
Tin	189.99	28.8	100	1190		1	ICP	12/13/01	18:24
Vanadium	292.40	1.5	50.0	13.6	B	1	ICPST	12/13/01	18:58
Zinc	**213.86**	**1.5**	**20.0**	**271**		**1**	**ICPST**	**12/13/01**	**18:58**

SMK 1/29/2002

Comments: Lot #: C1K280199 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ6Q **Client ID:** TM16-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	19:55
Arsenic	**189.04**	**2.0**	**10.0**	**4.5**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:55**
Barium	**493.41**	**0.14**	**200**	**30.1**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:55**
Beryllium	**313.04**	**0.40**	**5.0**	**2.6**	~~B~~ B	1	**ICPST**	**12/14/01**	**15:33**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	19:55
Chromium	**267.72**	**1.1**	**5.0**	**16.8**		1	**ICPST**	**12/13/01**	**19:55**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/13/01	19:55
Copper	**324.75**	**0.77**	**25.0**	**7.3**	~~B~~ B	1	**ICPST**	**12/13/01**	**19:55**
Lead	**220.35**	**1.8**	**3.0**	**3.5**		1	**ICPST**	**12/14/01**	**15:33**
Nickel	**231.60**	**2.4**	**40.0**	**10.6**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:55**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	19:55
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	19:55
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	19:55
Tin	189.99	28.3	100	28.8	U	1	ICP	12/13/01	19:04
Vanadium	292.40	1.5	50.0	85.9		1	ICPST	12/13/01	19:55
Zinc	**213.86**	**1.5**	**20.0**	**13.6**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:55**

SMK 1/29/2002

Comments: Lot #: C1K300305 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ6R **Client ID:** FM05-PZM004

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	20:00
Arsenic	**189.04**	**2.0**	**10.0**	**12.1**		**1**	**ICPST**	**12/13/01**	**20:00**
Barium	**493.41**	**0.14**	**200**	**24.8**	~~B~~ J	1	**ICPST**	**12/13/01**	**20:00**
Beryllium	**313.04**	**0.40**	**5.0**	**3.0**	~~B~~ B	1	**ICPST**	**12/14/01**	**15:37**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	20:00
Calcium	**317.93**	**12.2**	**5000**	**110000**		**1**	**ICPST**	**12/13/01**	**20:00**
Chromium	**267.72**	**1.1**	**5.0**	**3.1**	~~B~~ J	1	**ICPST**	**12/13/01**	**20:00**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/13/01	20:00
Copper	**324.75**	**0.77**	**25.0**	**8.9**	~~B~~ B	1	**ICPST**	**12/13/01**	**20:00**
Iron	**271.44**	**45.0**	**100**	**1780**		**1**	**ICPST**	**12/13/01**	**20:00**
Lead	**220.35**	**1.8**	**3.0**	**3.0**	B B	1	**ICPST**	**12/14/01**	**15:37**
Magnesium	**279.08**	**7.1**	**5000**	**508**	~~B~~ J	1	**ICPST**	**12/13/01**	**20:00**
Manganese	257.61	0.47	15.0	41.8		1	ICPST	12/13/01	20:00
Nickel	231.60	2.4	40.0	3.9	B J	1	ICPST	12/13/01	20:00
Potassium	766.49	519	5000	28600		1	ICP	12/12/01	16:05
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	20:00
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	20:00
Sodium	**589**	**30.0**	**10000**	**441000**		**2**	**ICP**	**12/13/01**	**19:11**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	20:00
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	19:08
Vanadium	**292.40**	**1.5**	**50.0**	**20.0**	~~B~~ J	1	**ICPST**	**12/13/01**	**20:00**
Zinc	**213.86**	**1.5**	**20.0**	**14.8**	~~B~~ J	1	**ICPST**	**12/13/01**	**20:00**

SMN 1/29/02

Comments: Lot #: C1K300305 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQF5 **Client ID:** HI07-PZM032

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	19:15
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	12/13/01	19:15
Barium	**493.41**	**0.14**	**200**	**102**	**J**	**1**	**ICPST**	**12/13/01**	**19:15**
Beryllium	**313.04**	**0.40**	**5.0**	**2.6**	**B**	**1**	**ICPST**	**12/14/01**	**14:48**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	19:15
Calcium	**317.93**	**12.2**	**5000**	**159000**		**1**	**ICPST**	**12/13/01**	**19:15**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	12/13/01	19:15
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/13/01	19:15
Copper	**324.75**	**0.77**	**25.0**	**6.2**	**B**	**1**	**ICPST**	**12/13/01**	**19:15**
Iron	**271.44**	**45.0**	**100**	**829**		**1**	**ICPST**	**12/13/01**	**19:15**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/14/01	14:48
Magnesium	**279.08**	**7.1**	**5000**	**2410**	**J**	**1**	**ICPST**	**12/13/01**	**19:15**
Manganese	257.61	0.47	15.0	105		1	ICPST	12/13/01	19:15
Nickel	231.60	2.4	40.0	10.5	J	1	ICPST	12/13/01	19:15
Potassium	**766.49**	**519**	**5000**	**48100**		**1**	**ICP**	**12/12/01**	**15:32**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	19:15
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	19:15
Sodium	**589**	**15.0**	**5000**	**131000**		**1**	**ICP**	**12/12/01**	**15:32**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	19:15
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	18:36
Vanadium	**292.40**	**1.5**	**50.0**	**60.2**		**1**	**ICPST**	**12/13/01**	**19:15**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	12/13/01	19:15

SMK 1/24/02

Comments: Lot #: C1K300228 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQF7 **Client ID:** HI07-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	19:20
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	12/13/01	19:20
Barium	**493.41**	**0.14**	**200**	**137**	B J	1	**ICPST**	**12/13/01**	**19:20**
Beryllium	**313.04**	**0.40**	**5.0**	**2.9**	B	1	**ICPST**	**12/14/01**	**14:53**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	19:20
Chromium	**267.72**	**1.1**	**5.0**	**5.3**		1	**ICPST**	**12/13/01**	**19:20**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/13/01	19:20
Copper	**324.75**	**0.77**	**25.0**	**7.5**	B	1	**ICPST**	**12/13/01**	**19:20**
Lead	**220.35**	**1.8**	**3.0**	**4.8**		1	**ICPST**	**12/14/01**	**14:53**
Nickel	**231.60**	**2.4**	**40.0**	**5.1**	J	1	**ICPST**	**12/13/01**	**19:20**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	19:20
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	19:20
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	19:20
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	18:39
Vanadium	292.40	1.5	50.0	36.7	B J	1	ICPST	12/13/01	19:20
Zinc	**213.86**	**1.5**	**20.0**	**14.2**	B J	1	**ICPST**	**12/13/01**	**19:20**

SMK 1/29/2002

Comments: Lot #: C1K300228 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQGG **Client ID:** TM12-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	19:46
Arsenic	**189.04**	**2.0**	**10.0**	**2.5**	J	1	**ICPST**	**12/13/01**	**19:46**
Barium	**493.41**	**0.14**	**200**	**62.3**	J	1	**ICPST**	**12/13/01**	**19:46**
Beryllium	**313.04**	**0.40**	**5.0**	**3.5**	B	1	**ICPST**	**12/14/01**	**15:24**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	19:46
Chromium	**267.72**	**1.1**	**5.0**	**2.1**	B	1	**ICPST**	**12/13/01**	**19:46**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/13/01	19:46
Copper	**324.75**	**0.77**	**25.0**	**6.6**	B	1	**ICPST**	**12/13/01**	**19:46**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/14/01	15:24
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/13/01	19:46
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	19:46
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	19:46
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	19:46
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	18:58
Vanadium	**292.40**	**1.5**	**50.0**	**401**		1	**ICPST**	**12/13/01**	**19:46**
Zinc	**213.86**	**1.5**	**20.0**	**2.2**	B	1	**ICPST**	**12/13/01**	**19:46**

SMK 1/29/2002

Comments: Lot #: C1K300228 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQGA **Client ID:** TM02-PZM028

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	19:33
Arsenic	**189.04**	**2.0**	**10.0**	**3.2**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:33**
Barium	**493.41**	**0.14**	**200**	**117**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:33**
Beryllium	**313.04**	**0.40**	**5.0**	**2.2**	~~B~~ B	1	**ICPST**	**12/14/01**	**14:57**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	19:33
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	12/13/01	19:33
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/13/01	19:33
Copper	**324.75**	**0.77**	**25.0**	**7.0**	~~B~~ B	1	**ICPST**	**12/13/01**	**19:33**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/14/01	14:57
Nickel	**231.60**	**2.4**	**40.0**	**14.6**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:33**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	19:33
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	19:33
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	19:33
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	18:42
Vanadium	**292.40**	**1.5**	**50.0**	**24.9**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:33**
Zinc	**213.86**	**1.5**	**20.0**	**6.2**	~~B~~ B	1	**ICPST**	**12/13/01**	**19:33**

SMH 1/9/02

Comments: Lot #: C1K300228 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQGD **Client ID:** TM02-PZM028 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	19:38
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	12/13/01	19:38
Barium	**493.41**	**0.14**	**200**	116	~~B~~ J	1	**ICPST**	**12/13/01**	**19:38**
Beryllium	**313.04**	**0.40**	**5.0**	**3.0**	~~B~~ B	1	**ICPST**	**12/14/01**	**15:15**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	19:38
Chromium	**267.72**	**1.1**	**5.0**	1.7	~~B~~ J	1	**ICPST**	**12/13/01**	**19:38**
Cobalt	**228.62**	**0.86**	**50.0**	**1.9**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:38**
Copper	**324.75**	**0.77**	**25.0**	**7.3**	~~B~~ B	1	**ICPST**	**12/13/01**	**19:38**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/14/01	15:15
Nickel	**231.60**	**2.4**	**40.0**	**15.9**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:38**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	19:38
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	19:38
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	19:38
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	18:46
Vanadium	**292.40**	**1.5**	**50.0**	**29.6**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:38**
Zinc	**213.86**	**1.5**	**20.0**	**3.3**	~~B~~ B	1	**ICPST**	**12/13/01**	**19:38**

SMR 1/29/02

Comments: Lot #: C1K300228 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQGE **Client ID:** TM02-PZM062

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	19:42
Arsenic	**189.04**	**2.0**	**10.0**	**15.4**		**1**	**ICPST**	**12/13/01**	**19:42**
Barium	**493.41**	**0.14**	**200**	**125**	~~B~~ J	**1**	**ICPST**	**12/13/01**	**19:42**
Beryllium	**313.04**	**0.40**	**5.0**	**3.4**	~~B~~ B	**1**	**ICPST**	**12/14/01**	**15:20**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	19:42
Calcium	**317.93**	**12.2**	**5000**	**114000**		**1**	**ICPST**	**12/13/01**	**19:42**
Chromium	**267.72**	**1.1**	**5.0**	**2.4**	~~B~~ J	**1**	**ICPST**	**12/13/01**	**19:42**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/13/01	19:42
Copper	**324.75**	**0.77**	**25.0**	**6.8**	~~B~~ B	**1**	**ICPST**	**12/13/01**	**19:42**
Iron	**271.44**	**45.0**	**100**	**7500**		**1**	**ICPST**	**12/13/01**	**19:42**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/14/01	15:20
Magnesium	**279.08**	**7.1**	**5000**	**28400**		**1**	**ICPST**	**12/13/01**	**19:42**
Manganese	257.61	0.47	15.0	329		1	ICPST	12/13/01	19:42
Nickel	231.60	2.4	40.0	3.8	~~B~~ J	1	ICPST	12/13/01	19:42
Potassium	766.49	519	5000	40100		1	ICP	12/12/01	16:12
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	19:42
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	19:42
Sodium	**589**	**30.0**	**10000**	**396000**		**2**	**ICP**	**12/12/01**	**16:15**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	19:42
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	18:55
Vanadium	**292.40**	**1.5**	**50.0**	**19.5**	~~B~~ J	**1**	**ICPST**	**12/13/01**	**19:42**
Zinc	**213.86**	**1.5**	**20.0**	**4.0**	~~B~~ B	**1**	**ICPST**	**12/13/01**	**19:42**

smw 1/9/02

Comments: Lot #: C1K300228 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQGH **Client ID:** EQUIPMENT BLANK 3

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338145

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/13/01	19:51
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	12/13/01	19:51
Barium	**493.41**	**0.14**	**200**	**0.21**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:51**
Beryllium	**313.04**	**0.40**	**5.0**	**1.9**	~~B~~ J	1	**ICPST**	**12/14/01**	**15:29**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/13/01	19:51
Chromium	**267.72**	**1.1**	**5.0**	**1.4**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:51**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/13/01	19:51
Copper	**324.75**	**0.77**	**25.0**	**7.5**	~~B~~ J	1	**ICPST**	**12/13/01**	**19:51**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/14/01	15:29
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/13/01	19:51
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/13/01	19:51
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/13/01	19:51
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/13/01	19:51
Tin	189.99	28.8	100	28.8	U	1	ICP	12/13/01	19:01
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	12/13/01	19:51
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	12/13/01	19:51

Comments: Lot #: C1K300228 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPJLF **Client ID:** HI05-PZM046

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/4/01	14:49

Comments: Lot #: C1K270198 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPJM8 **Client ID:** HI05-PZM046 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.074	B	J 1	CVAA	12/4/01	14:54

SMK 1/29/2002

Comments: Lot #: C1K270198 Sample #: 2

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPJNJ **Client ID:** EQUIPMENT BLANK

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.078	~~B~~ J	1	CVAA	12/4/01	14:55

smn 1/29/02

Comments: Lot #: C1K270198 Sample #: 3

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLA0 **Client ID:** TM11-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.065	B	1	CVAA	12/4/01	15:04

Comments: Lot #: C1K280199 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLA2 **Client ID:** TM11-PZM034

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/4/01	15:05

Comments: Lot #: C1K280199 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLA3 **Client ID:** TM10-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/4/01	15:07

SMK 1/29/2002

Comments: Lot #: C1K280199 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLAV **Client ID:** HI04-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.069	J	1	CVAA	12/4/01	14:56

smk 1/29/02

Comments: Lot #: C1K280199 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLAW **Client ID:** HI04-PZM034

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/4/01	14:58

smh 1/29/02

Comments: Lot #: C1K280199 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLAX **Client ID:** HI05-PZM012

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.13	B	1	CVAA	12/4/01	15:02

smn 1/29/02

Comments: Lot #: C1K280199 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ6Q **Client ID:** TM16-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.084	~~B~~	B 1	CVAA	12/4/01	15:21

SMT 1/29/02

Comments: Lot #: C1K300305 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ6R **Client ID:** FM05-PZM004

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/4/01	15:23

SMM 12/9/2001

Comments: Lot #: C1K300305 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQF5 **Client ID:** HI07-PZM032

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.16	~~B~~	B 1	CVAA	12/4/01	15:08

smk 1/2/2002

Comments: Lot #: C1K300228 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQF7 **Client ID:** HI07-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/4/01	15:10

SMK 12/20/01

Comments: Lot #: C1K300228 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQGA **Client ID:** TM02-PZM028

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/4/01	15:11

SMM 1/29/02

Comments: Lot #: CIK300228 Sample #: 5

Version 4.97.1

U Result is less than the MDL.
B Result is between MDL and RL.

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQGD **Client ID:** TM02-PZM028 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/4/01	15:12

smk 12/9/01

Comments: Lot #: C1K300228 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQGE **Client ID:** TM02-PZM062

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/4/01	15:14

SMK 1/29/2002

Comments: Lot #: C1K300228 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQGG **Client ID:** TM12-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/4/01	15:15

smh 1/9/02

Comments: Lot #: C1K300228 Sample #: 8

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQGH **Client ID:** EQUIPMENT BLANK 3

Matrix: Water **Units:** ug/L **Prep Date:** 12/4/01 **Prep Batch:** 1338149

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.055	B	1	CVAA	12/4/01	15:20

smm 1/9/2002

Comments: Lot #: C1K300228 Sample #: 9

Version 4.97.1

U Result is less than the MDL.
B Result is between MDL and RL

Form I Equivalent

CH2M Hill BS Sparrows Point

Bicarbonate Alkalinity

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 310.1
Lot Number: C1K280199
Date/Time Received: 11/28/01 9:50:00AM
SDG Number: SPC001

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
HI04-PZM034	002	EPLAW1A4	105	mg/L	5.0	1	11/30/01 - 11/30/01	1334373
TM11-PZM034	005	EPLA21A4	243	mg/L	5.0	1	11/30/01 - 11/30/01	1334373
TM10-PZM007	006	EPLA31A4	ND	mg/L	5.0	1	11/30/01 - 11/30/01	1334373
HI07-PZM032	001	EPQF51A4	ND	mg/L	5.0	1	12/3/01 - 12/3/01	1337376
TM02-PZM062	007	EPQGE1A4	138	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
FM05-PZM004	002	EPQ6R1A4	26.8	mg/L	5.0	1	12/3/01 - 12/3/01	1337376

smh 12/9/01

CH2M Hill BS Sparrows Point

Available Cyanide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 1677 - Cyani
Lot Number: C1K270198
Date/Time Received: 11/27/01 10:00:00AM
SDG Number: SPC001

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
HI05-PZM046	001	EPJLF1DA	0.0030	mg/L	0.0020	1	11/30/01 - 11/30/01	1334180
HI05-PZM046 DUP	002	EPJM81A0	0.0050	mg/L	0.0020	1	11/30/01 - 11/30/01	1334180
EQUIPMENT BLANK	003	EPJNJ1A0	0.00040 B	mg/L	0.0020	1	11/30/01 - 11/30/01	1334180
HI04-PZM006	001	EPLAV1A0	0.33	mg/L	0.0020	1	11/30/01 - 11/30/01	1334180
HI04-PZM034	002	EPLAW1A0	0.028	mg/L	0.0020	1	11/30/01 - 11/30/01	1334180
HI05-PZM012	003	EPLAX1A0	0.20	mg/L	0.0020	1	11/30/01 - 11/30/01	1334180
TM11-PZM007	004	EPLA01A0	2.4	mg/L	0.050	25	11/30/01 - 11/30/01	1334180
TM11-PZM034	005	EPLA21A0	0.014	mg/L	0.0020	1	11/30/01 - 11/30/01	1334180
TM10-PZM007	006	EPLA31A0	0.86	mg/L	0.010	5	11/30/01 - 11/30/01	1334180
HI07-PZM032	001	EPQF51A0	1.5 J	mg/L	0.010	5	12/5/01 - 12/5/01	1339140
HI07-PZM005	002	EPQF71A0	0.45 J	mg/L	0.0020	1	12/5/01 - 12/5/01	1339140
TM02-PZM028	005	EPQGA1A0	7.6 J	mg/L	0.10	50	12/5/01 - 12/5/01	1339140
TM02-PZM028 DUP	006	EPQGD1A0	6.3 J	mg/L	0.10	50	12/5/01 - 12/5/01	1339140
TM02-PZM062	007	EPQGE1A0	0.43 J	mg/L	0.0020	1	12/5/01 - 12/5/01	1339140
TM12-PZM006	008	EPQGG1A0	0.015 J	mg/L	0.0020	1	12/5/01 - 12/5/01	1339140
EQUIPMENT BLANK 3	009	EPQGH1A0	ND	mg/L	0.0020	1	12/5/01 - 12/5/01	1339140
TM16-PZM007	001	EPQ6Q1A0	8.6 J	mg/L	0.10	50	12/5/01 - 12/5/01	1339140
FM05-PZM004	002	EPQ6R1A0	3.3 J	mg/L	0.050	25	12/5/01 - 12/5/01	1339140

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SMH 1/9/02

CH2M Hill BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1K280199
Date/Time Received: 11/28/01 9:50:00AM
SDG Number: SPC001

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
HI04-PZM034	002	EPLAW1A2	286	mg/L	5.0	5	11/29/01 - 11/29/01	1337357
TM11-PZM034	005	EPLA21A2	1070	mg/L	10.0	10	11/29/01 - 11/29/01	1337357
TM10-PZM007	008	EPLA31A2	127	mg/L	1.0	1	11/29/01 - 11/29/01	1337357
HI07-PZM032	001	EPQF51A2	225	mg/L	10.0	10	12/4/01 - 12/4/01	1338322
TM02-PZM062	007	EPQGE1A2	867	mg/L	10.0	10	12/4/01 - 12/4/01	1338322
FM05-PZM004	002	EPQ6R1A2	674	mg/L	10.0	10	12/4/01 - 12/4/01	1338322

CH2M Hill BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1K280199
Date/Time Received: 11/28/01 9:50:00AM
SDG Number: SPC001

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
HI04-PZM034	002	EPLAW1A3	40.9	mg/L	1.0	1	11/29/01 - 11/29/01	1333186
TM11-PZM034	005	EPLA21A3	48.2	mg/L	1.0	1	11/29/01 - 11/29/01	1333186
TM10-PZM007	006	EPLA31A3	288	mg/L	25.0	5	11/29/01 - 11/29/01	1333186
HI07-PZM032	001	EPQF51A3	37.4	mg/L	1.0	1	12/4/01 - 12/4/01	1338323
TM02-PZM062	007	EPQGE1A3	60.2	mg/L	1.0	1	12/4/01 - 12/4/01	1338323
FM05-PZM004	002	EPQ6R1A3	307	mg/L	10.0	10	12/4/01 - 12/4/01	1338323

CH2M Hill BS Sparrows Point

Total Sulfide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: SW846 9030B/9034
Lot Number: C1K270198
Date/Time Received: 11/27/01 10:00:00AM
SDG Number: SPC001

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
HI05-PZM046	001	EPJLF1DE	ND	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
HI05-PZM046 DUP	002	EPJM81A1	ND	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
EQUIPMENT BLANK	003	EPJNJ1A1	ND	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
HI04-PZM006	001	EPLAV1A1	ND	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
HI04-PZM034	002	EPLAW1A1	ND	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
HI05-PZM012	003	EPLAX1A1	ND	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
TM11-PZM007	004	EPLA01A1	ND	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
TM11-PZM034	005	EPLA21A1	ND	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
TM10-PZM007	006	EPLA31A1	ND	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
HI07-PZM032	001	EPQF51A1	ND	mg/L	1.0	1	12/3/01 - 12/5/01	1337448
HI07-PZM005	002	EPQF71A1	ND	mg/L	1.0	1	12/3/01 - 12/5/01	1337448
TM02-PZM028	005	EPQGA1A1	ND	mg/L	1.0	1	12/3/01 - 12/5/01	1337448
TM02-PZM028 DUP	006	EPQGD1A1	ND	mg/L	1.0	1	12/3/01 - 12/5/01	1337448
TM02-PZM062	007	EPQGE1A1	ND	mg/L	1.0	1	12/3/01 - 12/5/01	1337448
TM12-PZM006	008	EPQGG1A1	ND	mg/L	1.0	1	12/3/01 - 12/5/01	1337448
EQUIPMENT BLANK 3	009	EPQGH1A1	ND	mg/L	1.0	1	12/3/01 - 12/5/01	1337448
TM18-PZM007	001	EPQ6Q1A1	ND	mg/L	1.0	1	12/3/01 - 12/5/01	1337450
FM05-PZM004	002	EPQ6R1A1	ND	mg/L	1.0	1	12/3/01 - 12/5/01	1337450

Data Validation Qualifier Code Glossary

J - The positive result reported for this analyte is a quantitative estimate.

U - This analyte was not detected in the sample. The associate numeric value is at the maximum detection limit.

F - The analyte was positively identified but the associated numeric value is below or below the reporting limit.

B - The analyte was found in an associated blank, as well as in the sample.

M - A matrix interference was present.

R - The data are unusabe due to deficiencies in the ability to analyze the sample and meet quality control criteria.

T - Tentatively identified compound (using gas chromatography/mass spectrometry)

Other Codes:

ND - There were no positive results for this analytical fraction.

NA - This parameter is not applicable to this sample.

NR - This analysis parameter was not required for this sample.

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC002
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, and polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/22/00
Date

1.0 DATA COMPLETENESS

The data deliverables were complete.

2.0 CHAIN OF CUSTODY DOCUMENTATION

The chain of custody documentation was complete.

3.0 HOLDING TIMES

All criteria were met. No qualifiers were applied.

5.0 INSTRUMENT PERFORMANCE

All criteria were met. No qualifiers were applied.

5.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

All criteria were met. No qualifiers were applied.

7.0 *SURROGATE COMPOUNDS*

All criteria were met. No qualifiers were applied.

8.0 *MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY*

All criteria were met. No qualifiers were applied.

9.0 *FIELD DUPLICATE RESULTS*

Duplicate sample pairs FM01-PZM041-01C and FM01-PZM041-01C DUP, and TM15-PZM011-01C and TM15-PZM011-01C DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. There were no positive results for FM01-PZM041-01C or FM01-PZM041-01C DUP. Results for TM15-PZM011-01C and TM15-PZM011-01C DUP are presented in Table 2. Precision is evaluated by calculating the relative percent difference (%RPD) between duplicate results. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criteria of twenty percent for volatile detected compounds (and 25 percent for extractable compounds) to evaluate aqueous field duplicate samples.

Table 2 Field Duplicate Sample Results for Organic Analyses
Ground Water Duplicate Samples TM15-PZM011-01C and TM15-PZM011-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	TM15-PZM011-01C (µg/L)		TM15-PZM011-01C DUP (µg/L)			
Acenaphthene	1.7	J	1.9	J	11.1	
2-Chlorophenol	0.70	J	0.73	J	4.2	
Dibenzofuran	ND		0.80	J	NC	
2,4-Dimethylphenol	15		12		22.2	
Fluorene	1.2	J	1.2	J	0.0	
2-Methylnphthalene	1.5	J	1.7	J	12.5	
2-Methylphenol	7.5	J	8.0	J	6.5	
4-Methylphenol	48		46		4.3	
Naphthalene	14		16		13.3	
Phenanthrene	2.0	J	2.0	J	0.0	
Phenol	220		210		4.7	

Table 2 Field Duplicate Sample Results for Organic Analyses
Ground Water Duplicate Samples TM15-PZM011-01C and TM15-PZM011-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	TM15-PZM011-01C (µg/L)		TM15-PZM011-01C DUP (µg/L)			
Acenaphthene	1.70	J	1.90	J	11.1	
2-Chlorophenol	0.70	J	0.73	J	4.2	
Dibenzofuran	ND		0.80	J	NC	
2,4-Dimethylphenol	15		12		22.2	
Fluorene	1.2	J	1.2	J	0.0	
2-Methylnphthalene	1.5	J	1.7	J	12.5	
2-Methylphenol	7.5	J	8.0	J	6.5	
4-Methylphenol	48		46		4.3	
Naphthalene	14		16		13.3	
Phenanthrene	2.0	J	2.0	J	0.0	
Phenol	220		210		4.7	

10.0 *LABORATORY CONTROL SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

11.0 *INTERNAL STANDARD PERFORMANCE*

All criteria were met. No qualifiers were applied.

12.0 *QUALITATIVE IDENTIFICATION*

The laboratory reported a positive result for dibenzofuran for sample TM15-PZM011-01C. The result was below the quantitation limit, and the mass spectrum, for this compound was very poor. The EDQ has replaced the result reported by the laboratory with the quantitation limit.

13.0 *QUANTITATION/REPORTING LIMITS*

The samples presented below were reanalyzed at dilutions for semivolatile organic compounds. The dilution analyses were performed because responses for these compounds exceeded the linear range of the GC/MS instrument. The results for the affected compounds have been reported from the diluted analysis. All other results have been reported from the initial analysis.

Sample	Dilution Factor	Compound Reported From Dilution Analysis
TM03-PZM004-01C	5.0	Naphthalene
TM15-PZM007-01C	2.0	Naphthalene
TM15-PZM011-01C	4.0	Phenol
TM15-PZM011-01C DUP	4.0	Phenol

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits (QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ6V1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM05-PZM024

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 2/5/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ6V1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM05-PZM024

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ601AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM18-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ601AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM18-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ611AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM04-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	**1,1-Dichloroethane**	**1.4**	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smk 2/5/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ611AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM04-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ631AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	2.9	J
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	**4-Methyl-2-pentanone**	0.34	J
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ631AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMK 2/5/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ641AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM14-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	**Benzene**	**0.53**	**J**
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**0.40**	**J**
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	**0.31**	**J**
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 2/15/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ641AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM14-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ671AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM04-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ671AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM04-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ681AT Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM01-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smk 2/5/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ681AT Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM01-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ7C1AG Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM01-PZM041 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/5/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ7C1AG Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM01-PZM041 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ7E1AG Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01
Moisture %:NA

QC Batch: 1338543

Client Sample Id: FM01-PZM003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	31	
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/6/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ7E1AG Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01
Moisture %:NA

QC Batch: 1338543

Client Sample Id: FM01-PZM003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ7G1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMT 2/6/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/30/01
Work Order: EPQ7G1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQK1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM03-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	**2.7**	**J**
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**30**	
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 2/15/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQK1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM03-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQL1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: EQUIPMENT BLANK 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	4.4	J
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SM 2/5/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQL1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: EQUIPMENT BLANK 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQM1AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM15-PZM011

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	7.8	J
71-43-2	**Benzene**	4.3	
75-25-2	Bromoform	1.0	U
78-93-3	**2-Butanone**	1.3	J
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	**Ethylbenzene**	0.23	J
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	1.2	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/5/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQM1AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM15-PZM011

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	1.3	J

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQN1AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM15-PZM011 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	38	
71-43-2	Benzene	1.4	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	8.8	
75-15-0	Carbon disulfide	1.3	
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	1.8	J
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	0.41	J
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQN1AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM15-PZM011 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQP1AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM15-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	37	
71-43-2	Benzene	1.5	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	8.5	
75-15-0	Carbon disulfide	1.2	
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	1.6	J
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	0.42	J
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 2/5/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQP1AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM15-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SML 2/5/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQQ1AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM02-PZM002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	**2.5**	**J**
71-43-2	**Benzene**	**2.3**	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	**Ethylbenzene**	**0.44**	**J**
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	**4-Methyl-2-pentanone**	**0.41**	**J**
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	**0.83**	**J**
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMC 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQQ1AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: FM02-PZM002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.3	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQR1AG Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01
Moisture %:NA

QC Batch: 1339138

Client Sample Id: FM02-PZM033

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQR1AG Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01
Moisture %:NA

QC Batch: 1339138

Client Sample Id: FM02-PZM033

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQT1AD Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: EQUIPMENT BLANK 4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.9	J
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC002

Matrix: (soil/water) WATER Lab Sample ID: C1L010127 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQT1AD Date Extracted: 12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %: NA

QC Batch: 1337549

Client Sample Id: EQUIPMENT BLANK 4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQV1AG Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM03-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	0.31	J
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 2/6/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQV1AG Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/04/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TM03-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQX1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/01/01
Work Order: EPRQX1AA Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:NA

QC Batch: 1337549

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L040198 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWTJ1AA Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01
Moisture %:NA

QC Batch: 1339138

Client Sample Id: TM05-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	**Benzene**	**2.0**	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	**Ethylbenzene**	**0.25**	**J**
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	**0.71**	**J**
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L040198 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWTJ1AA Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01
Moisture %:NA

QC Batch: 1339138

Client Sample Id: TM05-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	1.5	J

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L040198 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWTQ1AD Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01
Moisture %:NA

QC Batch: 1339138

Client Sample Id: TM05-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L040198 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/04/01
Work Order: EPWTQ1AD Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01
Moisture %:NA

QC Batch: 1339138

Client Sample Id: TM05-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ6V1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM05-PZM024

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ6V1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM05-PZM024

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	4.5	J
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300306 001

Sample WT/Vol: 1000 / mL
Work Order: EPQ6V1AC
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337353

Client Sample Id: FM05-PZM024

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ601AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: TM18-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	0.91	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	17	
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	0.56	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300306 002

Sample WT/Vol: 1000 / mL
Work Order: EPQ601AC
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337353

Client Sample Id: TM18-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**0.85**	**J**
86-73-7	**Fluorene**	**0.74**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	**2-Methylnaphthalene**	**1.2**	**J**
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**12** ✓	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**2.0**	**J**
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMM 2/6/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ601AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: TM18-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ611AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM04-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SML 2/6/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Lab Sample ID:C1K300306 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Date Received: 11/30/01
Work Order: EPQ611AE
Date Extracted:12/03/01
Dilution factor: 1
Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM04-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300306 003

Sample WT/Vol: 1000 / mL
Work Order: EPQ611AE
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: FM04-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ631AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: TM17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300306 004

Sample WT/Vol: 1000 / mL
Work Order: EPQ631AE
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: TM17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	1.0	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMM 2/5/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ631AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: TM17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 25Feb02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ641AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: TM14-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1.8	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	1.6	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smk 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ641AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: TM14-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	**2,4-Dimethylphenol**	9.3	J
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	0.82	J
86-73-7	**Fluorene**	2.2	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	**2-Methylnaphthalene**	1.9	J
95-48-7	2-Methylphenol	10	U
106-44-5	**4-Methylphenol**	2.7	J
91-20-3	**Naphthalene**	11	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	**Pentachlorophenol**	2.5	J
85-01-8	**Phenanthrene**	4.1	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC002

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1K300306 005

Sample WT/Vol: 1000 / mL
Work Order: EPQ641AE
Dilution factor: 1
Moisture %: NA

Date Received: 11/30/01
Date Extracted: 12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: TM14-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ671AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM04-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smy 2/6/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ671AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM04-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300306 006

Sample WT/Vol: 1000 / mL
Work Order: EPQ671AE
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337353

Client Sample Id: FM04-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ681AW Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM01-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ681AW Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM01-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ681AW Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM01-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ7C1AH Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM01-PZM041 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ7C1AH Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM01-PZM041 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ7C1AH Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM01-PZM041 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ7E1AH Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM01-PZM003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ7E1AH Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM01-PZM003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**0.73**	J
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**0.59**	J
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**0.98**	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/5/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1K300306 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/30/01
Work Order: EPQ7E1AH Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337353

Client Sample Id: FM01-PZM003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQK1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM03-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	7.1	J
208-96-8	Acenaphthylene	18	
120-12-7	Anthracene	12	
56-55-3	Benzo(a)anthracene	10	
205-99-2	Benzo(b)fluoranthene	7.8	J
207-08-9	Benzo(k)fluoranthene	6.8	J
191-24-2	Benzo(ghi)perylene	6.7	J
50-32-8	Benzo(a)pyrene	7.5	J
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	11	
53-70-3	Dibenz(a,h)anthracene	2.3	J
132-64-9	Dibenzofuran	36	
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smk 2/15/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQK1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM03-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	3.6	J	
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	34		
86-73-7	Fluorene	34		
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	6.5	J	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	38		
95-48-7	2-Methylphenol	1.5	J	
106-44-5	4-Methylphenol	8.3	J	R
91-20-3	Naphthalene	300	~~J~~	
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	R
85-01-8	Phenanthrene	92	~~J~~	
108-95-2	Phenol	6.9	J	
129-00-0	Pyrene	27		
110-86-1	Pyridine	20	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQK1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM03-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L010127 001 DL

Sample WT/Vol: 1000 / mL
Work Order: EPRQK2AC
Dilution factor: 5
Moisture %:NA

Date Received: 12/01/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337358

Client Sample Id: TM03-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	R
83-32-9	Acenaphthene	5.4	J	
208-96-8	Acenaphthylene	14	J	
120-12-7	Anthracene	10	J	
56-55-3	Benzo(a)anthracene	8.2	J	
205-99-2	Benzo(b)fluoranthene	6.5	J	
207-08-9	Benzo(k)fluoranthene	5.8	J	
191-24-2	Benzo(ghi)perylene	4.3	J	
50-32-8	Benzo(a)pyrene	6.2	J	
111-91-1	bis(2-Chloroethoxy)methane	50	U	
111-44-4	bis(2-Chloroethyl) ether	50	U	
117-81-7	bis(2-Ethylhexyl) phthalate	50	U	
101-55-3	4-Bromophenyl phenyl ether	50	U	
85-68-7	Butyl benzyl phthalate	50	U	
59-50-7	4-Chloro-3-methylphenol	50	U	
91-58-7	2-Chloronaphthalene	50	U	
95-57-8	2-Chlorophenol	50	U	
7005-72-3	4-Chlorophenyl phenyl ether	50	U	
218-01-9	Chrysene	8.9	J	
53-70-3	Dibenz(a,h)anthracene	50	U	
132-64-9	Dibenzofuran	30	J	
84-74-2	Di-n-butyl phthalate	50	U	
95-50-1	1,2-Dichlorobenzene	50	U	
541-73-1	1,3-Dichlorobenzene	50	U	
106-46-7	1,4-Dichlorobenzene	50	U	
91-94-1	3,3'-Dichlorobenzidine	250	U	
120-83-2	2,4-Dichlorophenol	50	U	
84-66-2	Diethyl phthalate	50	U	
119-93-7	3,3'-Dimethylbenzidine	250	U	

SMK 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQK2AC Date Extracted:12/03/01
Dilution factor: 5 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM03-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	50	U	R
131-11-3	Dimethyl phthalate	50	U	
117-84-0	Di-n-octyl phthalate	50	U	
534-52-1	4,6-Dinitro-2-methylphenol	250	U	
51-28-5	2,4-Dinitrophenol	250	U	
121-14-2	2,4-Dinitrotoluene	50	U	
606-20-2	2,6-Dinitrotoluene	50	U	
206-44-0	Fluoranthene	30	J	
86-73-7	Fluorene	27	J	
118-74-1	Hexachlorobenzene	50	U	
87-68-3	Hexachlorobutadiene	50	U	
77-47-4	Hexachlorocyclopentadiene	250	U	
67-72-1	Hexachloroethane	50	U	
193-39-5	Indeno(1,2,3-cd)pyrene	4.1	J	
78-59-1	Isophorone	50	U	
91-57-6	2-Methylnaphthalene	32	J	
95-48-7	2-Methylphenol	50	U	
106-44-5	4-Methylphenol	50	U	
91-20-3	Naphthalene	240		R
98-95-3	Nitrobenzene	50	U	
88-75-5	2-Nitrophenol	50	U	
100-02-7	4-Nitrophenol	250	U	
76-01-7	Pentachloroethane	250	U	
87-86-5	Pentachlorophenol	250	U	
85-01-8	Phenanthrene	75		R
108-95-2	Phenol	6.1	J	
129-00-0	Pyrene	24	J	
110-86-1	Pyridine	100	U	

smk 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQK2AC Date Extracted:12/03/01
Dilution factor: 5 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM03-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U

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SMK 2/6/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQL1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: EQUIPMENT BLANK 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smL 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQL1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: EQUIPMENT BLANK 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smt 2/6/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQL1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: EQUIPMENT BLANK 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQM1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM011

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1.7	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	0.70	J
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	~~0.73~~ 10	~~J~~ U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

6/10/02 6347 6349

SMK 2/15/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQM1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM011

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	15		
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	10	U	
86-73-7	Fluorene	1.2	J	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	1.5	J	
95-48-7	2-Methylphenol	7.5	J	
106-44-5	4-Methylphenol	48		
91-20-3	Naphthalene	14		
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	2.0	J	
108-95-2	Phenol	220	✗	R
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	20	U	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQM1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM011

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC002

Matrix: (soil/water) WATER Lab Sample ID: C1L010127 003 JL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Work Order: EPRQM2AE
Dilution factor: 4
Moisture %: NA

Date Received: 12/01/01
Date Extracted: 12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337358

Client Sample Id: TM15-PZM011 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	40	
208-96-8	Acenaphthylene	40	
120-12-7	Anthracene	40	
56-55-3	Benzo(a)anthracene	40	
205-99-2	Benzo(b)fluoranthene	40	
207-08-9	Benzo(k)fluoranthene	40	
191-24-2	Benzo(ghi)perylene	40	
50-32-8	Benzo(a)pyrene	40	
111-91-1	bis(2-Chloroethoxy)methane	40	
111-44-4	bis(2-Chloroethyl) ether	40	
117-81-7	bis(2-Ethylhexyl) phthalate	40	
101-55-3	4-Bromophenyl phenyl ether	40	
85-68-7	Butyl benzyl phthalate	40	
59-50-7	4-Chloro-3-methylphenol	40	
91-58-7	2-Chloronaphthalene	40	
95-57-8	2-Chlorophenol	40	
7005-72-3	4-Chlorophenyl phenyl ether	40	
218-01-9	Chrysene	40	
53-70-3	Dibenz(a,h)anthracene	40	
132-64-9	Dibenzofuran	40	
84-74-2	Di-n-butyl phthalate	40	
95-50-1	1,2-Dichlorobenzene	40	
541-73-1	1,3-Dichlorobenzene	40	
106-46-7	1,4-Dichlorobenzene	40	
91-94-1	3,3'-Dichlorobenzidine	200	
120-83-2	2,4-Dichlorophenol	40	
84-66-2	Diethyl phthalate	40	
119-93-7	3,3'-Dimethylbenzidine	200	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQM2AE Date Extracted:12/03/01
Dilution factor: 4 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM011 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	9.4	J	R
131-11-3	Dimethyl phthalate	40	U	
117-84-0	Di-n-octyl phthalate	40	U	
534-52-1	4,6-Dinitro-2-methylphenol	200	U	
51-28-5	2,4-Dinitrophenol	200	U	
121-14-2	2,4-Dinitrotoluene	40	U	
606-20-2	2,6-Dinitrotoluene	40	U	
206-44-0	Fluoranthene	40	U	
86-73-7	Fluorene	40	U	
118-74-1	Hexachlorobenzene	40	U	
87-68-3	Hexachlorobutadiene	40	U	
77-47-4	Hexachlorocyclopentadiene	200	U	
67-72-1	Hexachloroethane	40	U	
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	
78-59-1	Isophorone	40	U	
91-57-6	2-Methylnaphthalene	40	U	
95-48-7	2-Methylphenol	6.8	J	
106-44-5	4-Methylphenol	45		
91-20-3	Naphthalene	13	J	
98-95-3	Nitrobenzene	40	U	
88-75-5	2-Nitrophenol	40	U	
100-02-7	4-Nitrophenol	200	U	
76-01-7	Pentachloroethane	200	U	
87-86-5	Pentachlorophenol	200	U	
85-01-8	Phenanthrene	40	U	
108-95-2	Phenol	220		
129-00-0	Pyrene	40	U	
110-86-1	Pyridine	80	U	

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC002

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L010127 003 DL

Sample WT/Vol: 1000 / mL
Work Order: EPRQM2AE
Dilution factor: 4
Moisture %: NA

Date Received: 12/01/01
Date Extracted: 12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337358

Client Sample Id: TM15-PZM011 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	40	U	R
95-95-4	2,4,5-Trichlorophenol	40	U	
88-06-2	2,4,6-Trichlorophenol	40	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	80	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQN1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM011 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**1.9**	**J**
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	**2-Chlorophenol**	**0.73**	**J**
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**0.80**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/15/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQN1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM011 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	12		
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	10	U	
86-73-7	Fluorene	1.2	J	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	1.7	J	
95-48-7	2-Methylphenol	8.0	J	
106-44-5	4-Methylphenol	46		
91-20-3	Naphthalene	16		
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	2.0	J	
108-95-2	Phenol	210	E	R
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	20	U	

SMK 2/6/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQN1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM011 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 004 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQN2AE Date Extracted:12/03/01
Dilution factor: 4 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM011 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	40	
208-96-8	Acenaphthylene	40	
120-12-7	Anthracene	40	
56-55-3	Benzo(a)anthracene	40	
205-99-2	Benzo(b)fluoranthene	40	
207-08-9	Benzo(k)fluoranthene	40	
191-24-2	Benzo(ghi)perylene	40	
50-32-8	Benzo(a)pyrene	40	
111-91-1	bis(2-Chloroethoxy)methane	40	
111-44-4	bis(2-Chloroethyl) ether	40	
117-81-7	bis(2-Ethylhexyl) phthalate	40	
101-55-3	4-Bromophenyl phenyl ether	40	
85-68-7	Butyl benzyl phthalate	40	
59-50-7	4-Chloro-3-methylphenol	40	
91-58-7	2-Chloronaphthalene	40	
95-57-8	2-Chlorophenol	40	
7005-72-3	4-Chlorophenyl phenyl ether	40	
218-01-9	Chrysene	40	
53-70-3	Dibenz(a,h)anthracene	40	
132-64-9	Dibenzofuran	40	
84-74-2	Di-n-butyl phthalate	40	
95-50-1	1,2-Dichlorobenzene	40	
541-73-1	1,3-Dichlorobenzene	40	
106-46-7	1,4-Dichlorobenzene	40	
91-94-1	3,3'-Dichlorobenzidine	200	
120-83-2	2,4-Dichlorophenol	40	
84-66-2	Diethyl phthalate	40	
119-93-7	3,3'-Dimethylbenzidine	200	

R

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 004 JL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQN2AE Date Extracted:12/03/01
Dilution factor: 4 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM011 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	9.1	J	R
131-11-3	Dimethyl phthalate	40	U	
117-84-0	Di-n-octyl phthalate	40	U	
534-52-1	4,6-Dinitro-2-methylphenol	200	U	
51-28-5	2,4-Dinitrophenol	200	U	
121-14-2	2,4-Dinitrotoluene	40	U	
606-20-2	2,6-Dinitrotoluene	40	U	
206-44-0	Fluoranthene	40	U	
86-73-7	Fluorene	40	U	
118-74-1	Hexachlorobenzene	40	U	
87-68-3	Hexachlorobutadiene	40	U	
77-47-4	Hexachlorocyclopentadiene	200	U	
67-72-1	Hexachloroethane	40	U	
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	
78-59-1	Isophorone	40	U	
91-57-6	2-Methylnaphthalene	40	U	
95-48-7	2-Methylphenol	6.8	J	
106-44-5	4-Methylphenol	42	J	
91-20-3	Naphthalene	15	J	
98-95-3	Nitrobenzene	40	U	
88-75-5	2-Nitrophenol	40	U	
100-02-7	4-Nitrophenol	200	U	
76-01-7	Pentachloroethane	200	U	
87-86-5	Pentachlorophenol	200	U	
85-01-8	Phenanthrene	40	U	
108-95-2	Phenol	210		
129-00-0	Pyrene	40	U	R
110-86-1	Pyridine	80	U	

SMM 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Lab Sample ID:C1L010127 004 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Work Order: EPRQN2AE
Dilution factor: 4
Moisture %:NA

Date Received: 12/01/01
Date Extracted:12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337358

Client Sample Id: TM15-PZM011 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	40	U
95-95-4	2,4,5-Trichlorophenol	40	U
88-06-2	2,4,6-Trichlorophenol	40	U
108-60-1	2,2'-oxybis(1-Chloropropane)	80	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQP1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	15	
208-96-8	Acenaphthylene	4.0	J
120-12-7	Anthracene	1.2	J
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	8.7	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SML 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQP1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	5.9	J	
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	1.2	J	
86-73-7	Fluorene	9.6	J	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	20		
95-48-7	2-Methylphenol	3.3	J	
106-44-5	4-Methylphenol	12		
91-20-3	Naphthalene	94	E	R
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	10		
108-95-2	Phenol	29 ✓		
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	20	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQP1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC002

Matrix: (soil/water) WATER Lab Sample ID: C1L010127 005 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Work Order: EPRQP2AE
Dilution factor: 2
Moisture %: NA

Date Received: 12/01/01
Date Extracted: 12/03/01
Date Analyzed: 12/10/01

QC Batch: 1337358

Client Sample Id: TM15-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	R
83-32-9	Acenaphthene	12	J	
208-96-8	Acenaphthylene	3.3	J	
120-12-7	Anthracene	20	U	
56-55-3	Benzo(a)anthracene	20	U	
205-99-2	Benzo(b)fluoranthene	20	U	
207-08-9	Benzo(k)fluoranthene	20	U	
191-24-2	Benzo(ghi)perylene	20	U	
50-32-8	Benzo(a)pyrene	20	U	
111-91-1	bis(2-Chloroethoxy)methane	20	U	
111-44-4	bis(2-Chloroethyl) ether	20	U	
117-81-7	bis(2-Ethylhexyl) phthalate	20	U	
101-55-3	4-Bromophenyl phenyl ether	20	U	
85-68-7	Butyl benzyl phthalate	20	U	
59-50-7	4-Chloro-3-methylphenol	20	U	
91-58-7	2-Chloronaphthalene	20	U	
95-57-8	2-Chlorophenol	20	U	
7005-72-3	4-Chlorophenyl phenyl ether	20	U	
218-01-9	Chrysene	20	U	
53-70-3	Dibenz(a,h)anthracene	20	U	
132-64-9	Dibenzofuran	7.4	J	
84-74-2	Di-n-butyl phthalate	20	U	
95-50-1	1,2-Dichlorobenzene	20	U	
541-73-1	1,3-Dichlorobenzene	20	U	
106-46-7	1,4-Dichlorobenzene	20	U	
91-94-1	3,3'-Dichlorobenzidine	100	U	
120-83-2	2,4-Dichlorophenol	20	U	
84-66-2	Diethyl phthalate	20	U	
119-93-7	3,3'-Dimethylbenzidine	100	U	

SMK 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 005 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQP2AE Date Extracted:12/03/01
Dilution factor: 2 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	4.6	J
131-11-3	Dimethyl phthalate	20	U
117-84-0	Di-n-octyl phthalate	20	U
534-52-1	4,6-Dinitro-2-methylphenol	100	U
51-28-5	2,4-Dinitrophenol	100	U
121-14-2	2,4-Dinitrotoluene	20	U
606-20-2	2,6-Dinitrotoluene	20	U
206-44-0	Fluoranthene	20	U
86-73-7	Fluorene	7.7	J
118-74-1	Hexachlorobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
77-47-4	Hexachlorocyclopentadiene	100	U
67-72-1	Hexachloroethane	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
78-59-1	Isophorone	20	U
91-57-6	2-Methylnaphthalene	18	J
95-48-7	2-Methylphenol	2.9	J
106-44-5	4-Methylphenol	11	J
91-20-3	Naphthalene	89	
98-95-3	Nitrobenzene	20	U
88-75-5	2-Nitrophenol	20	U
100-02-7	4-Nitrophenol	100	U
76-01-7	Pentachloroethane	100	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	8.5	J
108-95-2	Phenol	28	
129-00-0	Pyrene	20	U
110-86-1	Pyridine	40	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 005 JL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQP2AE Date Extracted:12/03/01
Dilution factor: 2 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM15-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	U

R

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQQ1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: FM02-PZM002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQQ1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: FM02-PZM002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	3.7	J
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	1.4	J
108-95-2	**Phenol**	3.4	J
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smL 2/5/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQQ1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: FM02-PZM002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L010127 007

Sample WT/Vol: 1000 / mL
Work Order: EPRQR1AH
Dilution factor: 1
Moisture %:NA

Date Received: 12/01/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337358

Client Sample Id: FM02-PZM033

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/5/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Lab Sample ID:C1L010127 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Date Received: 12/01/01
Work Order: EPRQR1AH
Date Extracted:12/03/01
Dilution factor: 1
Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: FM02-PZM033

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQR1AH Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: FM02-PZM033

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQT1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: EQUIPMENT BLANK 4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smk 2/5/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQT1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: EQUIPMENT BLANK 4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQT1AE Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: EQUIPMENT BLANK 4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQV1AH Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM03-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMT 2/5/2002

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC002

Matrix: (soil/water) WATER Lab Sample ID: C1L010127 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQV1AH Date Extracted: 12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %: NA

QC Batch: 1337358

Client Sample Id: TM03-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**1.1**	**J**
86-73-7	**Fluorene**	**0.62**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**2.7**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**2.5**	**J**
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/15/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Lab Sample ID:C1L010127 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Date Received: 12/01/01
Work Order: EPRQV1AH
Date Extracted:12/03/01
Dilution factor: 1
Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337358

Client Sample Id: TM03-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L040198 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWTJ1AC Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM05-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1.7	J
208-96-8	Acenaphthylene	1.5	J
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	1.7	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/15/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L040198 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWTJ1AC Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM05-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**1.0**	**J**
86-73-7	**Fluorene**	**2.5**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	**2-Methylnaphthalene**	**3.4**	**J**
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**48**	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**5.3**	**J**
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L040198 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWTJ1AC Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM05-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L040198 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWTQ1AE Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM05-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	3.0	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L040198 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWTQ1AE Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM05-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**7.1**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**2.2**	**J**
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L040198 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWTQ1AE Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1339310

Client Sample Id: TM05-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300306 001

Sample WT/Vol: 1000 / mL
Work Order: EPQ6V1AD
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/05/01

QC Batch: 1337532

Client Sample Id: FM05-PZM024

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300306 002

Sample WT/Vol: 1000 / mL
Work Order: EPQ601AD
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/05/01

QC Batch: 1337532

Client Sample Id: TM18-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300306 003

Sample WT/Vol: 1000 / mL
Work Order: EPQ611AF
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/05/01

QC Batch: 1337532

Client Sample Id: FM04-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300306 004

Sample WT/Vol: 1000 / mL
Work Order: EPQ631AF
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/05/01

QC Batch: 1337532

Client Sample Id: TM17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300306 005

Sample WT/Vol: 1000 / mL
Work Order: EPQ641AF
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/05/01

QC Batch: 1337532

Client Sample Id: TM14-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID: C1K300306 006

Sample WT/Vol: 1000 / mL
Work Order: EPQ671AF
Dilution factor: 1
Moisture %: NA

Date Received: 11/30/01
Date Extracted: 12/03/01
Date Analyzed: 12/05/01

QC Batch: 1337532

Client Sample Id: FM04-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300306 007

Sample WT/Vol: 1000 / mL
Work Order: EPQ681A1
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: FM01-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL
MATRIX SPIKE COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300306 007

Sample WT/Vol: 1000 / mL
Work Order: EPQ681A2
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: FM01-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	7.46	
11096-82-5	Aroclor 1260	8.32	

CH2M HILL
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300306 007

Sample WT/Vol: 1000 / mL
Work Order: EPQ681A3
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: FM01-PZM041

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	7.72	
11096-82-5	Aroclor 1260	8.51	

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300306 008

Sample WT/Vol: 1000 / mL
Work Order: EPQ7C1AJ
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: FM01-PZM041 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300306 009

Sample WT/Vol: 1000 / mL
Work Order: EPQ7E1AJ
Dilution factor: 1
Moisture %:NA

Date Received: 11/30/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337532

Client Sample Id: FM01-PZM003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L010127 001

Sample WT/Vol: 1000 / mL
Work Order: EPRQK1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/01/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337530

Client Sample Id: TM03-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L010127 002

Sample WT/Vol: 1000 / mL
Work Order: EPRQL1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/01/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337530

Client Sample Id: EQUIPMENT BLANK 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L010127 003

Sample WT/Vol: 1000 / mL
Work Order: EPRQM1AF
Dilution factor: 1
Moisture %:NA

Date Received: 12/01/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337530

Client Sample Id: TM15-PZM011

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L010127 004

Sample WT/Vol: 1000 / mL
Work Order: EPRQN1AF
Dilution factor: 1
Moisture %:NA

Date Received: 12/01/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337530

Client Sample Id: TM15-PZM011 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L010127 005

Sample WT/Vol: 1000 / mL
Work Order: EPRQP1AF
Dilution factor: 1
Moisture %:NA

Date Received: 12/01/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337530

Client Sample Id: TM15-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L010127 006

Sample WT/Vol: 1000 / mL
Work Order: EPRQQ1AF
Dilution factor: 1
Moisture %:NA

Date Received: 12/01/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337530

Client Sample Id: FM02-PZM002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L010127 007

Sample WT/Vol: 1000 / mL
Work Order: EPRQR1AJ
Dilution factor: 1
Moisture %:NA

Date Received: 12/01/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337530

Client Sample Id: FM02-PZM033

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L010127 008
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/01/01
Work Order: EPRQT1AF Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:NA

QC Batch: 1337530

Client Sample Id: EQUIPMENT BLANK 4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L010127 009

Sample WT/Vol: 1000 / mL
Work Order: EPRQV1AJ
Dilution factor: 1
Moisture %:NA

Date Received: 12/01/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337530

Client Sample Id: TM03-PZM037

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L040198 001

Sample WT/Vol: 1000 / mL
Work Order: EPWTJ1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/04/01
Date Extracted:12/05/01
Date Analyzed: 12/08/01

QC Batch: 1339465

Client Sample Id: TM05-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC002

Matrix: (soil/water) WATER Lab Sample ID:C1L040198 002
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/04/01
Work Order: EPWTQ1AF Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/08/01
Moisture %:NA

QC Batch: 1339465

Client Sample Id: TM05-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC002
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- X • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/22/2008
Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

All chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

4.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

5.0 *ICP INTERFERENCE CHECK SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The positive results reported for the metals in the samples presented on page 4 are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results for these metals in these samples has indicated this.

Analyte	Qualified Results
Available Cyanide	FM01-PZM003-01C
Antimony	FM01-PZM003-01C, FM03-PZM002-01C, TM03-PZM004-01C, TM05-PZM040-01C, TM15-PZM007-01C, TM15-PZM011-01C
Barium	FM03-PZM002-01C, TM03-PZM004-01C, TM15-PZM007-01C, TM15-PZM011-01C, TM15-PZM011-01C DUP
Beryllium	FM01-PZM003-01C, FM01-PZM041-01C, FM01-PZM041-01C DUP, FM03-PZM002-01C, FM03-PZM033-01C, FM04-PZM010-01C, FM04-PZM037-01C, FM05-PZM024-01C, TM03-PZM004-01C, TM03-PZM037-01C, TM05-PZM005-01C, TM05-PZM040-01C, TM14-PZM005-01C, TM15-PZM007-01C, TM15-PZM011-01C, TM15-PZM011-01C DUP, TM17-PZM005-01C, TM18-PZM005-01C
Chromium	FM03-PZM033-01C, FM04-PZM010-01C, TM15-PZM011-01C, TM15-PZM007-01C, TM15-PZM011-01C DUP, TM17-PZM005-01C
Cobalt	TM18-PZM005-01C
Copper	FM03-PZM002-01C
Lead	FM03-PZM033-01C, TM14-PZM005-01C, TM15-PZM007-01C, TM18-PZM005-01C, TM17-PZM005-01C,
Mercury	FM01-PZM041-01C DUP, FM02-PZM002-01C, FM04-PZM037-01C, TM03-PZM004-01C, TM15-PZM011-01C, TM15-PZM011-01C DUP
Selenium	FM04-PZM010-01C
Zinc	FM01-PZM041-01C, FM04-PZM010-01C, FM04-PZM037-01C, FM05-PZM024-01C, TM03-PZM037-01C, TM05-PZM005-01C, TM05-PZM040-01C, TM15-PZM007-01C, TM15-PZM011-01C, TM15-PZM011-01C DUP, TM14-PZM005-01C

7.0 *MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY*

Positive available cyanide results for samples FM02-PZM002-01C, FM02-PZM033-01C, TM03-PZM037-01C, TM05-PZM005-01C, TM05-PZM040-01C, TM15-PZM007-01C, TM15-PZM011-01C, and TM15-PZM011-01C DUP should be considered biased high quantitative estimates and may be lower than reported. The associated matrix spike recovery was above the acceptance limit for this analyte. The high recovery indicates the presence of interferences for available cyanide for samples of similar matrix. The positive results have been marked "K" to indicate that they are biased high quantitative estimates.

8.0 *LABORATORY DUPLICATE RESULTS*

All criteria were met. No qualifiers were applied.

9.0 *ICP SERIAL DILUTION RESULTS*

All criteria were met. No qualifiers were applied.

10.0 *FIELD DUPLICATE RESULTS*

Duplicate sample pairs FM01-PZM041-01C and FM01-PZM041-01C DUP, and TM15-PZM011-01C and TM15-PZM011-01C DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. Results for these duplicate samples are presented in Tables 2 and 3. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criterion of 25 percent for values greater than five times the QL (or $\pm$ the QL for results less than five times the QL).

11.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

12.0 GFAA POST-DIGESTION SPIKE/DUPLICATE BURN

Not Applicable.

13.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

14.0 QUANTITATION/REPORTING LIMITS

The laboratory reported results for metals detected in samples at concentrations greater than the instrument detection limit, but less than the QL with "B" flags. EDQ has flagged results for metals below the QL with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

Table 3 Field Duplicate Sample Results for Inorganic Analyses
Ground Water Duplicate Samples TM15-PZM011-01C and TM15-PZM011-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	TM15-PZM011-01C (µg/L)		TM15-PZM011-01C DUP (µg/L)			
Antimony	4.6	B	ND		NC	
Arsenic	12.1		13		NC	
Barium	63.9	B	65.9	B	NC	
Beryllium	1.9	B	2.4	B	NC	
Chromium	1.2	B	1.5	B	NC	
Nickel	8.0	J	9.5	J	17.1	
Selenium	ND		4.3	J	NC	
Vanadium	33.5	J	33.8	J	0.9	
Zinc	2.0	B	2.0	B	NC	
Available Cyanide, mg/L	22.8	K	22.9	K	0.4	

Table 2 Field Duplicate Sample Results for Inorganic Analyses
Ground Water Duplicate Samples FM01-PZM041-01C and FM01-PZM041-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	FM01-PZM041-01C (µg/L)		FM01-PZM041-01C DUP (µg/L)			
Arsenic	26.6		26.4		NC	
Barium	608		608		0.0	
Beryllium	2.3	B	2.1	1	NC	
Calcium	140000		139000		0.7	
Chromium	1.3	J	1.4	J	7.4	
Iron	60100		60000		0.2	
Magnesium	81300		80900		0.5	
Manganese	390		392		0.5	
Mercury	ND		0.054	B	NC	
Potassium	21700		26900		21.4	*
Sodium	359000		361000		0.6	
Thallium	ND		6.7	J	NC	
Tin	33.5	J	ND		NC	
Zinc	1.9	B	ND		NC	
Available Cyanide, mg/L	0.028	J	0.030	J	NC	
Sulfide, mg/L	ND		ND		NC	
Bicarbonate Alkalinity, mg/L	146		150		2.7	
Chloride, mg/L	1180		1190		0.8	

* EDQ Field Duplicate precision criterion was exceeded for this analyte.

Table 2 Field Duplicate Sample Results for Inorganic Analyses
Ground Water Duplicate Samples FM01-PZM041-01C and FM01-PZM041-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	FM01-PZM041-01C (µg/L)		FM01-PZM041-01C DUP (µg/L)			
Arsenic	26.6		26.4		NC	
Barium	608		608		0.0	
Beryllium	2.3	B	2.1	1	NC	
Calcium	140000		139000		0.7	
Chromium	1.3	J	1.4	J	7.4	
Iron	60100		60000		0.2	
Magnesium	81300		80900		0.5	
Manganese	390		392		0.5	
Mercury	ND		0.054	B	NC	
Potassium	21700		26900		21.4	*
Sodium	359000		361000		0.6	
Thallium	ND		6.7	J	NC	
Tin	33.5	J	ND		NC	
Zinc	1.9	B	ND		NC	
Available Cyanide, mg/L	0.028	J	0.030	J	NC	
Sulfide, mg/L	ND		ND		NC	
Bicarbonate Alkalinity, mg/L	146		150		2.7	
Chloride, mg/L	1180		1190		0.8	

* EDQ Field Duplicate precision criterion was exceeded for this analyte.

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ60 **Client ID:** TM18-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/19/01	16:38
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	12/19/01	16:38
Barium	**493.41**	**0.14**	**200**	**53.5**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:38**
Beryllium	**313.04**	**0.40**	**5.0**	**1.4**	~~B~~ B	1	**ICPST**	**12/19/01**	**16:38**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	16:38
Chromium	**267.72**	**1.1**	**5.0**	**2.2**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:38**
Cobalt	**228.62**	**0.86**	**50.0**	**9.2**	~~B~~ B	1	**ICPST**	**12/19/01**	**16:38**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	16:38
Lead	**220.35**	**1.8**	**3.0**	**7.2**	B	1	**ICPST**	**12/19/01**	**16:38**
Nickel	**231.60**	**2.4**	**40.0**	**2.8**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:38**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	16:38
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	16:38
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	16:38
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	10:30
Vanadium	**292.40**	**1.5**	**50.0**	**3.2**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:38**
Zinc	**213.86**	**1.5**	**20.0**	**12.2**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:38**

Comments: Lot #: C1K300306 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ61 **Client ID:** FM04-PZM010

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/19/01	16:42
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	12/19/01	16:42
Barium	**493.41**	**0.14**	**200**	139	~~B~~ J	1	**ICPST**	**12/19/01**	**16:42**
Beryllium	**313.04**	**0.40**	**5.0**	**1.1**	~~B~~ B	1	**ICPST**	**12/19/01**	**16:42**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	16:42
Chromium	**267.72**	**1.1**	**5.0**	**2.0**	~~B~~ B	1	**ICPST**	**12/19/01**	**16:42**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	16:42
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	16:42
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/19/01	16:42
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	16:42
Selenium	**220.35**	**3.2**	**5.0**	**3.4**	~~B~~ B	1	**ICPST**	**12/19/01**	**16:42**
Silver	**328.07**	**0.75**	**5.0**	**0.87**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:42**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	16:42
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	10:33
Vanadium	**292.40**	**1.5**	**50.0**	**4.0**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:42**
Zinc	**213.86**	**1.5**	**20.0**	**9.7**	~~B~~ B	1	**ICPST**	**12/19/01**	**16:42**

Comments: Lot #: C1K300306 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ63 **Client ID:** TM17-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.2	~~B~~ J	1	ICPST	12/19/01	16:47
Arsenic	189.04	2.0	10.0	12.0		1	ICPST	12/19/01	16:47
Barium	493.41	0.14	200	261		1	ICPST	12/19/01	16:47
Beryllium	313.04	0.40	5.0	1.2	~~U~~ B	1	ICPST	12/19/01	16:47
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	16:47
Chromium	267.72	1.1	5.0	6.9	B	1	ICPST	12/19/01	16:47
Cobalt	228.62	0.86	50.0	1.5	~~U~~ J	1	ICPST	12/19/01	16:47
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	16:47
Lead	220.35	1.8	3.0	3.5	B	1	ICPST	12/19/01	16:47
Nickel	231.60	2.4	40.0	3.1	~~U~~ J	1	ICPST	12/19/01	16:47
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	16:47
Silver	328.07	0.75	5.0	1.6	~~U~~ J	1	ICPST	12/19/01	16:47
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	16:47
Tin	189.99	28.8	100	35.3	~~U~~ J	1	ICP	12/17/01	10:36
Vanadium	292.40	1.5	50.0	21.5	~~B~~ J	1	ICPST	12/19/01	16:47
Zinc	213.86	1.5	20.0	13.4	~~B~~ J	1	ICPST	12/19/01	16:47

Comments: Lot #: C1K300306 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ64 **Client ID:** TM14-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/19/01	16:51
Arsenic	**189.04**	**2.0**	**10.0**	**5.5**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:51**
Barium	**493.41**	**0.14**	**200**	**52.6**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:51**
Beryllium	**313.04**	**0.40**	**5.0**	**1.6**	~~B~~ B	1	**ICPST**	**12/19/01**	**16:51**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	16:51
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	12/19/01	16:51
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	16:51
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	16:51
Lead	**220.35**	**1.8**	**3.0**	**1.9**	~~B~~ B	1	**ICPST**	**12/19/01**	**16:51**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	16:51
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	16:51
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	16:51
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	16:51
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	10:46
Vanadium	**292.40**	**1.5**	**50.0**	**65.6**		1	**ICPST**	**12/19/01**	**16:51**
Zinc	**213.86**	**1.5**	**20.0**	**2.1**	~~B~~ B	1	**ICPST**	**12/19/01**	**16:51**

Comments: Lot #: C1K300306 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ67 **Client ID:** FM04-PZM037

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/19/01	17:04
Arsenic	**189.04**	**2.0**	**10.0**	**6.4**	~~B~~ J	1	**ICPST**	**12/19/01**	**17:04**
Barium	**493.41**	**0.14**	**200**	**145**	~~B~~ J	1	**ICPST**	**12/19/01**	**17:04**
Beryllium	**313.04**	**0.40**	**5.0**	**1.8**	~~B~~ B	1	**ICPST**	**12/19/01**	**17:04**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	17:04
Chromium	**267.72**	**1.1**	**5.0**	**1.4**	~~B~~ J	1	**ICPST**	**12/19/01**	**17:04**
Cobalt	228.62	0.86	50.0	0.86	~~U~~	1	ICPST	12/19/01	17:04
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	17:04
Lead	**220.35**	**1.8**	**3.0**	**2.0**	~~B~~ J	1	**ICPST**	**12/19/01**	**17:04**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	17:04
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	17:04
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	17:04
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	17:04
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	10:49
Vanadium	**292.40**	**1.5**	**50.0**	**10.3**	~~B~~ J	1	**ICPST**	**12/19/01**	**17:04**
Zinc	**213.86**	**1.5**	**20.0**	**3.3**	~~B~~ B	1	**ICPST**	**12/19/01**	**17:04**

Comments: Lot #: C1K300306 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ6V **Client ID:** FM05-PZM024

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/19/01	16:34
Arsenic	**189.04**	**2.0**	**10.0**	**3.2**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:34**
Barium	**493.41**	**0.14**	**200**	**95.4**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:34**
Beryllium	**313.04**	**0.40**	**5.0**	**0.86**	~~B~~ B	1	**ICPST**	**12/19/01**	**16:34**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	16:34
Calcium	**317.93**	**12.2**	**5000**	**23800**		1	**ICPST**	**12/19/01**	**16:34**
Chromium	**267.72**	**1.1**	**5.0**	**1.9**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:34**
Cobalt	**228.62**	**0.86**	**50.0**	**1.7**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:34**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	16:34
Iron	**271.44**	**45.0**	**100**	**39600**		1	**ICPST**	**12/19/01**	**16:34**
Lead	**220.35**	**1.8**	**3.0**	**1.9**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:34**
Magnesium	**279.08**	**7.1**	**5000**	**13400**		1	**ICPST**	**12/19/01**	**16:34**
Manganese	**257.61**	**0.47**	**15.0**	**2370**		1	**ICPST**	**12/19/01**	**16:34**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	16:34
Potassium	**766.49**	**519**	**5000**	**2840**	~~B~~ J	1	**ICP**	**12/17/01**	**10:27**
Selenium	**220.35**	**3.2**	**5.0**	**4.0**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:34**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	16:34
Sodium	**589**	**15.0**	**5000**	**58900**		1	**ICP**	**12/17/01**	**10:27**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	16:34
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	10:27
Vanadium	**292.40**	**1.5**	**50.0**	**9.7**	~~B~~ J	1	**ICPST**	**12/19/01**	**16:34**
Zinc	**213.86**	**1.5**	**20.0**	**2.6**	~~B~~ B	1	**ICPST**	**12/19/01**	**16:34**

Comments: Lot #: C1K300306 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ68 **Client ID:** FM01-PZM041

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/19/01	17:09
Arsenic	**189.04**	**2.0**	**10.0**	**26.6**		**1**	**ICPST**	**12/19/01**	**17:09**
Barium	**493.41**	**0.14**	**200**	**608**		**1**	**ICPST**	**12/19/01**	**17:09**
Beryllium	**313.04**	**0.40**	**5.0**	**2.3**	~~U~~ B	**1**	**ICPST**	**12/19/01**	**17:09**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	17:09
Calcium	**317.93**	**12.2**	**5000**	**140000**		**1**	**ICPST**	**12/19/01**	**17:09**
Chromium	**267.72**	**1.1**	**5.0**	**1.3**	~~U~~ J	**1**	**ICPST**	**12/19/01**	**17:09**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	17:09
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	17:09
Iron	**271.44**	**45.0**	**100**	**60100**		**1**	**ICPST**	**12/19/01**	**17:09**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/19/01	17:09
Magnesium	**279.08**	**7.1**	**5000**	**81300**		**1**	**ICPST**	**12/19/01**	**17:09**
Manganese	**257.61**	**0.47**	**15.0**	**390**		**1**	**ICPST**	**12/19/01**	**17:09**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	17:09
Potassium	**766.49**	**519**	**5000**	**27100**		**1**	**ICP**	**12/17/01**	**10:52**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	17:09
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	17:09
Sodium	**589**	**15.0**	**5000**	**359000**		**1**	**ICP**	**12/17/01**	**10:52**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	17:09
Tin	**189.99**	**28.8**	**100**	**33.5**	~~B~~ J	**1**	**ICP**	**12/17/01**	**10:52**
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	12/19/01	17:09
Zinc	**213.86**	**1.5**	**20.0**	**1.9**	~~U~~ B	**1**	**ICPST**	**12/19/01**	**17:09**

Comments: Lot #: C1K300306 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ7C **Client ID:** FM01-PZM041 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/19/01	17:26
Arsenic	**189.04**	**2.0**	**10.0**	**26.4**		**1**	**ICPST**	**12/19/01**	**17:26**
Barium	**493.41**	**0.14**	**200**	**608**		**1**	**ICPST**	**12/19/01**	**17:26**
Beryllium	**313.04**	**0.40**	**5.0**	**2.1**	~~B~~	B **1**	**ICPST**	**12/19/01**	**17:26**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	17:26
Calcium	**317.93**	**12.2**	**5000**	**139000**		**1**	**ICPST**	**12/19/01**	**17:26**
Chromium	**267.72**	**1.1**	**5.0**	**1.4**	~~B~~	J **1**	**ICPST**	**12/19/01**	**17:26**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	17:26
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	17:26
Iron	**271.44**	**45.0**	**100**	**60000**		**1**	**ICPST**	**12/19/01**	**17:26**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/19/01	17:26
Magnesium	**279.08**	**7.1**	**5000**	**80900**		**1**	**ICPST**	**12/19/01**	**17:26**
Manganese	**257.61**	**0.47**	**15.0**	**392**		**1**	**ICPST**	**12/19/01**	**17:26**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	17:26
Potassium	**766.49**	**519**	**5000**	**26900**		**1**	**ICP**	**12/17/01**	**11:04**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	17:26
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	17:26
Sodium	**589**	**15.0**	**5000**	**361000**		**1**	**ICP**	**12/17/01**	**11:04**
Thallium	**190.86**	**5.7**	**10.0**	**6.7**	~~B~~	J **1**	**ICPST**	**12/19/01**	**17:26**
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	11:04
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	12/19/01	17:26
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	12/19/01	17:26

Comments: Lot #: C1K300306 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ7E **Client ID:** FM01-PZM003

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	5.6	~~B~~ B	1	ICPST	12/19/01	17:31
Arsenic	189.04	2.0	10.0	4.2	~~B~~ J	1	ICPST	12/19/01	17:31
Barium	493.41	0.14	200	19.8	~~B~~ J	1	ICPST	12/19/01	17:31
Beryllium	313.04	0.40	5.0	2.1	~~B~~ B	1	ICPST	12/19/01	17:31
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	17:31
Calcium	317.93	12.2	5000	51200		1	ICPST	12/19/01	17:31
Chromium	267.72	1.1	5.0	21.7		1	ICPST	12/19/01	17:31
Cobalt	228.62	0.86	50.0	1.1	~~B~~ J	1	ICPST	12/19/01	17:31
Copper	324.75	0.77	25.0	20.6	~~B~~ J	1	ICPST	12/19/01	17:31
Iron	271.44	45.0	100	3880		1	ICPST	12/19/01	17:31
Lead	220.35	1.8	3.0	50.5		1	ICPST	12/19/01	17:31
Magnesium	279.08	7.1	5000	1030	~~B~~ J	1	ICPST	12/19/01	17:31
Manganese	257.61	0.47	15.0	297		1	ICPST	12/19/01	17:31
Nickel	231.60	2.4	40.0	2.5	~~B~~ J	1	ICPST	12/19/01	17:31
Potassium	766.49	519	5000	5300		1	ICP	12/17/01	11:08
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	17:31
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	17:31
Sodium	589	15.0	5000	26800		1	ICP	12/17/01	11:08
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	17:31
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	11:08
Vanadium	292.40	1.5	50.0	368		1	ICPST	12/19/01	17:31
Zinc	213.86	1.5	20.0	121		1	ICPST	12/19/01	17:31

Comments: Lot #: C1K300306 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQK **Client ID:** TM03-PZM004

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.2	~~B~~	~~B~~ 1	ICPST	12/19/01	17:35
Arsenic	189.04	2.0	10.0	7.4	~~B~~	J 1	ICPST	12/19/01	17:35
Barium	493.41	0.14	200	30.5	~~B~~	~~B~~ 1	ICPST	12/19/01	17:35
Beryllium	313.04	0.40	5.0	1.6	~~B~~	~~B~~ 1	ICPST	12/19/01	17:35
Cadmium	226.50	0.63	5.0	4.1	~~B~~	J 1	ICPST	12/19/01	17:35
Calcium	317.93	12.2	5000	89900		1	ICPST	12/19/01	17:35
Chromium	267.72	1.1	5.0	30.5		1	ICPST	12/19/01	17:35
Cobalt	228.62	0.86	50.0	1.6	~~B~~	J 1	ICPST	12/19/01	17:35
Copper	324.75	0.77	25.0	28.0		1	ICPST	12/19/01	17:35
Iron	271.44	45.0	100	13400		1	ICPST	12/19/01	17:35
Lead	220.35	1.8	3.0	232		1	ICPST	12/19/01	17:35
Magnesium	279.08	7.1	5000	885	~~B~~	J 1	ICPST	12/19/01	17:35
Manganese	257.61	0.47	15.0	496		1	ICPST	12/19/01	17:35
Nickel	231.60	2.4	40.0	5.4	~~B~~	J 1	ICPST	12/19/01	17:35
Potassium	766.49	519	5000	28600		1	ICP	12/17/01	11:11
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	17:35
Silver	328.07	0.75	5.0	0.75	~~B~~	J 1	ICPST	12/19/01	17:35
Sodium	589	15.0	5000	48100		1	ICP	12/17/01	11:11
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	17:35
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	11:11
Vanadium	292.40	1.5	50.0	63.4		1	ICPST	12/19/01	17:35
Zinc	213.86	1.5	20.0	293		1	ICPST	12/19/01	17:35

Comments: Lot #: C1L010127 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQM **Client ID:** TM15-PZM011

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**220.35**	**4.1**	**10.0**	**4.6**	~~B~~	~~B~~ 1	**ICPST**	**12/19/01**	**17:44**
Arsenic	**189.04**	**2.0**	**10.0**	**12.1**		1	**ICPST**	**12/19/01**	**17:44**
Barium	**493.41**	**0.14**	**200**	**63.9**	~~B~~	~~B~~ 1	**ICPST**	**12/19/01**	**17:44**
Beryllium	**313.04**	**0.40**	**5.0**	**1.9**	~~B~~	~~B~~ 1	**ICPST**	**12/19/01**	**17:44**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	17:44
Chromium	**267.72**	**1.1**	**5.0**	**1.2**	~~B~~	~~B~~ 1	**ICPST**	**12/19/01**	**17:44**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	17:44
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	17:44
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/19/01	17:44
Nickel	**231.60**	**2.4**	**40.0**	**8.0**	~~B~~	~~J~~ 1	**ICPST**	**12/19/01**	**17:44**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	17:44
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	17:44
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	17:44
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	11:23
Vanadium	**292.40**	**1.5**	**50.0**	**33.5**	~~B~~	~~J~~ 1	**ICPST**	**12/19/01**	**17:44**
Zinc	**213.86**	**1.5**	**20.0**	**2.0**	~~B~~	~~B~~ 1	**ICPST**	**12/19/01**	**17:44**

Comments: Lot #: C1L010127 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQN **Client ID:** TM15-PZM011 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/19/01	17:57
Arsenic	**189.04**	**2.0**	**10.0**	**13.0**		**1**	**ICPST**	**12/19/01**	**17:57**
Barium	**493.41**	**0.14**	**200**	**65.9**	~~B~~ B	**1**	**ICPST**	**12/19/01**	**17:57**
Beryllium	**313.04**	**0.40**	**5.0**	**2.4**	~~B~~ B	**1**	**ICPST**	**12/19/01**	**17:57**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	17:57
Chromium	**267.72**	**1.1**	**5.0**	**1.5**	~~B~~ B	**1**	**ICPST**	**12/19/01**	**17:57**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	17:57
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	17:57
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/19/01	17:57
Nickel	**231.60**	**2.4**	**40.0**	**9.5**	~~B~~ J	**1**	**ICPST**	**12/19/01**	**17:57**
Selenium	**220.35**	**3.2**	**5.0**	**4.3**	~~B~~ J	**1**	**ICPST**	**12/19/01**	**17:57**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	17:57
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	17:57
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	11:26
Vanadium	**292.40**	**1.5**	**50.0**	**33.8**	~~B~~ J	**1**	**ICPST**	**12/19/01**	**17:57**
Zinc	**213.86**	**1.5**	**20.0**	**2.0**	~~B~~ B	**1**	**ICPST**	**12/19/01**	**17:57**

Comments: Lot #: C1L010127 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQP **Client ID:** TM15-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**220.35**	**4.1**	**10.0**	**5.4**	~~B~~	B 1	**ICPST**	**12/19/01**	**18:01**
Arsenic	**189.04**	**2.0**	**10.0**	**6.5**	~~B~~	J 1	**ICPST**	**12/19/01**	**18:01**
Barium	**493.41**	**0.14**	**200**	**43.7**	~~B~~	B 1	**ICPST**	**12/19/01**	**18:01**
Beryllium	**313.04**	**0.40**	**5.0**	**2.8**	~~B~~	B 1	**ICPST**	**12/19/01**	**18:01**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	18:01
Chromium	**267.72**	**1.1**	**5.0**	**1.4**	~~B~~	B 1	**ICPST**	**12/19/01**	**18:01**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	18:01
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	18:01
Lead	**220.35**	**1.8**	**3.0**	**1.9**	~~B~~	B 1	**ICPST**	**12/19/01**	**18:01**
Nickel	**231.60**	**2.4**	**40.0**	**3.8**	~~B~~	J 1	**ICPST**	**12/19/01**	**18:01**
Selenium	**220.35**	**3.2**	**5.0**	**6.4**		**1**	**ICPST**	**12/19/01**	**18:01**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	18:01
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	18:01
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	11:30
Vanadium	**292.40**	**1.5**	**50.0**	**318**		**1**	**ICPST**	**12/19/01**	**18:01**
Zinc	**213.86**	**1.5**	**20.0**	**4.1**	~~B~~	B1	**ICPST**	**12/19/01**	**18:01**

Comments: Lot #: C1L010127 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQQ **Client ID:** FM02-PZM002

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.8	~~B~~	B 1	ICPST	12/19/01	18:06
Arsenic	189.04	2.0	10.0	4.0	~~B~~	J 1	ICPST	12/19/01	18:06
Barium	493.41	0.14	200	33.7	~~B~~	B 1	ICPST	12/19/01	18:06
Beryllium	313.04	0.40	5.0	2.5	~~B~~	B 1	ICPST	12/19/01	18:06
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	18:06
Chromium	267.72	1.1	5.0	6.0		1	ICPST	12/19/01	18:06
Cobalt	228.62	0.86	50.0	112		1	ICPST	12/19/01	18:06
Copper	324.75	0.77	25.0	1.1	~~B~~	B 1	ICPST	12/19/01	18:06
Lead	220.35	1.8	3.0	4.6		1	ICPST	12/19/01	18:06
Nickel	231.60	2.4	40.0	193		1	ICPST	12/19/01	18:06
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	18:06
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	18:06
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	18:06
Tin	189.99	28.8	100	30.0	~~B~~	J 1	ICP	12/17/01	11:33
Vanadium	292.40	1.5	50.0	11.5	~~B~~	J 1	ICPST	12/19/01	18:06
Zinc	213.86	1.5	20.0	392		1	ICPST	12/19/01	18:06

Comments: Lot #: C1L010127 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQR **Client ID:** FM02-PZM033

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/19/01	18:10
Arsenic	**189.04**	**2.0**	**10.0**	**4.0**	~~B~~ J	1	ICPST	**12/19/01**	**18:10**
Barium	**493.41**	**0.14**	**200**	**156.**	~~B~~ J	1	ICPST	**12/19/01**	**18:10**
Beryllium	**313.04**	**0.40**	**5.0**	**2.0**	~~B~~ B	1	ICPST	**12/19/01**	**18:10**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	18:10
Calcium	**317.93**	**12.2**	**5000**	**39300**		**1**	ICPST	**12/19/01**	**18:10**
Chromium	**267.72**	**1.1**	**5.0**	**1.5**	~~B~~ B	1	ICPST	**12/19/01**	**18:10**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	18:10
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	18:10
Iron	**271.44**	**45.0**	**100**	**69600**		**1**	ICPST	**12/19/01**	**18:10**
Lead	**220.35**	**1.8**	**3.0**	**2.7**	~~B~~ B	1	ICPST	**12/19/01**	**18:10**
Magnesium	**279.08**	**7.1**	**5000**	**23800**		**1**	ICPST	**12/19/01**	**18:10**
Manganese	**257.61**	**0.47**	**15.0**	**5170**		**1**	ICPST	**12/19/01**	**18:10**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	18:10
Potassium	**766.49**	**519**	**5000**	**2360**	~~B~~ J	1	ICP	**12/17/01**	**11:36**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	18:10
Silver	**328.07**	**0.75**	**5.0**	**0.95**	~~B~~ J	1	ICPST	**12/19/01**	**18:10**
Sodium	**589**	**15.0**	**5000**	**71600**		**1**	ICP	**12/17/01**	**11:36**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	18:10
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	11:36
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	12/19/01	18:10
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	12/19/01	18:10

Comments: Lot #: C1L010127 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQV **Client ID:** TM03-PZM037

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	12/19/01	18:19
Arsenic	189.04	2.0	10.0	30.5		1	ICPST	12/19/01	18:19
Barium	493.41	0.14	200	158	~~B~~ J	1	ICPST	12/19/01	18:19
Beryllium	313.04	0.40	5.0	2.3	~~B~~ B	1	ICPST	12/19/01	18:19
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	18:19
Calcium	317.93	12.2	5000	71400		1	ICPST	12/19/01	18:19
Chromium	267.72	1.1	5.0	5.1		1	ICPST	12/19/01	18:19
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	18:19
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	18:19
Iron	271.44	45.0	100	75700		1	ICPST	12/19/01	18:19
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/19/01	18:19
Magnesium	279.08	7.1	5000	68400		1	ICPST	12/19/01	18:19
Manganese	257.61	0.47	15.0	2870		1	ICPST	12/19/01	18:19
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	18:19
Potassium	766.49	519	5000	22000		1	ICP	12/17/01	11:42
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	18:19
Silver	328.07	0.75	5.0	1.1	~~B~~ J	1	ICPST	12/19/01	18:19
Sodium	589	30.0	10000	550000		2	ICP	12/17/01	13:09
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	18:19
Tin	189.99	28.8	100	39.4	~~B~~ J	1	ICP	12/17/01	11:42
Vanadium	292.40	1.5	50.0	2.9	~~B~~ J	1	ICPST	12/19/01	18:19
Zinc	213.86	1.5	20.0	4.3	~~B~~ B	1	ICPST	12/19/01	18:19

Comments: Lot #: C1L010127 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWTJ **Client ID:** TM05-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.7	~~B~~ J	1	ICPST	12/19/01	18:24
Arsenic	189.04	2.0	10.0	4.1	~~B~~ J	1	ICPST	12/19/01	18:24
Barium	493.41	0.14	200	18.3	~~B~~ J	1	ICPST	12/19/01	18:24
Beryllium	313.04	0.40	5.0	3.7	~~B~~ B	1	ICPST	12/19/01	18:24
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	18:24
Chromium	267.72	1.1	5.0	1.2	~~B~~ J	1	ICPST	12/19/01	18:24
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	18:24
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	18:24
Lead	220.35	1.8	3.0	2.3	~~B~~ J	1	ICPST	12/19/01	18:24
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	18:24
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	18:24
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	18:24
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	18:24
Tin	189.99	28.8	100	28.9	~~B~~ J	1	ICP	12/17/01	11:45
Vanadium	292.40	1.5	50.0	1110		1	ICPST	12/19/01	18:24
Zinc	213.86	1.5	20.0	1.5	~~B~~ B	1	ICPST	12/19/01	18:24

Comments: Lot #: C1L040198 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWTQ **Client ID:** TM05-PZM040

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**220.35**	4.1	**10.0**	4.2	~~B~~ B	1	ICPST	12/19/01	18:28
Arsenic	**189.04**	2.0	**10.0**	3.6	~~B~~ J	1	ICPST	12/19/01	18:28
Barium	**493.41**	0.14	**200**	240		1	ICPST	12/19/01	18:28
Beryllium	**313.04**	0.40	**5.0**	2.6	~~B~~ B	1	ICPST	12/19/01	18:28
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	18:28
Chromium	**267.72**	1.1	**5.0**	2.7	~~B~~ J	1	ICPST	12/19/01	18:28
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	18:28
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	12/19/01	18:28
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/19/01	18:28
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	18:28
Selenium	**220.35**	3.2	**5.0**	3.8	~~B~~ J	1	ICPST	12/19/01	18:28
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	18:28
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	18:28
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	11:48
Vanadium	**292.40**	1.5	**50.0**	8.7	~~B~~ J	1	ICPST	12/19/01	18:28
Zinc	**213.86**	1.5	**20.0**	2.6	~~B~~ B	1	ICPST	12/19/01	18:28

Comments: Lot #: C1L040198 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQL **Client ID:** EQUIPMENT BLANK 5

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**220.35**	**4.1**	**10.0**	**4.5**	~~B~~ J	**1**	**ICPST**	**12/19/01**	**17:40**
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	12/19/01	17:40
Barium	**493.41**	**0.14**	**200**	**13.0**	~~B~~ J	**1**	**ICPST**	**12/19/01**	**17:40**
Beryllium	**313.04**	**0.40**	**5.0**	**1.4**	~~B~~ J	**1**	**ICPST**	**12/19/01**	**17:40**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	17:40
Chromium	**267.72**	**1.1**	**5.0**	**1.5**	~~B~~ J	**1**	**ICPST**	**12/19/01**	**17:40**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	17:40
Copper	**324.75**	**0.77**	**25.0**	**2.1**	~~B~~ J	**1**	**ICPST**	**12/19/01**	**17:40**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	12/19/01	17:40
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	17:40
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	17:40
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	12/19/01	17:40
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	17:40
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	11:14
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	12/19/01	17:40
Zinc	**213.86**	**1.5**	**20.0**	**6.1**	~~B~~ J	**1**	**ICPST**	**12/19/01**	**17:40**

Comments: Lot #: C1L010127 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQT **Client ID:** EQUIPMENT BLANK 4

Matrix: Water **Units:** ug/L **Prep Date:** 12/6/01 **Prep Batch:** 1340164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**220.35**	**4.1**	**10.0**	**5.1**	~~B~~ J	1	**ICPST**	**12/19/01**	**18:15**
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	12/19/01	18:15
Barium	**493.41**	**0.14**	**200**	**14.5**	~~B~~ J	1	**ICPST**	**12/19/01**	**18:15**
Beryllium	**313.04**	**0.40**	**5.0**	**1.5**	~~B~~ J	1	**ICPST**	**12/19/01**	**18:15**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	12/19/01	18:15
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	12/19/01	18:15
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	12/19/01	18:15
Copper	**324.75**	**0.77**	**25.0**	**2.9**	~~B~~ J	1	**ICPST**	**12/19/01**	**18:15**
Lead	**220.35**	**1.8**	**3.0**	**2.7**	~~B~~ J	1	**ICPST**	**12/19/01**	**18:15**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	12/19/01	18:15
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	12/19/01	18:15
Silver	**328.07**	**0.75**	**5.0**	**0.84**	~~B~~ J	1	**ICPST**	**12/19/01**	**18:15**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	12/19/01	18:15
Tin	189.99	28.8	100	28.8	U	1	ICP	12/17/01	11:39
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	12/19/01	18:15
Zinc	**213.86**	**1.5**	**20.0**	**6.6**	~~B~~ J	1	**ICPST**	**12/19/01**	**18:15**

Comments: Lot #: C1L010127 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ60 **Client ID:** TM18-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:20

Comments: Lot #: C1K300306 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ61 **Client ID:** FM04-PZM010

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:21

Comments: Lot #: C1K300306 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ63 **Client ID:** TM17-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:23

Comments: Lot #: C1K300306 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ64 **Client ID:** TM14-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:24

Comments: Lot #: C1K300306 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ67 **Client ID:** FM04-PZM037

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.063	B	1	CVAA	12/5/01	8:26

Comments: Lot #: C1K300306 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ68 **Client ID:** FM01-PZM041

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:27

Comments: Lot #: C1K300306 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ6V **Client ID:** FM05-PZM024

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:18

Comments: Lot #: C1K300306 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ7C **Client ID:** FM01-PZM041 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	~~B~~	B1	CVAA	12/5/01	8:34

Comments: Lot #: CIK300306 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQ7E **Client ID:** FM01-PZM003

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:36

Comments: Lot #: C1K300306 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQK **Client ID:** TM03-PZM004

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.23	B	1	CVAA	12/5/01	8:37

Comments: Lot #: C1L010127 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQL **Client ID:** EQUIPMENT BLANK 5

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:39

Comments: Lot #: C1L010127 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQM **Client ID:** TM15-PZM011

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.055	B	1	CVAA	12/5/01	8:40

Comments: Lot #: C1L010127 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQN **Client ID:** TM15-PZM011 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.075	B	B1	CVAA	12/5/01	8:42

Comments: Lot #: C1L010127 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQP **Client ID:** TM15-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:43

Comments: Lot #: C1L010127 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQQ **Client ID:** FM02-PZM002

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.063	B	1	CVAA	12/5/01	8:45

Comments: Lot #: C1L010127 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQR **Client ID:** FM02-PZM033

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:46

Comments: Lot #: C1L010127 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQT **Client ID:** EQUIPMENT BLANK 4

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:51

Comments: Lot #: C1L010127 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPRQV **Client ID:** TM03-PZM037

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:52

Comments: Lot #: C1L010127 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWTJ **Client ID:** TM05-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/5/01	8:54

Comments: Lot #: C1L040198 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPWTQ **Client ID:** TM05-PZM040

Matrix: Water **Units:** ug/L **Prep Date:** 12/5/01 **Prep Batch:** 1339099

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.061	B	1	CVAA	12/5/01	8:55

Comments: Lot #: C1L040198 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

CH2M Hill BS Sparrows Point

Bicarbonate Alkalinity

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 310.1
Lot Number: C1K300306
Date/Time Received: 11/30/01 9:50:00AM
SDG Number: SPC002

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
FM05-PZM024	001	EPQ6V1A4	103	mg/L	5.0	1	12/3/01 -12/3/01	1337376
FM01-PZM041	007	EPQ681AP	146	mg/L	5.0	1	12/3/01 -12/3/01	1337376
FM01-PZM041 DUP	008	EPQ7C1AF	150	mg/L	5.0	1	12/3/01 -12/3/01	1337376
FM01-PZM003	009	EPQ7E1AF	150	mg/L	5.0	1	12/3/01 -12/3/01	1337376
TM03-PZM004	001	EPRQK1A4	ND	mg/L	5.0	1	12/3/01 -12/3/01	1337376
FM02-PZM033	007	EPRQR1AF	163	mg/L	5.0	1	12/3/01 -12/3/01	1337376
TM03-PZM037	009	EPRQV1AF	200	mg/L	5.0	1	12/3/01 -12/3/01	1337376

SMT 2/1/02

CH2M Hill BS Sparrows Point

Available Cyanide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 1677 - Cyani
Lot Number: C1K300306
Date/Time Received: 11/30/01 9:50:00AM
SDG Number: SPC002

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
FM05-PZM024	001	EPQ6V1A0	0.19 J	mg/L	0.0020	1	12/5/01 -12/5/01	1339140
TM18-PZM005	002	EPQ601A0	1.2 J	mg/L	0.010	5	12/5/01 -12/5/01	1339140
FM04-PZM010	003	EPQ611AA	0.024 J	mg/L	0.0020	1	12/5/01 -12/5/01	1339140
TM17-PZM005	004	EPQ631AA	0.12 J	mg/L	0.0020	1	12/5/01 -12/5/01	1339140
TM14-PZM005	005	EPQ641AA	3.6 J	mg/L	0.050	25	12/5/01 -12/5/01	1339140
FM04-PZM037	006	EPQ671AA	0.013 J	mg/L	0.0020	1	12/5/01 -12/5/01	1339140
FM01-PZM041	007	EPQ681AA	0.028 J	mg/L	0.0020	1	12/5/01 -12/5/01	1339140
FM01-PZM041 DUP	008	EPQ7C1AA	0.030 J	mg/L	0.0020	1	12/5/01 -12/5/01	1339140
FM01-PZM003	009	EPQ7E1AA	0.0040 J B	mg/L	0.0020	1	12/5/01 -12/5/01	1339140
TM03-PZM004	001	EPRQK1A0	2.3 J	mg/L	0.020	10	12/5/01 -12/5/01	1339264
EQUIPMENT BLANK 5	002	EPRQL1A0	0.0020 J	mg/L	0.0020	1	12/5/01 -12/5/01	1339264
TM15-PZM011	003	EPRQM1AA	22.8 J K	mg/L	0.10	50	12/5/01 -12/5/01	1339264
TM15-PZM011 DUP	004	EPRQN1AA	22.9 J K	mg/L	0.10	50	12/5/01 -12/5/01	1339264
TM15-PZM007	005	EPRQP1AA	10.4 J K	mg/L	0.10	50	12/5/01 -12/5/01	1339264
FM02-PZM002	006	EPRQQ1AA	0.016 J K	mg/L	0.0020	1	12/5/01 -12/5/01	1339264
FM02-PZM033	007	EPRQR1AA	0.025 J K	mg/L	0.0020	1	12/5/01 -12/5/01	1339264
EQUIPMENT BLANK 4	008	EPRQT1AA	ND	mg/L	0.0020	1	12/5/01 -12/5/01	1339264
TM03-PZM037	009	EPRQV1AA	0.014 J K	mg/L	0.0020	1	12/5/01 -12/5/01	1339264
TM05-PZM005	001	EPWTJ1A0	0.0090 J K	mg/L	0.0020	1	12/5/01 -12/5/01	1339264
TM05-PZM040	002	EPWTQ1AA	0.043 J K	mg/L	0.0020	1	12/5/01 -12/5/01	1339264

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

CH2M Hill BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1K300306
Date/Time Received: 11/30/01 9:50:00AM
SDG Number: SPC002

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
FM05-PZM024	001	EPQ6V1A2	135	mg/L	1.0	1	12/4/01 -12/4/01	1338322
FM01-PZM041	007	EPQ681AH	1180	mg/L	10.0	10	12/7/01 -12/7/01	1338322
FM01-PZM041 DUP	008	EPQ7C1AD	1190	mg/L	10.0	10	12/4/01 -12/4/01	1338322
FM01-PZM003	009	EPQ7E1AD	1190	mg/L	10.0	10	12/4/01 -12/4/01	1338322
TM03-PZM004	001	EPRQK1A2	83.4	mg/L	1.0	1	12/4/01 -12/4/01	1338322
FM02-PZM033	007	EPRQR1AD	83.4	mg/L	1.0	1	12/4/01 -12/4/01	1338322
TM03-PZM037	009	EPRQV1AD	1130	mg/L	10.0	10	12/4/01 -12/4/01	1338322

smt 2/6/2002

CH2M Hill BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1K300306
Date/Time Received: 11/30/01 9:50:00AM
SDG Number: SPC002

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
FM05-PZM024	001	EPQ6V1A3	47.6	mg/L	1.0	1	12/4/01 - 12/4/01	1338323
FM01-PZM041	007	EPQ681AL	ND	mg/L	1.0	1	12/4/01 - 12/4/01	1338323
FM01-PZM041 DUP	008	EPQ7C1AE	ND	mg/L	1.0	1	12/4/01 - 12/4/01	1338323
FM01-PZM003	009	EPQ7E1AE	ND	mg/L	1.0	1	12/4/01 - 12/4/01	1338323
TM03-PZM004	001	EPRQK1A3	138	mg/L	1.0	1	12/4/01 - 12/4/01	1338323
FM02-PZM033	007	EPRQR1AE	118	mg/L	1.0	1	12/4/01 - 12/4/01	1338323
TM03-PZM037	009	EPRQV1AE	186	mg/L	10.0	10	12/4/01 - 12/4/01	1338323

smt 2/5/2002

CH2M Hill BS Sparrows Point

Total Sulfide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: SW846 9030B/9034
Lot Number: C1K300306
Date/Time Received: 11/30/01 9:50:00AM
SDG Number: SPC002

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
FM05-PZM024	001	EPQ6V1A1	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
TM18-PZM005	002	EPQ601A1	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
FM04-PZM010	003	EPQ611AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
TM17-PZM005	004	EPQ631AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
TM14-PZM005	005	EPQ641AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
FM04-PZM037	006	EPQ671AC	4.3	mg/L	1.0	1	12/3/01 -12/5/01	1337450
FM01-PZM041	007	EPQ681AE	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
FM01-PZM041 DUP	008	EPQ7C1AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
FM01-PZM003	009	EPQ7E1AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
TM03-PZM004	001	EPRQK1A1	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
EQUIPMENT BLANK 5	002	EPRQL1A1	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
TM15-PZM011	003	EPRQM1AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
TM15-PZM011 DUP	004	EPRQN1AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
TM15-PZM007	005	EPRQP1AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
FM02-PZM002	006	EPRQQ1AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
FM02-PZM033	007	EPRQR1AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
EQUIPMENT BLANK 4	008	EPRQT1AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
TM03-PZM037	009	EPRQV1AC	ND	mg/L	1.0	1	12/3/01 -12/5/01	1337450
TM05-PZM005	001	EPWTJ1A1	2.0	mg/L	1.0	1	12/6/01 -12/6/01	1340181
TM05-PZM040	002	EPWTQ1AC	ND	mg/L	1.0	1	12/6/01 -12/6/01	1340181

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPA001
Matrix: Ground Water
Report Date: 2/7/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, and polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/22/2000
Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

The chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

5.0 *INSTRUMENT PERFORMANCE*

All criteria were met. No qualifiers were applied.

5.0 *INITIAL AND CONTINUING CALIBRATIONS*

Quantitation limits reported for acrylonitrile, 1,4-dioxane, and propionitrile for the samples have been rejected, and should be considered suspect. The relative responses factors for acetonitrile, 1,4-dioxane, and isobutanol were below 0.05 for the associated initial calibration standards. The poor response indicates a lack of instrument sensitivity for these compounds. Quantitation limits have been marked "R" to indicate that they are suspect.

Quantitation limits reported for the samples presented on page 4 have been rejected, and should be considered suspect. The relative responses factors for these compounds were below 0.05 for the associated continuing calibration standards. The poor response indicates a lack of instrument sensitivity for these compounds. Quantitation limits have been marked "R" to indicate that they are suspect.

Compound	Qualified Results
Bromomethane	CP09-PZM04-01C, CP09-PZM04-01C DUP, CP09-PZM010-01C, TM09-PZM007-01C, TM09-PZM007A-01C, TM13-PZM007A-01C, TM13-PZM046A-01C
Iodomethane	TM08-PZM038-01C DUP, TM09-PZM047-01C, TM13-PZM007-01C, TM13-PZM046-01C

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

There was no trip blank submitted with the samples shipped on 12/4/2001. Therefore, the data for associated samples could not be evaluated based on this parameter. This should be noted when assessing the data.

The positive results reported for samples presented below are qualitatively invalid due to the presence of these compounds in associated laboratory method and/or field blanks. USEPA Region III protocol requires positive results for common contaminants, such as acetone or methylene chloride, that are less than or equal to ten times the associated blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the results for the samples has indicated this.

Compound	Qualified Results
Acetone	TM09-PZM007-01C, TM09-PZM007A-01C, TM13-PZM007A-01C
Methylene Chloride	TM08-PZM03-01C DUP

7.0 *SURROGATE COMPOUNDS*

All criteria were met. No qualifiers were applied.

8.0 *MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY*

All criteria were met. No qualifiers were applied.

9.0 *FIELD DUPLICATE RESULTS*

Duplicate sample pairs CP09-PZM010-01C and CP09-PZM010-01C DUP, and TM08-PZ038 and TM08-PZ038 DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. Results for these duplicate samples are presented in Tables 2 and 3. Precision is evaluated by calculating the relative percent difference (%RPD) between duplicate pair results. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criteria of twenty percent for volatile detected compounds (and 25 percent for extractable compounds) to evaluate aqueous field duplicate samples.

10.0 *LABORATORY CONTROL SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

11.0 *INTERNAL STANDARD PERFORMANCE*

All criteria were met. No qualifiers were applied.

12.0 *QUALITATIVE IDENTIFICATION*

All criteria were met. No qualifiers were applied.

13.0 *QUANTITATION/REPORTING LIMITS*

The samples presented on page 6 were re-analyzed at dilutions for volatile or semivolatile organic compounds. The dilution analyses were performed because responses for these compounds exceeded the linear

range of the GC/MS instrument. The results for the affected compounds have been reported from the diluted analysis. All other results have been reported from the initial analysis.

Sample	Fraction	Dilution Factor	Compound Reported From Dilution Analysis
CP09-PZM04-01C	VOA	5.0	Acetone
CP09-PZM04-01C DUP	VOA	25.0	Acetone
CP09-PZM010-01C	VOA	2.0	Acetone
	SVOA	3.0	Naphthalene, Phenol
TM08-PZM038-01C	SVOA	2.0	2,4-Dimethylphenol
TM08-PZM038-01C DUP	SVOA	2.0	2,4-Dimethylphenol
TM09-PZM007-01C	SVOA	30.0	2,4-Dimethylphenol, 4-Methylphenol, Phenol
TM09-PZM047-01C	SVOA	125	2,4-Dimethylphenol, 4-Methylphenol, Phenol
TM13-PZM007-01C	SVOA	5.0	Naphthalene

The samples presented on page 7 were analyzed at dilutions. The dilution analyses were performed because of the suspected presence of high levels of target compounds and/or interferences. Quantitation limits are elevated by the dilution factor for these samples for target compounds that were not detected. The elevated quantitation limits should be noted when assessing the data for these samples.

Sample	Fraction	Dilution Factor
CP09-PZM047-01C DUP	VOA	5.0
TM09-PZM047-01C	SVOA	5.0

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits (QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLCQ1AA Date Extracted:11/30/01
Dilution factor: 1 Date Analyzed: 11/30/01

QC Batch: 1334154

Client Sample Id: TM08-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	3.0	U	
67-64-1	Acetone	10	U	
75-05-8	Acetonitrile	20	~~U~~	RU
107-02-8	Acrolein	20	U	
107-13-1	Acrylonitrile	20	~~U~~	R
107-05-1	Allyl chloride	1.0	U	
71-43-2	Benzene	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
75-25-2	Bromoform	1.0	U	
74-83-9	Bromomethane	2.0	U	
78-93-3	2-Butanone (MEK)	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
74-87-3	Chloromethane	2.0	U	
126-99-8	Chloroprene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	
74-95-3	Dibromomethane	1.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U	
75-71-8	Dichlorodifluoromethane	2.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	

SMM 2/8/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLCQ1AA Date Extracted:11/30/01
Dilution factor: 1 Date Analyzed: 11/30/01

QC Batch: 1334154

Client Sample Id: TM08-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	U	~~J~~
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	~~U~~	R
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SM

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLCR1AA Date Extracted:11/30/01
Dilution factor: 1 Date Analyzed: 11/30/01

QC Batch: 1334154

Client Sample Id: TM08-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U
67-64-1	Acetone	3.2	J
75-05-8	Acetonitrile	20	~~U~~ R U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	20	~~U~~ R
107-05-1	Allyl chloride	1.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone (MEK)	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
126-99-8	Chloroprene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
74-95-3	Dibromomethane	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLCR1AA Date Extracted:11/30/01
Dilution factor: 1 Date Analyzed: 11/30/01

QC Batch: 1334154

Client Sample Id: TM08-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	U	J
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	**Methylene chloride**	**0.85**	~~1.8~~	B
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	~~U~~	R
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLCV1AA Date Extracted:11/30/01
Dilution factor: 1 Date Analyzed: 11/30/01

QC Batch: 1334154

Client Sample Id: TM08-PZM038DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U
67-64-1	Acetone	3.1	J
75-05-8	Acetonitrile	20	~~U~~ R U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	20	~~U~~ R
107-05-1	Allyl chloride	1.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone (MEK)	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
126-99-8	Chloroprene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
74-95-3	Dibromomethane	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U

SMM 2/4/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLCV1AA Date Extracted:11/30/01
Dilution factor: 1 Date Analyzed: 11/30/01

QC Batch: 1334154

Client Sample Id: TM08-PZM038DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	U	J
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	0.70	~~J B~~	B
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	~~U~~	R
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SMK 2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLHW1AA Date Extracted:11/30/01
Dilution factor: 1 Date Analyzed: 11/30/01

QC Batch: 1334154

Client Sample Id: Trip Blank

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U
67-64-1	Acetone	10	U
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	20	U
107-05-1	Allyl chloride	1.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone (MEK)	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
126-99-8	Chloroprene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
74-95-3	Dibromomethane	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U

smt 2/4/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/28/01
Work Order: EPLHW1AA Date Extracted:11/30/01
Dilution factor: 1 Date Analyzed: 11/30/01

QC Batch: 1334154

Client Sample Id: Trip Blank

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
123-91-1	1,4-Dioxane	200	U
100-41-4	Ethylbenzene	1.0	U
97-63-2	Ethyl methacrylate	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	1.0	U
78-83-1	Isobutyl alcohol	40	U
126-98-7	Methacrylonitrile	1.0	U
75-09-2	Methylene chloride	1.3	J B
80-62-6	Methyl methacrylate	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U
107-12-0	Propionitrile	2.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	2.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
108-05-4	Vinyl acetate	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFL1AA Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01

QC Batch: 1338543

Client Sample Id: ~~TM13-PZM046~~
TM13-PZM046A
1117102 AC0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	3.0	U	
67-64-1	Acetone	10	U	
75-05-8	Acetonitrile	20	U	
107-02-8	Acrolein	20	U	
107-13-1	Acrylonitrile	20	~~U~~ R	R
107-05-1	Allyl chloride	1.0	U	
71-43-2	Benzene	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
75-25-2	Bromoform	1.0	U	
74-83-9	Bromomethane	2.0	~~U~~ R	R
78-93-3	2-Butanone (MEK)	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
74-87-3	Chloromethane	2.0	U	
126-99-8	Chloroprene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	
74-95-3	Dibromomethane	1.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U	
75-71-8	Dichlorodifluoromethane	2.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	

smk 2/8/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFL1AA Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01

QC Batch: 1338543

Client Sample Id: ~~TM13-PZM046~~ TM13-PZM046A

1/17/02 AED

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~ R	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	U	
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	~~U~~ R	R
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFM1AA Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01

QC Batch: 1338543

Client Sample Id: ~~TM13-PZM007~~
TM13-PZM007A
1/17/02 ACO

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	1.8	J	
67-64-1	Acetone	4.4	~~J~~	B
75-05-8	Acetonitrile	20	~~U~~	R U
107-02-8	Acrolein	20	U	
107-13-1	Acrylonitrile	20	~~U~~	R
107-05-1	Allyl chloride	1.0	U	
71-43-2	Benzene	4.5		
75-27-4	Bromodichloromethane	1.0	U	
75-25-2	Bromoform	1.0	U	
74-83-9	Bromomethane	2.0	~~U~~	R
78-93-3	2-Butanone (MEK)	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
74-87-3	Chloromethane	2.0	U	
126-99-8	Chloroprene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	
74-95-3	Dibromomethane	1.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U	
75-71-8	Dichlorodifluoromethane	2.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	

SMT 2/4/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFM1AA Date Extracted:12/05/01
Dilution factor: 1 Date Analyzed: 12/05/01

QC Batch: 1338543

Client Sample Id: ~~TM13-PZM007~~ TM13-PZM007A 11/7/02 ACO

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	U	
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	~~U~~	R
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.3		
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WA Lab Sample ID: C1K300226 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFP1AA Date Extracted: 12/04/01
Dilution factor: 1 Date Analyzed: 12/04/01

QC Batch: 1338543

Client Sample Id: TM09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	1.9	J	
67-64-1	Acetone	4.5	~~J~~	B
75-05-8	Acetonitrile	20	~~U~~	R U
107-02-8	Acrolein	20	U	
107-13-1	Acrylonitrile	20	~~U~~	R
107-05-1	Allyl chloride	1.0	U	
71-43-2	Benzene	4.5		
75-27-4	Bromodichloromethane	1.0	U	
75-25-2	Bromoform	1.0	U	
74-83-9	Bromomethane	2.0	~~U~~	R
78-93-3	2-Butanone (MEK)	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
74-87-3	Chloromethane	2.0	U	
126-99-8	Chloroprene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	
74-95-3	Dibromomethane	1.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U	
75-71-8	Dichlorodifluoromethane	2.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	

SMR 2/8/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFP1AA Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/04/01

QC Batch: 1338543

Client Sample Id: TM09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
123-91-1	1,4-Dioxane	200	~~U~~ R
100-41-4	Ethylbenzene	1.0	U
97-63-2	Ethyl methacrylate	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	1.0	U
78-83-1	Isobutyl alcohol	40	U
126-98-7	Methacrylonitrile	1.0	U
75-09-2	Methylene chloride	2.0	U
80-62-6	Methyl methacrylate	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U
107-12-0	Propionitrile	2.0	~~U~~ R
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	1.3	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	2.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
108-05-4	Vinyl acetate	1.0	U
75-01-4	Vinyl chloride	2.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFQ1AA Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/04/01

QC Batch: 1338543

Client Sample Id: ~~TM09-PZM047~~ TM09-PZM047A 1/17/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	3.0	U	
67-64-1	Acetone	7.2	~~U~~	B R U
75-05-8	Acetonitrile	20	~~U~~	
107-02-8	Acrolein	20	U	
107-13-1	Acrylonitrile	20	~~U~~	R
107-05-1	Allyl chloride	1.0	U	
71-43-2	Benzene	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
75-25-2	Bromoform	1.0	U	
74-83-9	Bromomethane	2.0	~~U~~	R
78-93-3	2-Butanone (MEK)	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
74-87-3	Chloromethane	2.0	U	
126-99-8	Chloroprene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	
74-95-3	Dibromomethane	1.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U	
75-71-8	Dichlorodifluoromethane	2.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	

SMK 2/8/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFQ1AA Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/04/01

QC Batch: 1338543

Client Sample Id: ~~TM09-PZM047~~
TM09-PZM047A
1/17/02 AED

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~ R	
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	U	
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	~~U~~ R	
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP06X1AH Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347521

Client Sample Id: TM09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U
67-64-1	Acetone	10	
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	20	~~U~~ R
107-05-1	Allyl chloride	1.0	U
71-43-2	Benzene	0.38	J
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	~~U~~ R U
78-93-3	2-Butanone (MEK)	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
126-99-8	Chloroprene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
74-95-3	Dibromomethane	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP06X1AH Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347521

Client Sample Id: TM09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	~~U~~	R
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	~~U~~	R
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFT1AA Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/04/01

QC Batch: 1338543

Client Sample Id: ~~HI02-PZM032~~
HI02-PZM032A
1/17/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	3.0	U	
67-64-1	Acetone	10	U	
75-05-8	Acetonitrile	20	U	
107-02-8	Acrolein	20	U	
107-13-1	Acrylonitrile	20	~~U~~	R
107-05-1	Allyl chloride	1.0	U	
71-43-2	Benzene	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
75-25-2	Bromoform	1.0	U	
74-83-9	Bromomethane	2.0	~~U~~	R
78-93-3	2-Butanone (MEK)	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
74-87-3	Chloromethane	2.0	U	
126-99-8	Chloroprene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	
74-95-3	Dibromomethane	1.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U	
75-71-8	Dichlorodifluoromethane	2.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	3.2		
156-60-5	trans-1,2-Dichloroethene	1.0	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFT1AA Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/04/01

QC Batch: 1338543

Client Sample Id: ~~HI02-PZM032~~ HI02-PZM032A 1/17/02 ACO

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	U	
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	~~U~~	R
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	**Trichloroethene**	0.32	J	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SMT 2/4/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFW1AA Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/04/01

QC Batch: 1338543

Client Sample Id: EQUIPMENT BLANK 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U
67-64-1	Acetone	3.1	J
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	20	U
107-05-1	Allyl chloride	1.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone (MEK)	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
126-99-8	Chloroprene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
74-95-3	Dibromomethane	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFW1AA Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/04/01

QC Batch: 1338543

Client Sample Id: EQUIPMENT BLANK 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
123-91-1	1,4-Dioxane	200	U
100-41-4	Ethylbenzene	1.0	U
97-63-2	Ethyl methacrylate	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	1.0	U
78-83-1	Isobutyl alcohol	40	U
126-98-7	Methacrylonitrile	1.0	U
75-09-2	Methylene chloride	2.0	U
80-62-6	Methyl methacrylate	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U
107-12-0	Propionitrile	2.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	2.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
108-05-4	Vinyl acetate	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFX1AA Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/04/01

QC Batch: 1338543

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U
67-64-1	Acetone	10	U
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	20	U
107-05-1	Allyl chloride	1.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone (MEK)	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
126-99-8	Chloroprene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
74-95-3	Dibromomethane	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 11/29/01
Work Order: EPQFX1AA Date Extracted:12/04/01
Dilution factor: 1 Date Analyzed: 12/04/01

QC Batch: 1338543

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
123-91-1	1,4-Dioxane	200	U
100-41-4	Ethylbenzene	1.0	U
97-63-2	Ethyl methacrylate	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	1.0	U
78-83-1	Isobutyl alcohol	40	U
126-98-7	Methacrylonitrile	1.0	U
75-09-2	Methylene chloride	2.0	U
80-62-6	Methyl methacrylate	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U
107-12-0	Propionitrile	2.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	2.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
108-05-4	Vinyl acetate	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP06K1AF Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347521

Client Sample Id: TM13-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	**Xylenes (total)**	**0.88**	**J**
67-64-1	**Acetone**	**3.7**	**J**
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	20	~~U~~ R
107-05-1	**Allyl chloride**	**0.88**	**J**
71-43-2	**Benzene**	**3.2**	
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone (MEK)	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
126-99-8	Chloroprene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
74-95-3	Dibromomethane	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U

smk 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP06K1AF Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347521

Client Sample Id: TM13-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	~~U~~	R
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	~~U~~	R
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	**Toluene**	**0.91**	J	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

smm 2/8/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP06V1AH Date Extracted:12/14/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1348212

Client Sample Id: TM13-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U
67-64-1	Acetone	10	U
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	20	U R
107-05-1	Allyl chloride	1.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone (MEK)	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
126-99-8	Chloroprene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
74-95-3	Dibromomethane	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U

SML 2/8/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP06V1AH Date Extracted:12/14/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1348212

Client Sample Id: TM13-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	~~U~~	R
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	~~U~~	R
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP0601AH Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347521

Client Sample Id: HI02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U
67-64-1	Acetone	5.2	J
71-43-2	Benzene	1.2	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone (MEK)	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	0.47	J
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U

SMK 1/9/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/05/01
Work Order: EP0601AH Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347521

Client Sample Id: HI02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-01-4	Vinyl chloride	2.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP54E1AP Date Extracted:12/13/01
Dilution factor: 5 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: CP09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	15	U	R
67-64-1	Acetone	250		R
75-05-8	Acetonitrile	100		
107-02-8	Acrolein	100	U	
107-13-1	Acrylonitrile	100	U	
107-05-1	Allyl chloride	5.0	U	
71-43-2	Benzene	5.0	U	
75-27-4	Bromodichloromethane	5.0	U	
75-25-2	Bromoform	5.0	U	
74-83-9	Bromomethane	10	U	
78-93-3	2-Butanone (MEK)	25	U	
75-15-0	Carbon disulfide	5.0	U	
56-23-5	Carbon tetrachloride	5.0	U	
108-90-7	Chlorobenzene	5.0	U	
75-00-3	Chloroethane	10	U	
67-66-3	Chloroform	5.0	U	
74-87-3	Chloromethane	10	U	
126-99-8	Chloroprene	5.0	U	
124-48-1	Dibromochloromethane	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	
106-93-4	1,2-Dibromoethane (EDB)	5.0	U	
74-95-3	Dibromomethane	5.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	
75-71-8	Dichlorodifluoromethane	10	U	
75-34-3	1,1-Dichloroethane	5.0	U	
107-06-2	1,2-Dichloroethane	5.0	U	
75-35-4	1,1-Dichloroethene	5.0	U	
156-60-5	trans-1,2-Dichloroethene	5.0	U	

smt 2/8/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP54E1AP Date Extracted:12/13/01
Dilution factor: 5 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: CP09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
123-91-1	1,4-Dioxane	1000	U
100-41-4	Ethylbenzene	5.0	U
97-63-2	Ethyl methacrylate	5.0	U
591-78-6	2-Hexanone	25	U
74-88-4	Iodomethane	5.0	U
78-83-1	Isobutyl alcohol	200	U
126-98-7	Methacrylonitrile	5.0	U
75-09-2	Methylene chloride	10	U
80-62-6	Methyl methacrylate	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	25	U
107-12-0	Propionitrile	10	U
100-42-5	Styrene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-69-4	Trichlorofluoromethane	10	U
96-18-4	1,2,3-Trichloropropane	5.0	U
108-05-4	Vinyl acetate	5.0	U
75-01-4	Vinyl chloride	10	U

R

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP54E2AP Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: CP09-PZM047 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	3.0	U	
67-64-1	Acetone	170	~~E~~	R
75-05-8	Acetonitrile	20	U	
107-02-8	Acrolein	20	U	
107-13-1	Acrylonitrile	20	~~U~~	R
107-05-1	Allyl chloride	1.0	U	
71-43-2	Benzene	0.65	J	
75-27-4	Bromodichloromethane	1.0	U	
75-25-2	Bromoform	1.0	U	
74-83-9	Bromomethane	2.0	~~U~~	R
78-93-3	2-Butanone (MEK)	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
74-87-3	Chloromethane	2.0	U	
126-99-8	Chloroprene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	
74-95-3	Dibromomethane	1.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U	
75-71-8	Dichlorodifluoromethane	2.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	

smk 12/20/01

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP54E2AP Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: CP09-PZM047 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	U	R
100-41-4	Ethylbenzene	1.0	U	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	U	R
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	
107-12-0	Propionitrile	2.0	U	R
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	**Toluene**	**0.50**	J	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP54W1AJ Date Extracted:12/13/01
Dilution factor: 5 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: CP09-PZM047 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	15	U	
67-64-1	Acetone	1100	E	R
75-05-8	Acetonitrile	100	U	
107-02-8	Acrolein	100	U	
107-13-1	Acrylonitrile	100	U	R
107-05-1	Allyl chloride	5.0	U	
71-43-2	Benzene	5.0	U	
75-27-4	Bromodichloromethane	5.0	U	
75-25-2	Bromoform	5.0	U	
74-83-9	Bromomethane	10	U	R
78-93-3	2-Butanone (MEK)	25	U	
75-15-0	Carbon disulfide	5.0	U	
56-23-5	Carbon tetrachloride	5.0	U	
108-90-7	Chlorobenzene	5.0	U	
75-00-3	Chloroethane	10	U	
67-66-3	Chloroform	5.0	U	
74-87-3	Chloromethane	10	U	
126-99-8	Chloroprene	5.0	U	
124-48-1	Dibromochloromethane	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	
106-93-4	1,2-Dibromoethane (EDB)	5.0	U	
74-95-3	Dibromomethane	5.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	
75-71-8	Dichlorodifluoromethane	10	U	
75-34-3	1,1-Dichloroethane	5.0	U	
107-06-2	1,2-Dichloroethane	5.0	U	
75-35-4	1,1-Dichloroethene	5.0	U	
156-60-5	trans-1,2-Dichloroethene	5.0	U	

SM 2/6/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP54W1AJ Date Extracted:12/13/01
Dilution factor: 5 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: CP09-PZM047 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
123-91-1	1,4-Dioxane	1000	~~U~~ R
100-41-4	Ethylbenzene	5.0	U
97-63-2	Ethyl methacrylate	5.0	U
591-78-6	2-Hexanone	25	U
74-88-4	Iodomethane	5.0	~~U~~ R
78-83-1	Isobutyl alcohol	200	U
126-98-7	Methacrylonitrile	5.0	U
75-09-2	Methylene chloride	10	U
80-62-6	Methyl methacrylate	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	25	U
107-12-0	Propionitrile	10	~~U~~ R
100-42-5	Styrene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-69-4	Trichlorofluoromethane	10	U
96-18-4	1,2,3-Trichloropropane	5.0	U
108-05-4	Vinyl acetate	5.0	U
75-01-4	Vinyl chloride	10	U

SMK 2/8/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP54W2AJ Date Extracted:12/13/01
Dilution factor: 25 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: CP09-PZM047 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	75	
67-64-1	Acetone	990	
75-05-8	Acetonitrile	500	
107-02-8	Acrolein	500	
107-13-1	Acrylonitrile	500	
107-05-1	Allyl chloride	25	
71-43-2	Benzene	25	
75-27-4	Bromodichloromethane	25	
75-25-2	Bromoform	25	
74-83-9	Bromomethane	50	
78-93-3	2-Butanone (MEK)	120	
75-15-0	Carbon disulfide	25	
56-23-5	Carbon tetrachloride	25	
108-90-7	Chlorobenzene	25	
75-00-3	Chloroethane	50	
67-66-3	Chloroform	25	
74-87-3	Chloromethane	50	
126-99-8	Chloroprene	25	
124-48-1	Dibromochloromethane	25	
96-12-8	1,2-Dibromo-3-chloropropane	25	
106-93-4	1,2-Dibromoethane (EDB)	25	
74-95-3	Dibromomethane	25	
110-57-6	trans-1,4-Dichloro-2-butene	25	
75-71-8	Dichlorodifluoromethane	50	
75-34-3	1,1-Dichloroethane	25	
107-06-2	1,2-Dichloroethane	25	
75-35-4	1,1-Dichloroethene	25	
156-60-5	trans-1,2-Dichloroethene	25	

R
R

SMK 2/8/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP54W2AJ Date Extracted:12/13/01
Dilution factor: 25 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: CP09-PZM047 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	25	U	R
10061-01-5	cis-1,3-Dichloropropene	25	U	
10061-02-6	trans-1,3-Dichloropropene	25	U	
123-91-1	1,4-Dioxane	5000	U	
100-41-4	Ethylbenzene	25	U	
97-63-2	Ethyl methacrylate	25	U	
591-78-6	2-Hexanone	120	U	
74-88-4	Iodomethane	25	U	
78-83-1	Isobutyl alcohol	1000	U	
126-98-7	Methacrylonitrile	25	U	
75-09-2	Methylene chloride	50	U	
80-62-6	Methyl methacrylate	25	U	
108-10-1	4-Methyl-2-pentanone (MIBK)	120	U	
107-12-0	Propionitrile	50	U	
100-42-5	Styrene	25	U	
630-20-6	1,1,1,2-Tetrachloroethane	25	U	
79-34-5	1,1,2,2-Tetrachloroethane	25	U	
127-18-4	Tetrachloroethene	25	U	
108-88-3	Toluene	25	U	
71-55-6	1,1,1-Trichloroethane	25	U	
79-00-5	1,1,2-Trichloroethane	25	U	
79-01-6	Trichloroethene	25	U	
75-69-4	Trichlorofluoromethane	50	U	
96-18-4	1,2,3-Trichloropropane	25	U	
108-05-4	Vinyl acetate	25	U	
75-01-4	Vinyl chloride	50	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5441AF Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: CP09-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	**Xylenes (total)**	4.2		
67-64-1	**Acetone**	96	~~B~~	R
75-05-8	Acetonitrile	20	U	
107-02-8	Acrolein	20	U	
107-13-1	Acrylonitrile	20	~~U~~	R
107-05-1	Allyl chloride	1.0	U	
71-43-2	**Benzene**	15		
75-27-4	Bromodichloromethane	1.0	U	
75-25-2	Bromoform	1.0	U	
74-83-9	Bromomethane	2.0	~~U~~	R
78-93-3	**2-Butanone (MEK)**	9.0		
75-15-0	**Carbon disulfide**	2.1		
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
74-87-3	Chloromethane	2.0	U	
126-99-8	Chloroprene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	
74-95-3	Dibromomethane	1.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U	
75-71-8	Dichlorodifluoromethane	2.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	

SMT 2/6/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5441AF Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: CP09-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
123-91-1	1,4-Dioxane	200	~~U~~	R
100-41-4	**Ethylbenzene**	**0.37**	J	
97-63-2	Ethyl methacrylate	1.0	U	
591-78-6	2-Hexanone	5.0	U	
74-88-4	Iodomethane	1.0	~~U~~	R
78-83-1	Isobutyl alcohol	40	U	
126-98-7	Methacrylonitrile	1.0	U	
75-09-2	Methylene chloride	2.0	U	
80-62-6	Methyl methacrylate	1.0	U	
108-10-1	**4-Methyl-2-pentanone (MIBK)**	**1.1**	J	
107-12-0	Propionitrile	2.0	~~U~~	R
100-42-5	**Styrene**	**0.36**	J	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	**Toluene**	**3.3**		
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-69-4	Trichlorofluoromethane	2.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
108-05-4	Vinyl acetate	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

smk 2/8/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5442AF Date Extracted:12/13/01
Dilution factor: 2 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347521

Client Sample Id: CP09-PZM010 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	3.5	J	R
67-64-1	Acetone	120		
75-05-8	Acetonitrile	40	U	R
107-02-8	Acrolein	40	U	
107-13-1	Acrylonitrile	40	U	
107-05-1	Allyl chloride	2.0	U	
71-43-2	Benzene	13		
75-27-4	Bromodichloromethane	2.0	U	
75-25-2	Bromoform	2.0	U	
74-83-9	Bromomethane	4.0	U	
78-93-3	2-Butanone (MEK)	12		
75-15-0	Carbon disulfide	2.0	U	
56-23-5	Carbon tetrachloride	2.0	U	
108-90-7	Chlorobenzene	2.0	U	
75-00-3	Chloroethane	4.0	U	
67-66-3	Chloroform	2.0	U	
74-87-3	Chloromethane	4.0	U	
126-99-8	Chloroprene	2.0	U	
124-48-1	Dibromochloromethane	2.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U	
106-93-4	1,2-Dibromoethane (EDB)	2.0	U	
74-95-3	Dibromomethane	2.0	U	
110-57-6	trans-1,4-Dichloro-2-butene	2.0	U	
75-71-8	Dichlorodifluoromethane	4.0	U	
75-34-3	1,1-Dichloroethane	2.0	U	
107-06-2	1,2-Dichloroethane	2.0	U	
75-35-4	1,1-Dichloroethene	2.0	U	
156-60-5	trans-1,2-Dichloroethene	2.0	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5442AF Date Extracted:12/13/01
Dilution factor: 2 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347521

Client Sample Id: CP09-PZM010 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
123-91-1	1,4-Dioxane	400	U
100-41-4	Ethylbenzene	2.0	U
97-63-2	Ethyl methacrylate	2.0	U
591-78-6	2-Hexanone	10	U
74-88-4	Iodomethane	2.0	U
78-83-1	Isobutyl alcohol	80	U
126-98-7	Methacrylonitrile	2.0	U
75-09-2	Methylene chloride	4.0	U
80-62-6	Methyl methacrylate	2.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U
107-12-0	Propionitrile	4.0	U
100-42-5	Styrene	2.0	U
630-20-6	1,1,1,2-Tetrachloroethane	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
108-88-3	**Toluene**	**2.8**	
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
79-01-6	Trichloroethene	2.0	U
75-69-4	Trichlorofluoromethane	4.0	U
96-18-4	1,2,3-Trichloropropane	2.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	4.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP55E1AJ Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U
67-64-1	Acetone	10	U
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	20	U
107-05-1	Allyl chloride	1.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone (MEK)	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
126-99-8	Chloroprene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
74-95-3	Dibromomethane	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U

SMK 2/19/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP55E1AJ Date Extracted:12/13/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1347150

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
123-91-1	1,4-Dioxane	200	U
100-41-4	Ethylbenzene	1.0	U
97-63-2	Ethyl methacrylate	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	1.0	U
78-83-1	Isobutyl alcohol	40	U
126-98-7	Methacrylonitrile	1.0	U
75-09-2	Methylene chloride	2.0	U
80-62-6	Methyl methacrylate	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U
107-12-0	Propionitrile	2.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	2.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
108-05-4	Vinyl acetate	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLCQ1AC Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM08-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	5.7	J
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

SMK 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLCQ1AC Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM08-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
87-65-0	2,6-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
119-93-7	3,3'-Dimethylbenzidine	50	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
105-67-9	2,4-Dimethylphenol	5.2	J
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
99-65-0	1,3-Dinitrobenzene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
1888-71-7	Hexachloropropene	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLCQ1AC Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM08-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	**4-Methylphenol**	**4.0**	J
91-20-3	Naphthalene	10	U
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 001

Sample WT/Vol: 1000 / mL
Work Order: EPLCQ1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM08-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	Phenanthrene	0.60	J
108-95-2	Phenol	1.5	J
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 001

Sample WT/Vol: 1000 / mL
Work Order: EPLCQ1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM08-PZM007

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L or ug/kg) ug/L	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1K280204 002

Sample WT/Vol: 1000 / mL
Work Order: EPLCR1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted: 11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

SMK 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLCR1AC Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM08-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
91-94-1	3,3'-Dichlorobenzidine	50	U	
120-83-2	2,4-Dichlorophenol	10	U	
87-65-0	2,6-Dichlorophenol	10	U	
84-66-2	Diethyl phthalate	10	U	
60-11-7	p-Dimethylaminoazobenzene	20	U	
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U	
119-93-7	3,3'-Dimethylbenzidine	50	U	
122-09-8	alpha,alpha-Dimethylphenethy	50	U	
105-67-9	2,4-Dimethylphenol	140	R	R
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
99-65-0	1,3-Dinitrobenzene	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
88-85-7	Dinoseb	20	U	
122-39-4	Diphenylamine	10	U	
62-50-0	Ethyl methanesulfonate	10	U	
206-44-0	Fluoranthene	10	U	
86-73-7	Fluorene	10	U	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
1888-71-7	Hexachloropropene	100	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 002

Sample WT/Vol: 1000 / mL
Work Order: EPLCR1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	**2-Methylphenol**	**3.2**	**J**
106-44-5	**4-Methylphenol**	**41**	
91-20-3	**Naphthalene**	**1.3**	**J**
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Lab Sample ID:C1K280204 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Date Received: 11/28/01
Work Order: EPLCR1AC
Date Extracted:11/29/01
Dilution factor: 1
Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM08-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	11	
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 002

Sample WT/Vol: 1000 / mL
Work Order: EPLCR1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038

CAS NUMBER	COMPOUND NAME (ug/L or ug/kg) ug/L	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 002 JC

Sample WT/Vol: 1000 / mL
Work Order: EPLCR2AC
Dilution factor: 2
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/06/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	20	
208-96-8	Acenaphthylene	20	
98-86-2	Acetophenone	20	
53-96-3	2-Acetylaminofluorene	40	
92-67-1	4-Aminobiphenyl	100	
62-53-3	Aniline	20	
120-12-7	Anthracene	20	
56-55-3	Benzo(a)anthracene	20	
205-99-2	Benzo(b)fluoranthene	20	
207-08-9	Benzo(k)fluoranthene	20	
191-24-2	Benzo(ghi)perylene	20	
50-32-8	Benzo(a)pyrene	20	
100-51-6	Benzyl alcohol	20	
111-91-1	bis(2-Chloroethoxy)methane	20	
111-44-4	bis(2-Chloroethyl) ether	20	
117-81-7	bis(2-Ethylhexyl) phthalate	20	
101-55-3	4-Bromophenyl phenyl ether	20	
85-68-7	Butyl benzyl phthalate	20	
106-47-8	4-Chloroaniline	20	
59-50-7	4-Chloro-3-methylphenol	20	
91-58-7	2-Chloronaphthalene	20	
95-57-8	2-Chlorophenol	20	
7005-72-3	4-Chlorophenyl phenyl ether	20	
218-01-9	Chrysene	20	
53-70-3	Dibenz(a,h)anthracene	20	
132-64-9	Dibenzofuran	20	
84-74-2	Di-n-butyl phthalate	20	
95-50-1	1,2-Dichlorobenzene	20	

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SMK 2/19/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 002 SL

Sample WT/Vol: 1000 / mL
Work Order: EPLCR2AC
Dilution factor: 2
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/06/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
541-73-1	1,3-Dichlorobenzene	20	U	R
106-46-7	1,4-Dichlorobenzene	20	U	
91-94-1	3,3'-Dichlorobenzidine	100	U	
120-83-2	2,4-Dichlorophenol	20	U	
87-65-0	2,6-Dichlorophenol	20	U	
84-66-2	Diethyl phthalate	20	U	
60-11-7	p-Dimethylaminoazobenzene	40	U	
57-97-6	7,12-Dimethylbenz(a)anthrace	40	U	
119-93-7	3,3'-Dimethylbenzidine	100	U	
122-09-8	alpha,alpha-Dimethylphenethy	100	U	
105-67-9	**2,4-Dimethylphenol**	**160**		
131-11-3	Dimethyl phthalate	20	U	R
117-84-0	Di-n-octyl phthalate	20	U	
99-65-0	1,3-Dinitrobenzene	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	100	U	
51-28-5	2,4-Dinitrophenol	100	U	
121-14-2	2,4-Dinitrotoluene	20	U	
606-20-2	2,6-Dinitrotoluene	20	U	
88-85-7	Dinoseb	40	U	
122-39-4	Diphenylamine	20	U	
62-50-0	Ethyl methanesulfonate	20	U	
206-44-0	Fluoranthene	20	U	
86-73-7	Fluorene	20	U	
118-74-1	Hexachlorobenzene	20	U	
87-68-3	Hexachlorobutadiene	20	U	
77-47-4	Hexachlorocyclopentadiene	100	U	
67-72-1	Hexachloroethane	20	U	
1888-71-7	Hexachloropropene	200	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 002 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLCR2AC Date Extracted:11/29/01
Dilution factor: 2 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM08-PZM038 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
193-39-5	Indeno(1,2,3-cd)pyrene	20		U
78-59-1	Isophorone	20		U
120-58-1	Isosafrole	40		U
91-80-5	Methapyrilene	100		U
95-53-4	o-Toluidine	40		U
56-49-5	3-Methylcholanthrene	100		U
66-27-3	Methyl methanesulfonate	20		U
91-57-6	2-Methylnaphthalene	20		U
95-48-7	**2-Methylphenol**	**2.9**	J	
106-44-5	**4-Methylphenol**	**43**		
91-20-3	**Naphthalene**	**1.4**	J	
130-15-4	1,4-Naphthoquinone	100		U
134-32-7	1-Naphthylamine	20		U
91-59-8	2-Naphthylamine	20		U
88-74-4	2-Nitroaniline	100		U
99-09-2	3-Nitroaniline	100		U
100-01-6	4-Nitroaniline	100		U
98-95-3	Nitrobenzene	20		U
88-75-5	2-Nitrophenol	20		U
100-02-7	4-Nitrophenol	100		U
56-57-5	4-Nitroquinoline-1-oxide	200		U
924-16-3	N-Nitrosodi-n-butylamine	20		U
55-18-5	N-Nitrosodiethylamine	20		U
62-75-9	N-Nitrosodimethylamine	20		U
621-64-7	N-Nitrosodi-n-propylamine	20		U
86-30-6	N-Nitrosodiphenylamine	20		U
10595-95-6	N-Nitrosomethylethylamine	20		U
59-89-2	N-Nitrosomorpholine	20		U

R

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 002 DC

Sample WT/Vol: 1000 / mL
Work Order: EPLCR2AC
Dilution factor: 2
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/06/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
100-75-4	N-Nitrosopiperidine	20		U
930-55-2	N-Nitrosopyrrolidine	20		U
99-55-8	5-Nitro-o-toluidine	40		U
608-93-5	Pentachlorobenzene	20		U
76-01-7	Pentachloroethane	100		U
82-68-8	Pentachloronitrobenzene	100		U
87-86-5	Pentachlorophenol	100		U
62-44-2	Phenacetin	40		U
85-01-8	Phenanthrene	20		U
108-95-2	Phenol	11	J	
106-50-3	p-Phenylene diamine	400		U
109-06-8	2-Picoline	40		U
23950-58-5	Pronamide	40		U
129-00-0	Pyrene	20		U
110-86-1	Pyridine	40		U
94-59-7	Safrole	40		U
95-94-3	1,2,4,5-Tetrachlorobenzene	20		U
58-90-2	2,3,4,6-Tetrachlorophenol	20		U
120-82-1	1,2,4-Trichlorobenzene	20		U
95-95-4	2,4,5-Trichlorophenol	20		U
88-06-2	2,4,6-Trichlorophenol	20		U
99-35-4	1,3,5-Trinitrobenzene	100		U
140-57-8	Aramite	100		U
108-60-1	2,2'-oxybis(1-Chloropropane)	20		U

R

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1K280204 002 DL

Sample WT/Vol: 1000 / mL
Work Order: EPLCR2AC
Dilution factor: 2
Moisture %:

Date Received: 11/28/01
Date Extracted: 11/29/01
Date Analyzed: 12/06/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038 -RE 1

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 003

Sample WT/Vol: 1000 / mL
Work Order: EPLCV1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

smt 12/12/01

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 003

Sample WT/Vol: 1000 / mL
Work Order: EPLCV1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
91-94-1	3,3'-Dichlorobenzidine	50	U	
120-83-2	2,4-Dichlorophenol	10	U	
87-65-0	2,6-Dichlorophenol	10	U	
84-66-2	Diethyl phthalate	10	U	
60-11-7	p-Dimethylaminoazobenzene	20	U	
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U	
119-93-7	3,3'-Dimethylbenzidine	50	U	
122-09-8	alpha,alpha-Dimethylphenethy	50	U	
105-67-9	**2,4-Dimethylphenol**	130	✗	R
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
99-65-0	1,3-Dinitrobenzene	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
88-85-7	Dinoseb	20	U	
122-39-4	Diphenylamine	10	U	
62-50-0	Ethyl methanesulfonate	10	U	
206-44-0	Fluoranthene	10	U	
86-73-7	Fluorene	10	U	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
1888-71-7	Hexachloropropene	100	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLCV1AC Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM08-PZM038DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	3.1	J
106-44-5	4-Methylphenol	40	
91-20-3	Naphthalene	3.2	J
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K280204 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLCV1AC Date Extracted:11/29/01
Dilution factor: 1 Date Analyzed: 12/03/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM08-PZM038DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 003

Sample WT/Vol: 1000 / mL
Work Order: EPLCV1AC
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted;11/29/01
Date Analyzed: 12/03/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038DUP

		(ug/L or ug/kg) ug/L		
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 003 N

Sample WT/Vol: 1000 / mL
Work Order: EPLCV2AC
Dilution factor: 2
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/06/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	20		U R
208-96-8	Acenaphthylene	20		U
98-86-2	Acetophenone	20		U
53-96-3	2-Acetylaminofluorene	40		U
92-67-1	4-Aminobiphenyl	100		U
62-53-3	Aniline	20		U
120-12-7	Anthracene	20		U
56-55-3	Benzo(a)anthracene	20		U
205-99-2	Benzo(b)fluoranthene	20		U
207-08-9	Benzo(k)fluoranthene	20		U
191-24-2	Benzo(ghi)perylene	20		U
50-32-8	Benzo(a)pyrene	20		U
100-51-6	Benzyl alcohol	20		U
111-91-1	bis(2-Chloroethoxy)methane	20		U
111-44-4	bis(2-Chloroethyl) ether	20		U
117-81-7	bis(2-Ethylhexyl) phthalate	20		U
101-55-3	4-Bromophenyl phenyl ether	20		U
85-68-7	Butyl benzyl phthalate	20		U
106-47-8	4-Chloroaniline	20		U
59-50-7	4-Chloro-3-methylphenol	20		U
91-58-7	2-Chloronaphthalene	20		U
95-57-8	2-Chlorophenol	20		U
7005-72-3	4-Chlorophenyl phenyl ether	20		U
218-01-9	Chrysene	20		U
53-70-3	Dibenz(a,h)anthracene	20		U
132-64-9	Dibenzofuran	20		U
84-74-2	Di-n-butyl phthalate	20		U
95-50-1	1,2-Dichlorobenzene	20		U

smt 2/13/2002

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WA Lab Sample ID: C1K280204 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLCV2AC Date Extracted: 11/29/01
Dilution factor: 2 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM08-PZM038DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
541-73-1	1,3-Dichlorobenzene	20	U	R
106-46-7	1,4-Dichlorobenzene	20	U	
91-94-1	3,3'-Dichlorobenzidine	100	U	
120-83-2	2,4-Dichlorophenol	20	U	
87-65-0	2,6-Dichlorophenol	20	U	
84-66-2	Diethyl phthalate	20	U	
60-11-7	p-Dimethylaminoazobenzene	40	U	
57-97-6	7,12-Dimethylbenz(a)anthrace	40	U	
119-93-7	3,3'-Dimethylbenzidine	100	U	
122-09-8	alpha,alpha-Dimethylphenethy	100	U	
105-67-9	**2,4-Dimethylphenol**	**140**		
131-11-3	Dimethyl phthalate	20	U	R
117-84-0	Di-n-octyl phthalate	20	U	
99-65-0	1,3-Dinitrobenzene	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	100	U	
51-28-5	2,4-Dinitrophenol	100	U	
121-14-2	2,4-Dinitrotoluene	20	U	
606-20-2	2,6-Dinitrotoluene	20	U	
88-85-7	Dinoseb	40	U	
122-39-4	Diphenylamine	20	U	
62-50-0	Ethyl methanesulfonate	20	U	
206-44-0	Fluoranthene	20	U	
86-73-7	Fluorene	20	U	
118-74-1	Hexachlorobenzene	20	U	
87-68-3	Hexachlorobutadiene	20	U	
77-47-4	Hexachlorocyclopentadiene	100	U	
67-72-1	Hexachloroethane	20	U	
1888-71-7	Hexachloropropene	200	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K280204 003 DL

Sample WT/Vol: 1000 / mL
Work Order: EPLCV2AC
Dilution factor: 2
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/06/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
193-39-5	Indeno(1,2,3-cd)pyrene	20		U R
78-59-1	Isophorone	20		U
120-58-1	Isosafrole	40		U
91-80-5	Methapyrilene	100		U
95-53-4	o-Toluidine	40		U
56-49-5	3-Methylcholanthrene	100		U
66-27-3	Methyl methanesulfonate	20		U
91-57-6	2-Methylnaphthalene	20		U
95-48-7	**2-Methylphenol**	**2.8**	J	
106-44-5	**4-Methylphenol**	**37**		
91-20-3	**Naphthalene**	**1.2**	J	
130-15-4	1,4-Naphthoquinone	100		U
134-32-7	1-Naphthylamine	20		U
91-59-8	2-Naphthylamine	20		U
88-74-4	2-Nitroaniline	100		U
99-09-2	3-Nitroaniline	100		U
100-01-6	4-Nitroaniline	100		U
98-95-3	Nitrobenzene	20		U
88-75-5	2-Nitrophenol	20		U
100-02-7	4-Nitrophenol	100		U
56-57-5	4-Nitroquinoline-1-oxide	200		U
924-16-3	N-Nitrosodi-n-butylamine	20		U
55-18-5	N-Nitrosodiethylamine	20		U
62-75-9	N-Nitrosodimethylamine	20		U
621-64-7	N-Nitrosodi-n-propylamine	20		U
86-30-6	N-Nitrosodiphenylamine	20		U
10595-95-6	N-Nitrosomethylethylamine	20		U
59-89-2	N-Nitrosomorpholine	20		U

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1K280204 003 DL

Sample WT/Vol: 1000 / mL
Work Order: EPLCV2AC
Dilution factor: 2
Moisture %:

Date Received: 11/28/01
Date Extracted: 11/29/01
Date Analyzed: 12/06/01

QC Batch: 1333284

Client Sample Id: TM08-PZM038DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	20	U
930-55-2	N-Nitrosopyrrolidine	20	U
99-55-8	5-Nitro-o-toluidine	40	U
608-93-5	Pentachlorobenzene	20	U
76-01-7	Pentachloroethane	100	U
82-68-8	Pentachloronitrobenzene	100	U
87-86-5	Pentachlorophenol	100	U
62-44-2	Phenacetin	40	U
85-01-8	Phenanthrene	20	U
108-95-2	Phenol	9.6	J
106-50-3	p-Phenylene diamine	400	U
109-06-8	2-Picoline	40	U
23950-58-5	Pronamide	40	U
129-00-0	Pyrene	20	U
110-86-1	Pyridine	40	U
94-59-7	Safrole	40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
99-35-4	1,3,5-Trinitrobenzene	100	U
140-57-8	Aramite	100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

R

FORM I

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WA Lab Sample ID: C1K280204 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/28/01
Work Order: EPLCV2AC Date Extracted: 11/29/01
Dilution factor: 2 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1333284

Client Sample Id: TM08-PZM038DUP -RE 1

		(ug/L or ug/kg) ug/L		
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300226 003

Sample WT/Vol: 1000 / mL
Work Order: EPQFP1AC
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337358

Client Sample Id: TM09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1.2	J
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	0.63	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

SMK 2/9/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQFP1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1337358

Client Sample Id: TM09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
91-94-1	3,3'-Dichlorobenzidine	50	U	
120-83-2	2,4-Dichlorophenol	10	U	
87-65-0	2,6-Dichlorophenol	10	U	
84-66-2	**Diethyl phthalate**	**0.62**	**J**	
60-11-7	p-Dimethylaminoazobenzene	20	U	
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U	
119-93-7	3,3'-Dimethylbenzidine	50	U	
122-09-8	alpha,alpha-Dimethylphenethy	50	U	
105-67-9	**2,4-Dimethylphenol**	**1100**	**E**	R
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
99-65-0	1,3-Dinitrobenzene	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
88-85-7	Dinoseb	20	U	
122-39-4	Diphenylamine	10	U	
62-50-0	Ethyl methanesulfonate	10	U	
206-44-0	Fluoranthene	10	U	
86-73-7	**Fluorene**	**1.5**	**J**	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
1888-71-7	Hexachloropropene	100	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQFP1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1337358

Client Sample Id: TM09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
120-58-1	Isosafrole	20	U	
91-80-5	Methapyrilene	50	U	
95-53-4	o-Toluidine	20	U	
56-49-5	3-Methylcholanthrene	50	U	
66-27-3	Methyl methanesulfonate	10	U	
91-57-6	**2-Methylnaphthalene**	**0.63**	J	
95-48-7	**2-Methylphenol**	**37**		
106-44-5	**4-Methylphenol**	**1600**	~~J~~	R
91-20-3	Naphthalene	10	U	
130-15-4	1,4-Naphthoquinone	50	U	
134-32-7	1-Naphthylamine	10	U	
91-59-8	2-Naphthylamine	10	U	
88-74-4	2-Nitroaniline	50	U	
99-09-2	3-Nitroaniline	50	U	
100-01-6	4-Nitroaniline	50	U	
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
56-57-5	4-Nitroquinoline-1-oxide	100	U	
924-16-3	N-Nitrosodi-n-butylamine	10	U	
55-18-5	N-Nitrosodiethylamine	10	U	
62-75-9	N-Nitrosodimethylamine	10	U	
621-64-7	N-Nitrosodi-n-propylamine	10	U	
86-30-6	N-Nitrosodiphenylamine	10	U	
10595-95-6	N-Nitrosomethylethylamine	10	U	
59-89-2	N-Nitrosomorpholine	10	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQFP1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1337358

Client Sample Id: TM09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
100-75-4	N-Nitrosopiperidine	10	U	
930-55-2	N-Nitrosopyrrolidine	10	U	
99-55-8	5-Nitro-o-toluidine	20	U	
608-93-5	Pentachlorobenzene	10	U	
76-01-7	Pentachloroethane	50	U	
82-68-8	Pentachloronitrobenzene	50	U	
87-86-5	Pentachlorophenol	50	U	
62-44-2	Phenacetin	20	U	
85-01-8	**Phenanthrene**	**2.2**	J	
108-95-2	**Phenol**	**600**	~~E~~	R
106-50-3	p-Phenylene diamine	200	U	
109-06-8	2-Picoline	20	U	
23950-58-5	Pronamide	20	U	
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	20	U	
94-59-7	Safrole	20	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	
120-82-1	1,2,4-Trichlorobenzene	10	U	
95-95-4	2,4,5-Trichlorophenol	10	U	
88-06-2	2,4,6-Trichlorophenol	10	U	
99-35-4	1,3,5-Trinitrobenzene	50	U	
140-57-8	Aramite	50	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U	

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQFP1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1337358

Client Sample Id: TM09-PZM007

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1K300226 003 DL

Sample WT/Vol: 1000 / mL
Work Order: EPQFP2AC
Dilution factor: 30
Moisture %:

Date Received: 11/29/01
Date Extracted: 12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337358

Client Sample Id: TM09-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	300	U
208-96-8	Acenaphthylene	300	U
98-86-2	Acetophenone	300	U
53-96-3	2-Acetylaminofluorene	600	U
92-67-1	4-Aminobiphenyl	1500	U
62-53-3	Aniline	300	U
120-12-7	Anthracene	300	U
56-55-3	Benzo(a)anthracene	300	U
205-99-2	Benzo(b)fluoranthene	300	U
207-08-9	Benzo(k)fluoranthene	300	U
191-24-2	Benzo(ghi)perylene	300	U
50-32-8	Benzo(a)pyrene	300	U
100-51-6	Benzyl alcohol	300	U
111-91-1	bis(2-Chloroethoxy)methane	300	U
111-44-4	bis(2-Chloroethyl) ether	300	U
117-81-7	bis(2-Ethylhexyl) phthalate	300	U
101-55-3	4-Bromophenyl phenyl ether	300	U
85-68-7	Butyl benzyl phthalate	300	U
106-47-8	4-Chloroaniline	300	U
59-50-7	4-Chloro-3-methylphenol	300	U
91-58-7	2-Chloronaphthalene	300	U
95-57-8	2-Chlorophenol	300	U
7005-72-3	4-Chlorophenyl phenyl ether	300	U
218-01-9	Chrysene	300	U
53-70-3	Dibenz(a,h)anthracene	300	U
132-64-9	Dibenzofuran	300	U
84-74-2	Di-n-butyl phthalate	300	U
95-50-1	1,2-Dichlorobenzene	300	U

R

SMK 2/19/02

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1K300226 003 DL

Sample WT/Vol: 1000 / mL
Work Order: EPQFP2AC
Dilution factor: 30
Moisture %:

Date Received: 11/29/01
Date Extracted: 12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337358

Client Sample Id: TM09-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	300	U R
106-46-7	1,4-Dichlorobenzene	300	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
120-83-2	2,4-Dichlorophenol	300	U
87-65-0	2,6-Dichlorophenol	300	U
84-66-2	Diethyl phthalate	300	U
60-11-7	p-Dimethylaminoazobenzene	600	U
57-97-6	7,12-Dimethylbenz(a)anthrace	600	U
119-93-7	3,3'-Dimethylbenzidine	1500	U
122-09-8	alpha,alpha-Dimethylphenethy	1500	U
105-67-9	**2,4-Dimethylphenol**	**1300**	
131-11-3	Dimethyl phthalate	300	U R
117-84-0	Di-n-octyl phthalate	300	U
99-65-0	1,3-Dinitrobenzene	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1500	U
51-28-5	2,4-Dinitrophenol	1500	U
121-14-2	2,4-Dinitrotoluene	300	U
606-20-2	2,6-Dinitrotoluene	300	U
88-85-7	Dinoseb	600	U
122-39-4	Diphenylamine	300	U
62-50-0	Ethyl methanesulfonate	300	U
206-44-0	Fluoranthene	300	U
86-73-7	Fluorene	300	U
118-74-1	Hexachlorobenzene	300	U
87-68-3	Hexachlorobutadiene	300	U
77-47-4	Hexachlorocyclopentadiene	1500	U
67-72-1	Hexachloroethane	300	U
1888-71-7	Hexachloropropene	3000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQFP2AC Date Extracted:12/03/01
Dilution factor: 30 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1337358

Client Sample Id: TM09-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
193-39-5	Indeno(1,2,3-cd)pyrene	300	U	R
78-59-1	Isophorone	300	U	
120-58-1	Isosafrole	600	U	
91-80-5	Methapyrilene	1500	U	
95-53-4	o-Toluidine	600	U	
56-49-5	3-Methylcholanthrene	1500	U	
66-27-3	Methyl methanesulfonate	300	U	
91-57-6	2-Methylnaphthalene	300	U	
95-48-7	**2-Methylphenol**	**40**	J	
106-44-5	**4-Methylphenol**	**1300**		
91-20-3	Naphthalene	300	U	R
130-15-4	1,4-Naphthoquinone	1500	U	
134-32-7	1-Naphthylamine	300	U	
91-59-8	2-Naphthylamine	300	U	
88-74-4	2-Nitroaniline	1500	U	
99-09-2	3-Nitroaniline	1500	U	
100-01-6	4-Nitroaniline	1500	U	
98-95-3	Nitrobenzene	300	U	
88-75-5	2-Nitrophenol	300	U	
100-02-7	4-Nitrophenol	1500	U	
56-57-5	4-Nitroquinoline-1-oxide	3000	U	
924-16-3	N-Nitrosodi-n-butylamine	300	U	
55-18-5	N-Nitrosodiethylamine	300	U	
62-75-9	N-Nitrosodimethylamine	300	U	
621-64-7	N-Nitrosodi-n-propylamine	300	U	
86-30-6	N-Nitrosodiphenylamine	300	U	
10595-95-6	N-Nitrosomethylethylamine	300	U	
59-89-2	N-Nitrosomorpholine	300	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 003 JL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQFP2AC Date Extracted:12/03/01
Dilution factor: 30 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1337358

Client Sample Id: TM09-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
100-75-4	N-Nitrosopiperidine	300	U	R
930-55-2	N-Nitrosopyrrolidine	300	U	
99-55-8	5-Nitro-o-toluidine	600	U	
608-93-5	Pentachlorobenzene	300	U	
76-01-7	Pentachloroethane	1500	U	
82-68-8	Pentachloronitrobenzene	1500	U	
87-86-5	Pentachlorophenol	1500	U	
62-44-2	Phenacetin	600	U	
85-01-8	Phenanthrene	300	U	
108-95-2	**Phenol**	**520**		R
106-50-3	p-Phenylene diamine	6000	U	
109-06-8	2-Picoline	600	U	
23950-58-5	Pronamide	600	U	
129-00-0	Pyrene	300	U	
110-86-1	Pyridine	600	U	
94-59-7	Safrole	600	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	
58-90-2	2,3,4,6-Tetrachlorophenol	300	U	
120-82-1	1,2,4-Trichlorobenzene	300	U	
95-95-4	2,4,5-Trichlorophenol	300	U	
88-06-2	2,4,6-Trichlorophenol	300	U	
99-35-4	1,3,5-Trinitrobenzene	1500	U	
140-57-8	Aramite	1500	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	300	U	

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1K300226 003 DL

Sample WT/Vol: 1000 / mL
Work Order: EPQFP2AC
Dilution factor: 30
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337358

Client Sample Id: TM09-PZM007 -RE 1

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

R

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQFT1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1337358

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

SML 2/7/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQFT1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1337358

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
87-65-0	2,6-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
119-93-7	3,3'-Dimethylbenzidine	50	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
105-67-9	2,4-Dimethylphenol	2.6	J
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
99-65-0	1,3-Dinitrobenzene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
1888-71-7	Hexachloropropene	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQFT1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1337358

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	**4-Methylphenol**	2.2 ✓	J
91-20-3	Naphthalene	10	U
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQFT1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1337358

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA Lab Sample ID:C1K300226 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 11/29/01
Work Order: EPQFT1AC Date Extracted:12/03/01
Dilution factor: 1 Date Analyzed: 12/06/01
Moisture %:

QC Batch: 1337358

Client Sample Id: HI02-PZM032

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06K1AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM13-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**1.2**	**J**
208-96-8	**Acenaphthylene**	**2.0**	**J**
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**2.2**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

SMT 2/9/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06K1AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM13-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
87-65-0	2,6-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
119-93-7	3,3'-Dimethylbenzidine	50	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
105-67-9	**2,4-Dimethylphenol**	**6.0**	**J**
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
99-65-0	1,3-Dinitrobenzene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
206-44-0	**Fluoranthene**	**1.4**	**J**
86-73-7	**Fluorene**	**3.0**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
1888-71-7	Hexachloropropene	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06K1AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM13-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
120-58-1	Isosafrole	20	U	
91-80-5	Methapyrilene	50	U	
95-53-4	o-Toluidine	20	U	
56-49-5	3-Methylcholanthrene	50	U	
66-27-3	Methyl methanesulfonate	10	U	
91-57-6	**2-Methylnaphthalene**	**8.8**	J	
95-48-7	**2-Methylphenol**	**0.75**	J	
106-44-5	**4-Methylphenol**	**14**		
91-20-3	**Naphthalene**	**250**	~~J~~	R
130-15-4	1,4-Naphthoquinone	50	U	
134-32-7	1-Naphthylamine	10	U	
91-59-8	2-Naphthylamine	10	U	
88-74-4	2-Nitroaniline	50	U	
99-09-2	3-Nitroaniline	50	U	
100-01-6	4-Nitroaniline	50	U	
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
56-57-5	4-Nitroquinoline-1-oxide	100	U	
924-16-3	N-Nitrosodi-n-butylamine	10	U	
55-18-5	N-Nitrosodiethylamine	10	U	
62-75-9	N-Nitrosodimethylamine	10	U	
621-64-7	N-Nitrosodi-n-propylamine	10	U	
86-30-6	N-Nitrosodiphenylamine	10	U	
10595-95-6	N-Nitrosomethylethylamine	10	U	
59-89-2	N-Nitrosomorpholine	10	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06K1AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM13-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	**Phenanthrene**	**5.8**	**J**
108-95-2	Phenol	10	U
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06K1AA Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM13-PZM007

		(ug/L or ug/kg)	ug/L	
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06K2AA Date Extracted:12/06/01
Dilution factor: 5 Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: TM13-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	50	U
208-96-8	Acenaphthylene	50	U
98-86-2	Acetophenone	50	U
53-96-3	2-Acetylaminofluorene	100	U
92-67-1	4-Aminobiphenyl	250	U
62-53-3	Aniline	50	U
120-12-7	Anthracene	50	U
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
100-51-6	Benzyl alcohol	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
106-47-8	4-Chloroaniline	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	Dibenzofuran	50	U
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U

SMK 2/9/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06K2AA Date Extracted:12/06/01
Dilution factor: 5 Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: TM13-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
91-94-1	3,3'-Dichlorobenzidine	250	U
120-83-2	2,4-Dichlorophenol	50	U
87-65-0	2,6-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U
60-11-7	p-Dimethylaminoazobenzene	100	U
57-97-6	7,12-Dimethylbenz(a)anthrace	100	U
119-93-7	3,3'-Dimethylbenzidine	250	U
122-09-8	alpha,alpha-Dimethylphenethy	250	U
105-67-9	2,4-Dimethylphenol	50	U
131-11-3	Dimethyl phthalate	50	U
117-84-0	Di-n-octyl phthalate	50	U
99-65-0	1,3-Dinitrobenzene	50	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
51-28-5	2,4-Dinitrophenol	250	U
121-14-2	2,4-Dinitrotoluene	50	U
606-20-2	2,6-Dinitrotoluene	50	U
88-85-7	Dinoseb	100	U
122-39-4	Diphenylamine	50	U
62-50-0	Ethyl methanesulfonate	50	U
206-44-0	Fluoranthene	50	U
86-73-7	Fluorene	50	U
118-74-1	Hexachlorobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
77-47-4	Hexachlorocyclopentadiene	250	U
67-72-1	Hexachloroethane	50	U
1888-71-7	Hexachloropropene	500	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06K2AA Date Extracted:12/06/01
Dilution factor: 5 Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: TM13-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
78-59-1	Isophorone	50	U
120-58-1	Isosafrole	100	U
91-80-5	Methapyrilene	250	U
95-53-4	o-Toluidine	100	U
56-49-5	3-Methylcholanthrene	250	U
66-27-3	Methyl methanesulfonate	50	U
91-57-6	**2-Methylnaphthalene**	**7.8**	J
95-48-7	2-Methylphenol	50	U
106-44-5	**4-Methylphenol**	**11**	J
91-20-3	**Naphthalene**	**330**	
130-15-4	1,4-Naphthoquinone	250	U
134-32-7	1-Naphthylamine	50	U
91-59-8	2-Naphthylamine	50	U
88-74-4	2-Nitroaniline	250	U
99-09-2	3-Nitroaniline	250	U
100-01-6	4-Nitroaniline	250	U
98-95-3	Nitrobenzene	50	U
88-75-5	2-Nitrophenol	50	U
100-02-7	4-Nitrophenol	250	U
56-57-5	4-Nitroquinoline-1-oxide	500	U
924-16-3	N-Nitrosodi-n-butylamine	50	U
55-18-5	N-Nitrosodiethylamine	50	U
62-75-9	N-Nitrosodimethylamine	50	U
621-64-7	N-Nitrosodi-n-propylamine	50	U
86-30-6	N-Nitrosodiphenylamine	50	U
10595-95-6	N-Nitrosomethylethylamine	50	U
59-89-2	N-Nitrosomorpholine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06K2AA Date Extracted:12/06/01
Dilution factor: 5 Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: TM13-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	50	U
930-55-2	N-Nitrosopyrrolidine	50	U
99-55-8	5-Nitro-o-toluidine	100	U
608-93-5	Pentachlorobenzene	50	U
76-01-7	Pentachloroethane	250	U
82-68-8	Pentachloronitrobenzene	250	U
87-86-5	Pentachlorophenol	250	U
62-44-2	Phenacetin	100	U
85-01-8	**Phenanthrene**	**5.4**	**J**
108-95-2	Phenol	50	U
106-50-3	p-Phenylene diamine	1000	U
109-06-8	2-Picoline	100	U
23950-58-5	Pronamide	100	U
129-00-0	Pyrene	50	U
110-86-1	Pyridine	100	U
94-59-7	Safrole	100	U
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U
58-90-2	2,3,4,6-Tetrachlorophenol	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
99-35-4	1,3,5-Trinitrobenzene	250	U
140-57-8	Aramite	250	U
108-60-1	2,2'-oxybis(1-Chloropropane)	50	U

R

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06K2AA Date Extracted:12/06/01
Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: TM13-PZM007 -RE 1

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
	Hexachlorophene			ND	R

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06V1AD Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM13-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06V1AD Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM13-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
87-65-0	2,6-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
119-93-7	3,3'-Dimethylbenzidine	50	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
99-65-0	1,3-Dinitrobenzene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
1888-71-7	Hexachloropropene	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06V1AD Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM13-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	3.5	J
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06V1AD Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM13-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06V1AD Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM13-PZM046

		(ug/L or ug/kg) ug/L		
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06X1AD Date Extracted:12/06/01
Dilution factor: 5 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	50	U
208-96-8	Acenaphthylene	50	U
98-86-2	Acetophenone	50	U
53-96-3	2-Acetylaminofluorene	100	U
92-67-1	4-Aminobiphenyl	250	U
62-53-3	Aniline	50	U
120-12-7	Anthracene	50	U
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
100-51-6	Benzyl alcohol	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
106-47-8	4-Chloroaniline	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	Dibenzofuran	50	U
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U

smk 2/19/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06X1AD Date Extracted:12/06/01
Dilution factor: 5 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
541-73-1	1,3-Dichlorobenzene	50	U	
106-46-7	1,4-Dichlorobenzene	50	U	
91-94-1	3,3'-Dichlorobenzidine	250	U	
120-83-2	2,4-Dichlorophenol	50	U	
87-65-0	2,6-Dichlorophenol	50	U	
84-66-2	Diethyl phthalate	50	U	
60-11-7	p-Dimethylaminoazobenzene	100	U	
57-97-6	7,12-Dimethylbenz(a)anthrace	100	U	
119-93-7	3,3'-Dimethylbenzidine	250	U	
122-09-8	alpha,alpha-Dimethylphenethy	250	U	
105-67-9	**2,4-Dimethylphenol**	**1300**	~~U~~	R
131-11-3	Dimethyl phthalate	50	U	
117-84-0	Di-n-octyl phthalate	50	U	
99-65-0	1,3-Dinitrobenzene	50	U	
534-52-1	4,6-Dinitro-2-methylphenol	250	U	
51-28-5	2,4-Dinitrophenol	250	U	
121-14-2	2,4-Dinitrotoluene	50	U	
606-20-2	2,6-Dinitrotoluene	50	U	
88-85-7	Dinoseb	100	U	
122-39-4	Diphenylamine	50	U	
62-50-0	Ethyl methanesulfonate	50	U	
206-44-0	Fluoranthene	50	U	
86-73-7	Fluorene	50	U	
118-74-1	Hexachlorobenzene	50	U	
87-68-3	Hexachlorobutadiene	50	U	
77-47-4	Hexachlorocyclopentadiene	250	U	
67-72-1	Hexachloroethane	50	U	
1888-71-7	Hexachloropropene	500	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06X1AD Date Extracted:12/06/01
Dilution factor: 5 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	
78-59-1	Isophorone	50	U	
120-58-1	Isosafrole	100	U	
91-80-5	Methapyrilene	250	U	
95-53-4	o-Toluidine	100	U	
56-49-5	3-Methylcholanthrene	250	U	
66-27-3	Methyl methanesulfonate	50	U	
91-57-6	2-Methylnaphthalene	50	U	
95-48-7	**2-Methylphenol**	**120**		
106-44-5	**4-Methylphenol**	**3000**	X	R
91-20-3	Naphthalene	50	U	
130-15-4	1,4-Naphthoquinone	250	U	
134-32-7	1-Naphthylamine	50	U	
91-59-8	2-Naphthylamine	50	U	
88-74-4	2-Nitroaniline	250	U	
99-09-2	3-Nitroaniline	250	U	
100-01-6	4-Nitroaniline	250	U	
98-95-3	Nitrobenzene	50	U	
88-75-5	2-Nitrophenol	50	U	
100-02-7	4-Nitrophenol	250	U	
56-57-5	4-Nitroquinoline-1-oxide	500	U	
924-16-3	N-Nitrosodi-n-butylamine	50	U	
55-18-5	N-Nitrosodiethylamine	50	U	
62-75-9	N-Nitrosodimethylamine	50	U	
621-64-7	N-Nitrosodi-n-propylamine	50	U	
86-30-6	N-Nitrosodiphenylamine	50	U	
10595-95-6	N-Nitrosomethylethylamine	50	U	
59-89-2	N-Nitrosomorpholine	50	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06X1AD Date Extracted:12/06/01
Dilution factor: 5 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
100-75-4	N-Nitrosopiperidine	50	U	
930-55-2	N-Nitrosopyrrolidine	50	U	
99-55-8	5-Nitro-o-toluidine	100	U	
608-93-5	Pentachlorobenzene	50	U	
76-01-7	Pentachloroethane	250	U	
82-68-8	Pentachloronitrobenzene	250	U	
87-86-5	Pentachlorophenol	250	U	
62-44-2	Phenacetin	100	U	
85-01-8	Phenanthrene	50	U	
108-95-2	**Phenol**	**5400** ✓	~~U~~	R
106-50-3	p-Phenylene diamine	1000	U	
109-06-8	2-Picoline	100	U	
23950-58-5	Pronamide	100	U	
129-00-0	Pyrene	50	U	
110-86-1	Pyridine	100	U	
94-59-7	Safrole	100	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	
120-82-1	1,2,4-Trichlorobenzene	50	U	
95-95-4	2,4,5-Trichlorophenol	50	U	
88-06-2	2,4,6-Trichlorophenol	50	U	
99-35-4	1,3,5-Trinitrobenzene	250	U	
140-57-8	Aramite	250	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	50	U	

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06X1AD Date Extracted:12/06/01
Dilution factor: 5 Date Analyzed: 12/14/01

QC Batch: 1341114

Client Sample Id: TM09-PZM047

		(ug/L or ug/kg) ug/L		
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06X2AD Date Extracted:12/06/01
Dilution factor: 125 Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: TM09-PZM047 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1200	U
208-96-8	Acenaphthylene	1200	U
98-86-2	Acetophenone	1200	U
53-96-3	2-Acetylaminofluorene	2500	U
92-67-1	4-Aminobiphenyl	6200	U
62-53-3	Aniline	1200	U
120-12-7	Anthracene	1200	U
56-55-3	Benzo(a)anthracene	1200	U
205-99-2	Benzo(b)fluoranthene	1200	U
207-08-9	Benzo(k)fluoranthene	1200	U
191-24-2	Benzo(ghi)perylene	1200	U
50-32-8	Benzo(a)pyrene	1200	U
100-51-6	Benzyl alcohol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
111-44-4	bis(2-Chloroethyl) ether	1200	U
117-81-7	bis(2-Ethylhexyl) phthalate	1200	U
101-55-3	4-Bromophenyl phenyl ether	1200	U
85-68-7	Butyl benzyl phthalate	1200	U
106-47-8	4-Chloroaniline	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
95-57-8	2-Chlorophenol	1200	U
7005-72-3	4-Chlorophenyl phenyl ether	1200	U
218-01-9	Chrysene	1200	U
53-70-3	Dibenz(a,h)anthracene	1200	U
132-64-9	Dibenzofuran	1200	U
84-74-2	Di-n-butyl phthalate	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U

R

smk 2/9/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06X2AD Date Extracted:12/06/01
Dilution factor: 125 Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: TM09-PZM047 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
541-73-1	1,3-Dichlorobenzene	1200	U	R
106-46-7	1,4-Dichlorobenzene	1200	U	
91-94-1	3,3'-Dichlorobenzidine	6200	U	
120-83-2	2,4-Dichlorophenol	1200	U	
87-65-0	2,6-Dichlorophenol	1200	U	
84-66-2	Diethyl phthalate	1200	U	
60-11-7	p-Dimethylaminoazobenzene	2500	U	
57-97-6	7,12-Dimethylbenz(a)anthrace	2500	U	
119-93-7	3,3'-Dimethylbenzidine	6200	U	
122-09-8	alpha,alpha-Dimethylphenethy	6200	U	
105-67-9	**2,4-Dimethylphenol**	**1900**		
131-11-3	Dimethyl phthalate	1200	U	R
117-84-0	Di-n-octyl phthalate	1200	U	
99-65-0	1,3-Dinitrobenzene	1200	U	
534-52-1	4,6-Dinitro-2-methylphenol	6200	U	
51-28-5	2,4-Dinitrophenol	6200	U	
121-14-2	2,4-Dinitrotoluene	1200	U	
606-20-2	2,6-Dinitrotoluene	1200	U	
88-85-7	Dinoseb	2500	U	
122-39-4	Diphenylamine	1200	U	
62-50-0	Ethyl methanesulfonate	1200	U	
206-44-0	Fluoranthene	1200	U	
86-73-7	Fluorene	1200	U	
118-74-1	Hexachlorobenzene	1200	U	
87-68-3	Hexachlorobutadiene	1200	U	
77-47-4	Hexachlorocyclopentadiene	6200	U	
67-72-1	Hexachloroethane	1200	U	
1888-71-7	Hexachloropropene	12000	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06X2AD Date Extracted:12/06/01
Dilution factor: 125 Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: TM09-PZM047 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
193-39-5	Indeno(1,2,3-cd)pyrene	1200	U	R
78-59-1	Isophorone	1200	U	
120-58-1	Isosafrole	2500	U	
91-80-5	Methapyrilene	6200	U	
95-53-4	o-Toluidine	2500	U	
56-49-5	3-Methylcholanthrene	6200	U	
66-27-3	Methyl methanesulfonate	1200	U	
91-57-6	2-Methylnaphthalene	1200	U	
95-48-7	2-Methylphenol	1200	U	
106-44-5	**4-Methylphenol**	**4100**		R
91-20-3	Naphthalene	1200	U	
130-15-4	1,4-Naphthoquinone	6200	U	
134-32-7	1-Naphthylamine	1200	U	
91-59-8	2-Naphthylamine	1200	U	
88-74-4	2-Nitroaniline	6200	U	
99-09-2	3-Nitroaniline	6200	U	
100-01-6	4-Nitroaniline	6200	U	
98-95-3	Nitrobenzene	1200	U	
88-75-5	2-Nitrophenol	1200	U	
100-02-7	4-Nitrophenol	6200	U	
56-57-5	4-Nitroquinoline-1-oxide	12000	U	
924-16-3	N-Nitrosodi-n-butylamine	1200	U	
55-18-5	N-Nitrosodiethylamine	1200	U	
62-75-9	N-Nitrosodimethylamine	1200	U	
621-64-7	N-Nitrosodi-n-propylamine	1200	U	
86-30-6	N-Nitrosodiphenylamine	1200	U	
10595-95-6	N-Nitrosomethylethylamine	1200	U	
59-89-2	N-Nitrosomorpholine	1200	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06X2AD Date Extracted:12/06/01
Dilution factor: 125 Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: TM09-PZM047 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
100-75-4	N-Nitrosopiperidine	1200	U	R
930-55-2	N-Nitrosopyrrolidine	1200	U	
99-55-8	5-Nitro-o-toluidine	2500	U	
608-93-5	Pentachlorobenzene	1200	U	
76-01-7	Pentachloroethane	6200	U	
82-68-8	Pentachloronitrobenzene	6200	U	
87-86-5	Pentachlorophenol	6200	U	
62-44-2	Phenacetin	2500	U	
85-01-8	Phenanthrene	1200	U	
108-95-2	**Phenol**	**9800**		
106-50-3	p-Phenylene diamine	25000	U	R
109-06-8	2-Picoline	2500	U	
23950-58-5	Pronamide	2500	U	
129-00-0	Pyrene	1200	U	
110-86-1	Pyridine	2500	U	
94-59-7	Safrole	2500	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1200	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	
120-82-1	1,2,4-Trichlorobenzene	1200	U	
95-95-4	2,4,5-Trichlorophenol	1200	U	
88-06-2	2,4,6-Trichlorophenol	1200	U	
99-35-4	1,3,5-Trinitrobenzene	6200	U	
140-57-8	Aramite	6200	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	1200	U	

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP06X2AD Date Extracted:12/06/01
Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: TM09-PZM047 -RE 1

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

R

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP0601AD Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: HI02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**1.5**	**J**
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**0.74**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SML 1/9/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L050241 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP0601AD Date Extracted:12/06/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: HI02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	**2,4-Dimethylphenol**	**32**	
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	**Fluorene**	**1.3**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	**2-Methylnaphthalene**	**1.4**	**J**
95-48-7	**2-Methylphenol**	**1.1**	**J**
106-44-5	**4-Methylphenol**	**10**	
91-20-3	**Naphthalene**	**7.3**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**1.1**	**J**
108-95-2	**Phenol**	**2.6** ✓	**J**
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WATER Lab Sample ID: C1L050241 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/01
Work Order: EP0601AD Date Extracted: 12/06/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1341114

Client Sample Id: HI02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP54E1AA Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**8.8**	**J**
208-96-8	**Acenaphthylene**	**1.5**	**J**
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	**Anthracene**	**2.3**	**J**
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**4.1**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

SMK 2/9/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP54E1AA Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
87-65-0	2,6-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
119-93-7	3,3'-Dimethylbenzidine	50	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
99-65-0	1,3-Dinitrobenzene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
206-44-0	Fluoranthene	6.7	J
86-73-7	Fluorene	5.1	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
1888-71-7	Hexachloropropene	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP54E1AA Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP54E1AA Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	Pyrene	3.1	J
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L070279 001

Sample WT/Vol: 1000 / mL
Work Order: EP54E1AA
Dilution factor: 1
Moisture %:NA

Date Received: 12/07/01
Date Extracted:12/11/01
Date Analyzed: 12/14/01

QC Batch: 1347091

Client Sample Id: CP09-PZM047

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L or ug/kg) ug/L	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP54W1AE Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM047 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	6.8	J
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	**Anthracene**	1.2	J
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	2.3	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

smt 2/19/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP54W1AE Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM047 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
87-65-0	2,6-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
119-93-7	3,3'-Dimethylbenzidine	50	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
99-65-0	1,3-Dinitrobenzene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
206-44-0	**Fluoranthene**	**6.1**	**J**
86-73-7	**Fluorene**	**2.0**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
1888-71-7	Hexachloropropene	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP54W1AE Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM047 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L070279 002

Sample WT/Vol: 1000 / mL
Work Order: EP54W1AE
Dilution factor: 1
Moisture %: NA

Date Received: 12/07/01
Date Extracted: 12/11/01
Date Analyzed: 12/14/01

QC Batch: 1347091

Client Sample Id: CP09-PZM047 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	**Phenanthrene**	**0.60**	**J**
108-95-2	Phenol	10	U
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	**Pyrene**	**2.9**	**J**
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L070279 002

Sample WT/Vol: 1000 / mL
Work Order: EP54W1AE
Dilution factor: 1
Moisture %:NA

Date Received: 12/07/01
Date Extracted:12/11/01
Date Analyzed: 12/14/01

QC Batch: 1347091

Client Sample Id: CP09-PZM047 DUP

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5441AA Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**3.8**	**J**
208-96-8	**Acenaphthylene**	**13**	
98-86-2	**Acetophenone**	**1.8**	**J**
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	**Anthracene**	**1.1**	**J**
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**3.2**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

SML 2/9/06

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5441AA Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
87-65-0	2,6-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
119-93-7	3,3'-Dimethylbenzidine	50	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
105-67-9	2,4-Dimethylphenol	12	
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
99-65-0	1,3-Dinitrobenzene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
206-44-0	Fluoranthene	1.1	J
86-73-7	Fluorene	4.8	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
1888-71-7	Hexachloropropene	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5441AA Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	4.2	J
95-48-7	2-Methylphenol	7.3	J
106-44-5	4-Methylphenol	47	
91-20-3	Naphthalene	95	
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5441AA Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
100-75-4	N-Nitrosopiperidine	10	U	
930-55-2	N-Nitrosopyrrolidine	10	U	
99-55-8	5-Nitro-o-toluidine	20	U	
608-93-5	Pentachlorobenzene	10	U	
76-01-7	Pentachloroethane	50	U	
82-68-8	Pentachloronitrobenzene	50	U	
87-86-5	Pentachlorophenol	50	U	
62-44-2	Phenacetin	20	U	
85-01-8	**Phenanthrene**	**5.6**	J	
108-95-2	**Phenol**	**190**	J	R
106-50-3	p-Phenylene diamine	200	U	
109-06-8	2-Picoline	20	U	
23950-58-5	Pronamide	20	U	
129-00-0	Pyrene	10	U	
110-86-1	**Pyridine**	**2.8**	J	
94-59-7	Safrole	20	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	
120-82-1	1,2,4-Trichlorobenzene	10	U	
95-95-4	2,4,5-Trichlorophenol	10	U	
88-06-2	2,4,6-Trichlorophenol	10	U	
99-35-4	1,3,5-Trinitrobenzene	50	U	
140-57-8	Aramite	50	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U	

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WATER
Lab Sample ID: C1L070279 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Work Order: EP5441AA
Dilution factor: 1
Moisture %: NA

Date Received: 12/07/01
Date Extracted: 12/11/01
Date Analyzed: 12/14/01

QC Batch: 1347091

Client Sample Id: CP09-PZM010

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L070279 003 JC

Sample WT/Vol: 1000 / mL
Work Order: EP5442AA
Dilution factor: 3
Moisture %: NA

Date Received: 12/07/01
Date Extracted: 12/11/01
Date Analyzed: 12/18/01

QC Batch: 1347091

Client Sample Id: CP09-PZM010 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	**Acenaphthene**	3.8	J	R
208-96-8	**Acenaphthylene**	12	J	
98-86-2	Acetophenone	30	U	
53-96-3	2-Acetylaminofluorene	60	U	
92-67-1	4-Aminobiphenyl	150	U	
62-53-3	Aniline	30	U	
120-12-7	Anthracene	30	U	
56-55-3	Benzo(a)anthracene	30	U	
205-99-2	Benzo(b)fluoranthene	30	U	
207-08-9	Benzo(k)fluoranthene	30	U	
191-24-2	Benzo(ghi)perylene	30	U	
50-32-8	Benzo(a)pyrene	30	U	
100-51-6	Benzyl alcohol	30	U	
111-91-1	bis(2-Chloroethoxy)methane	30	U	
111-44-4	bis(2-Chloroethyl) ether	30	U	
117-81-7	bis(2-Ethylhexyl) phthalate	30	U	
101-55-3	4-Bromophenyl phenyl ether	30	U	
85-68-7	Butyl benzyl phthalate	30	U	
106-47-8	4-Chloroaniline	30	U	
59-50-7	4-Chloro-3-methylphenol	30	U	
91-58-7	2-Chloronaphthalene	30	U	
95-57-8	2-Chlorophenol	30	U	
7005-72-3	4-Chlorophenyl phenyl ether	30	U	
218-01-9	Chrysene	30	U	
53-70-3	Dibenz(a,h)anthracene	30	U	
132-64-9	**Dibenzofuran**	3.3	J	
84-74-2	Di-n-butyl phthalate	30	U	
95-50-1	1,2-Dichlorobenzene	30	U	

SMK 2/9/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5442AA Date Extracted:12/11/01
Dilution factor: 3 Date Analyzed: 12/18/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM010 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	30	
106-46-7	1,4-Dichlorobenzene	30	
91-94-1	3,3'-Dichlorobenzidine	150	
120-83-2	2,4-Dichlorophenol	30	
87-65-0	2,6-Dichlorophenol	30	
84-66-2	Diethyl phthalate	30	
60-11-7	p-Dimethylaminoazobenzene	60	
57-97-6	7,12-Dimethylbenz(a)anthrace	60	
119-93-7	3,3'-Dimethylbenzidine	150	
122-09-8	alpha,alpha-Dimethylphenethy	150	
105-67-9	2,4-Dimethylphenol	20	J
131-11-3	Dimethyl phthalate	30	
117-84-0	Di-n-octyl phthalate	30	
99-65-0	1,3-Dinitrobenzene	30	
534-52-1	4,6-Dinitro-2-methylphenol	150	
51-28-5	2,4-Dinitrophenol	150	
121-14-2	2,4-Dinitrotoluene	30	
606-20-2	2,6-Dinitrotoluene	30	
88-85-7	Dinoseb	60	
122-39-4	Diphenylamine	30	
62-50-0	Ethyl methanesulfonate	30	
206-44-0	Fluoranthene	30	
86-73-7	Fluorene	5.0	J
118-74-1	Hexachlorobenzene	30	
87-68-3	Hexachlorobutadiene	30	
77-47-4	Hexachlorocyclopentadiene	150	
67-72-1	Hexachloroethane	30	
1888-71-7	Hexachloropropene	300	

R

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WATER Lab Sample ID: C1L070279 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5442AA Date Extracted: 12/11/01
Dilution factor: 3 Date Analyzed: 12/18/01
Moisture %: NA

QC Batch: 1347091

Client Sample Id: CP09-PZM010 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	R
78-59-1	Isophorone	30	U	
120-58-1	Isosafrole	60	U	
91-80-5	Methapyrilene	150	U	
95-53-4	o-Toluidine	60	U	
56-49-5	3-Methylcholanthrene	150	U	
66-27-3	Methyl methanesulfonate	30	U	
91-57-6	2-Methylnaphthalene	6.9	J	
95-48-7	2-Methylphenol	7.2	J	
106-44-5	4-Methylphenol	48		
91-20-3	Naphthalene	140		
130-15-4	1,4-Naphthoquinone	150	U	R
134-32-7	1-Naphthylamine	30	U	
91-59-8	2-Naphthylamine	30	U	
88-74-4	2-Nitroaniline	150	U	
99-09-2	3-Nitroaniline	150	U	
100-01-6	4-Nitroaniline	150	U	
98-95-3	Nitrobenzene	30	U	
88-75-5	2-Nitrophenol	30	U	
100-02-7	4-Nitrophenol	150	U	
56-57-5	4-Nitroquinoline-1-oxide	300	U	
924-16-3	N-Nitrosodi-n-butylamine	30	U	
55-18-5	N-Nitrosodiethylamine	30	U	
62-75-9	N-Nitrosodimethylamine	30	U	
621-64-7	N-Nitrosodi-n-propylamine	30	U	
86-30-6	N-Nitrosodiphenylamine	30	U	
10595-95-6	N-Nitrosomethylethylamine	30	U	
59-89-2	N-Nitrosomorpholine	30	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L070279 003 JL

Sample WT/Vol: 1000 / mL
Work Order: EP5442AA
Dilution factor: 3
Moisture %:NA

Date Received: 12/07/01
Date Extracted:12/11/01
Date Analyzed: 12/18/01

QC Batch: 1347091

Client Sample Id: CP09-PZM010 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	30	U
930-55-2	N-Nitrosopyrrolidine	30	U
99-55-8	5-Nitro-o-toluidine	60	U
608-93-5	Pentachlorobenzene	30	U
76-01-7	Pentachloroethane	150	U
82-68-8	Pentachloronitrobenzene	150	U
87-86-5	Pentachlorophenol	150	U
62-44-2	Phenacetin	60	U
85-01-8	Phenanthrene	5.5	J
108-95-2	Phenol	180	
106-50-3	p-Phenylene diamine	600	U
109-06-8	2-Picoline	60	U
23950-58-5	Pronamide	60	U
129-00-0	Pyrene	30	U
110-86-1	Pyridine	60	U
94-59-7	Safrole	60	U
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U
58-90-2	2,3,4,6-Tetrachlorophenol	30	U
120-82-1	1,2,4-Trichlorobenzene	30	U
95-95-4	2,4,5-Trichlorophenol	30	U
88-06-2	2,4,6-Trichlorophenol	30	U
99-35-4	1,3,5-Trinitrobenzene	150	U
140-57-8	Aramite	150	U
108-60-1	2,2'-oxybis(1-Chloropropane)	30	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 003 JV
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5442AA Date Extracted:12/11/01
Dilution factor: 3 Date Analyzed: 12/18/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: CP09-PZM010 -RE 1

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

R

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP55E1AE Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
53-96-3	2-Acetylaminofluorene	20	U
92-67-1	4-Aminobiphenyl	50	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	**bis(2-Ethylhexyl) phthalate**	13	
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U

SMM 2/9/2002

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPA001

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L070279 004

Sample WT/Vol: 1000 / mL
Work Order: EP55E1AE
Dilution factor: 1
Moisture %: NA

Date Received: 12/07/01
Date Extracted: 12/11/01
Date Analyzed: 12/14/01

QC Batch: 1347091

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
87-65-0	2,6-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
60-11-7	p-Dimethylaminoazobenzene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	20	U
119-93-7	3,3'-Dimethylbenzidine	50	U
122-09-8	alpha,alpha-Dimethylphenethy	50	U
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
99-65-0	1,3-Dinitrobenzene	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
88-85-7	Dinoseb	20	U
122-39-4	Diphenylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
1888-71-7	Hexachloropropene	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP55E1AE Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
120-58-1	Isosafrole	20	U
91-80-5	Methapyrilene	50	U
95-53-4	o-Toluidine	20	U
56-49-5	3-Methylcholanthrene	50	U
66-27-3	Methyl methanesulfonate	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
130-15-4	1,4-Naphthoquinone	50	U
134-32-7	1-Naphthylamine	10	U
91-59-8	2-Naphthylamine	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
56-57-5	4-Nitroquinoline-1-oxide	100	U
924-16-3	N-Nitrosodi-n-butylamine	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
59-89-2	N-Nitrosomorpholine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP55E1AE Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
100-75-4	N-Nitrosopiperidine	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
99-55-8	5-Nitro-o-toluidine	20	U
608-93-5	Pentachlorobenzene	10	U
76-01-7	Pentachloroethane	50	U
82-68-8	Pentachloronitrobenzene	50	U
87-86-5	Pentachlorophenol	50	U
62-44-2	Phenacetin	20	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
106-50-3	p-Phenylene diamine	200	U
109-06-8	2-Picoline	20	U
23950-58-5	Pronamide	20	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U
94-59-7	Safrole	20	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
99-35-4	1,3,5-Trinitrobenzene	50	U
140-57-8	Aramite	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER Lab Sample ID:C1L070279 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP55E1AE Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: EQUIPMENT BLANK

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K280204 001

Sample WT/Vol: 1000 / mL
Work Order: EPLCQ1AD
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/05/01

QC Batch: 1333509

Client Sample Id: TM08-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

SMM 2/8/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K280204 002

Sample WT/Vol: 1000 / mL
Work Order: EPLCR1AD
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/05/01

QC Batch: 1333509

Client Sample Id: TM08-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL
MATRIX SPIKE COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K280204 002

Sample WT/Vol: 1000 / mL
Work Order: EPLCR1C5
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/05/01

QC Batch: 1333509

Client Sample Id: TM08-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	7.20	
11096-82-5	Aroclor 1260	8.27	

smt 2/6/2002

FORM I

CH2M HILL
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K280204 002

Sample WT/Vol: 1000 / mL
Work Order: EPLCR1C6
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/05/01

QC Batch: 1333509

Client Sample Id: TM08-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	7.84	
11096-82-5	Aroclor 1260	8.36	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K280204 003

Sample WT/Vol: 1000 / mL
Work Order: EPLCV1AD
Dilution factor: 1
Moisture %:

Date Received: 11/28/01
Date Extracted:11/29/01
Date Analyzed: 12/06/01

QC Batch: 1333509

Client Sample Id: TM08-PZM038DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

smt 12/4/01

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300226 003

Sample WT/Vol: 1000 / mL
Work Order: EPQFP1AD
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337530

Client Sample Id: TM09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WA
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1K300226 005

Sample WT/Vol: 1000 / mL
Work Order: EPQFT1AD
Dilution factor: 1
Moisture %:

Date Received: 11/29/01
Date Extracted:12/03/01
Date Analyzed: 12/06/01

QC Batch: 1337530

Client Sample Id: HI02-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

SMK 2/18/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L050241 001

Sample WT/Vol: 1000 / mL
Work Order: EP06K1AC
Dilution factor: 1
Moisture %:NA

Date Received: 12/05/01
Date Extracted:12/06/01
Date Analyzed: 12/07/01

QC Batch: 1340519

Client Sample Id: TM13-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L050241 002

Sample WT/Vol: 1000 / mL
Work Order: EP06V1AE
Dilution factor: 1
Moisture %:NA

Date Received: 12/05/01
Date Extracted:12/06/01
Date Analyzed: 12/07/01

QC Batch: 1340519

Client Sample Id: TM13-PZM046

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

SM 2/8/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L050241 003

Sample WT/Vol: 1000 / mL
Work Order: EP06X1AE
Dilution factor: 1
Moisture %:NA

Date Received: 12/05/01
Date Extracted:12/06/01
Date Analyzed: 12/07/01

QC Batch: 1340519

Client Sample Id: TM09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L050241 004

Sample WT/Vol: 1000 / mL
Work Order: EP0601AE
Dilution factor: 1
Moisture %:NA

Date Received: 12/05/01
Date Extracted:12/06/01
Date Analyzed: 12/07/01

QC Batch: 1340519

Client Sample Id: HI02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L070279 001

Sample WT/Vol: 1000 / mL
Work Order: EP54E1AE
Dilution factor: 1
Moisture %:NA

Date Received: 12/07/01
Date Extracted:12/10/01
Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: CP09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL
MATRIX SPIKE COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L070279 001

Sample WT/Vol: 1000 / mL
Work Order: EP54E1AF
Dilution factor: 1
Moisture %:NA

Date Received: 12/07/01
Date Extracted:12/10/01
Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: CP09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	8.29	
11096-82-5	Aroclor 1260	9.15	

CH2M HILL
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L070279 001

Sample WT/Vol: 1000 / mL
Work Order: EP54E1AG
Dilution factor: 1
Moisture %:NA

Date Received: 12/07/01
Date Extracted:12/10/01
Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: CP09-PZM047

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	7.57	
11096-82-5	Aroclor 1260	8.44	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L070279 002

Sample WT/Vol: 1000 / mL
Work Order: EP54W1AF
Dilution factor: 1
Moisture %:NA

Date Received: 12/07/01
Date Extracted:12/10/01
Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: CP09-PZM047 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L070279 003

Sample WT/Vol: 1000 / mL
Work Order: EP5441AC
Dilution factor: 1
Moisture %:NA

Date Received: 12/07/01
Date Extracted:12/10/01
Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: CP09-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPA001

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L070279 004

Sample WT/Vol: 1000 / mL
Work Order: EP55E1AF
Dilution factor: 1
Moisture %:NA

Date Received: 12/07/01
Date Extracted:12/10/01
Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: EQUIPMENT BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPA001
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- X • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- X • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X • Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/21/2002
Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

All chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

4.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

5.0 *ICP INTERFERENCE CHECK SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The positive results reported for the inorganic analytes presented on page 4 are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results for these analytes has indicated this.

Analyte	Qualified Results
Available Cyanide	CP09-PZM047-01C, CP09-PZM047-01C DUP, TM13-PZM046-01C
Arsenic	CP09-PZM047-01C, HI02-PZM006-01C
Beryllium	CP09-PZM010-01C, CP09-PZM047-01C, CP09-PZM047-01C DUP, HI02-PZM006-01C, TM08-PZM007-01C, TM08-PZM038-01C, TM08-PZM038-01C DUP, TM09-PZM007-01C, TM09-PZM047-01C, TM13-PZM007-01C, TM13-PZM046-01C
Copper	CP09-PZM047-01C, CP09-PZM047-01C DUP, HI02-PZM006-01C, TM08-PZM038-01C, TM08-PZM038-01C DUP, TM09-PZM047-01C, TM13-PZM007-01C, TM13-PZM046-01C
Magnesium	HI02-PZM006-01C, TM13-PZM007-01C
Manganese	HI02-PZM006-01C
Silver	HI02-PZM006-01C, TM08-PZM007-01C, TM09-PZM007-01C, TM09-PZM047-01C, TM13-PZM046-01C
Vanadium	TM09-PZM047-01C, TM13-PZM046-01C
Zinc	CP09-PZM047-01C, CP09-PZM047-01C DUP, HI02-PZM006-01C, TM09-PZM047-01C, TM13-PZM007-01C

7.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

Positive results for manganese for the samples are biased low quantitative estimates and may be higher than reported. The associated matrix spike recovery was below the acceptance limit for this analyte. The low recovery indicates the presence of interferences for arsenic for samples of

similar matrix. Positive results have been marked with "L" qualifiers to indicate that they are biased low.

Positive mercury results for the samples are biased low quantitative estimates and may be higher than reported. Detection limits for this analyte have been rejected, and should be considered suspect. The associated matrix spike recovery was below less than 30 percent for this analyte. The low recovery indicates the presence of severe interferences for mercury for samples of similar matrix. Positive results have been marked with "L" qualifiers to indicate that they are biased low. Detection limits are marked "R" to indicate that they are suspect.

8.0 LABORATORY DUPLICATE RESULTS

The positive potassium results reported for the samples should be considered quantitative estimates. The laboratory duplicate precision criterion was exceeded for this analyte. This lack of precision may be due to sample heterogeneity. The positive potassium results for these samples have been marked with "J" qualifiers to indicate that they are quantitative estimates.

9.0 ICP SERIAL DILUTION RESULTS

The positive iron results for the samples should be considered quantitative estimates. The ICP serial dilution criterion was exceeded for this analyte. The lack of precision may be due to interferences in samples of similar matrix. The positive results have been marked with "J" qualifiers to indicate that they are quantitative estimates.

10.0 FIELD DUPLICATE RESULTS

Duplicate sample pairs CP09-PZM010-01C and CP09-PZM010-01C DUP, and TM08-PZ038 and TM08-PZ038 DUP were submitted to the laboratory evaluate sampling and analytical precision for those analytes determined to be present. Results for these duplicate samples are presented in Tables 2 and 3. There are no USEPA-established acceptance criteria for field

duplicate samples. EDQ uses internal acceptance criterion of 25 percent for values greater than five times the QL (or ± the QL for results less than five times the QL).

11.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

12.0 GFAA POST-DIGESTION SPIKE/DUPLICATE BURN

Not Applicable.

13.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

14.0 QUANTITATION/REPORTING LIMITS

The laboratory reported results for metals detected in samples at concentrations greater than the instrument detection limit, but less than the QL with "B" flags. EDQ has flagged results for metals below the QL with "J" qualifiers to indicate that they are quantitative estimates.

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

Table 3 Field Duplicate Sample Results for Inorganic Analyses
Ground Water Duplicate Samples TM08-PZM038-01C and TM08-PZM038-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	TM08-PZM038-01C (µg/L)		TM08-PZM038-01C DUP (µg/L)			
Arsenic	8.4	J	7	J	NC	
Barium	611		603		1.3	
Beryllium	2.7	B	3.0	B	NC	
Calcium	193000		197000		2.1	
Chromium	1.4	J	4.6	J	106.7	Less Than 5 X QL
Cobalt	1.3	J	1.4	J	7.4	
Copper	3.4	B	4.2	B	NC	
Iron	37500	J	37500	J	0.0	
Magnesium	76400		73500		3.9	
Manganese	275.0	L	276	L	0.4	
Nickel	ND		2.8	J	NC	
Potassium	56200	J	54200	J	3.6	
Sodium	714000		711000		0.4	
Vanadium	10.6	J	50.0	J	130.0	Less Than 5 X QL
Zinc	4.3	J	7.3	J	51.7	
Available Cyanide, mg/L	4.7		2.6	J	57.5	Less Than 5 X QL
Sulfide, mg/L	ND		2.6		NC	
Bicarbonate Alkalinity, mg/L	157		154		1.9	
Chloride, mg/L	1740		1710		1.7	
Sulfate, mg/L	171		188		9.5	

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP060 **Client ID:** HI02-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.5	~~B~~	J 1	ICPST	1/7/02	19:53
Arsenic	189.04	2.0	10.0	2.1	~~B~~	B 1	ICPST	1/7/02	19:53
Barium	493.41	0.14	200	33.4	~~B~~	J 1	ICPST	1/7/02	19:53
Beryllium	313.04	0.40	5.0	0.83	~~B~~	B 1	ICPST	1/8/02	14:32
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/7/02	19:53
Calcium	317.93	12.2	5000	103000		1	ICPST	1/8/02	14:32
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/7/02	19:53
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/7/02	19:53
Copper	324.75	0.77	25.0	3.9	~~B~~	B 1	ICPST	1/7/02	19:53
Iron	271.44	45.0	100	45.0	~~UB~~	1	ICPST	1/7/02	19:53
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/7/02	19:53
Magnesium	279.08	7.1	5000	39.6	~~B~~	B 1	ICPST	1/7/02	19:53
Manganese	257.61	0.47	15.0	0.65	~~BN~~	B 1	ICPST	1/7/02	19:53
Nickel	231.60	2.4	40.0	2.9	~~B~~	J 1	ICPST	1/7/02	19:53
Potassium	766.49	519	5000	43100	~~B~~	J 1	ICP	1/2/02	20:01
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/7/02	19:53
Silver	328.07	0.75	5.0	1.1	~~B~~	B 1	ICPST	1/7/02	19:53
Sodium	589	15.0	5000	68300		1	ICP	1/2/02	20:01
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/7/02	19:53
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	20:01
Vanadium	292.40	1.5	50.0	182		1	ICPST	1/7/02	19:53
Zinc	213.86	1.5	20.0	2.1	~~B~~	B 1	ICPST	1/7/02	19:53

SML 2/9/2002

Comments: Lot #: C1L050241 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP06K **Client ID:** TM13-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/7/02	19:39
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/7/02	19:39
Barium	493.41	0.14	200	61.8	~~B~~ J	1	ICPST	1/7/02	19:39
Beryllium	313.04	0.40	5.0	2.9	~~B~~ B	1	ICPST	1/8/02	12:22
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/7/02	19:39
Calcium	317.93	12.2	5000	203000		1	ICPST	1/8/02	12:22
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/7/02	19:39
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/7/02	19:39
Copper	324.75	0.77	25.0	4.0	~~B~~ B	1	ICPST	1/7/02	19:39
Iron	271.44	45.0	100	235	~~E~~ J	1	ICPST	1/7/02	19:39
Lead	220.35	1.8	3.0	3.8		1	ICPST	1/7/02	19:39
Magnesium	279.08	7.1	5000	45.4	~~B~~ B	1	ICPST	1/7/02	19:39
Manganese	257.61	0.47	15.0	20.7	~~N~~ L	1	ICPST	1/7/02	19:39
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/7/02	19:39
Potassium	766.49	519	5000	47900	~~*~~ J	1	ICP	1/2/02	19:52
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/7/02	19:39
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/7/02	19:39
Sodium	589	15.0	5000	225000		1	ICP	1/2/02	19:52
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/7/02	19:39
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	19:52
Vanadium	292.40	1.5	50.0	141		1	ICPST	1/7/02	19:39
Zinc	213.86	1.5	20.0	6.0	~~B~~ B	1	ICPST	1/7/02	19:39

SMK 2/9/2002

Comments: Lot #: C1L050241 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP06V **Client ID:** TM13-PZM046

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/7/02	19:44
Arsenic	189.04	2.0	10.0	12.0		1	ICPST	1/7/02	19:44
Barium	493.41	0.14	200	126	~~B~~	J 1	ICPST	1/7/02	19:44
Beryllium	313.04	0.40	5.0	3.9	~~B~~	B 1	ICPST	1/8/02	12:27
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/7/02	19:44
Calcium	317.93	12.2	5000	76000		1	ICPST	1/8/02	12:27
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/7/02	19:44
Cobalt	228.62	0.86	50.0	6.5	~~B~~	J 1	ICPST	1/7/02	19:44
Copper	324.75	0.77	25.0	2.1	~~B~~	B 1	ICPST	1/7/02	19:44
Iron	271.44	45.0	100	68000	~~E~~	J 1	ICPST	1/7/02	19:44
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/7/02	19:44
Magnesium	279.08	7.1	5000	70800		1	ICPST	1/7/02	19:44
Manganese	257.61	0.47	15.0	3700	~~N~~	L 1	ICPST	1/7/02	19:44
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/7/02	19:44
Potassium	766.49	519	5000	10200	~~J~~	J 1	ICP	1/2/02	19:55
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/7/02	19:44
Silver	328.07	0.75	5.0	0.82	~~B~~	B 1	ICPST	1/7/02	19:44
Sodium	589	30.0	10000	694000		2	ICP	1/3/02	16:16
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/7/02	19:44
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	19:55
Vanadium	292.40	1.5	50.0	8.1	~~B~~	B 1	ICPST	1/7/02	19:44
Zinc	213.86	1.5	20.0	4.9	~~B~~	B 1	ICPST	1/7/02	19:44

SMK 2/9/2002

Comments: Lot #: C1L050241 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP06X **Client ID:** TM09-PZM047

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/7/02	19:48
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/7/02	19:48
Barium	493.41	0.14	200	315		1	ICPST	1/7/02	19:48
Beryllium	313.04	0.40	5.0	1.0	B	B 1	ICPST	1/8/02	14:28
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/7/02	19:48
Calcium	317.93	12.2	5000	151000		1	ICPST	1/8/02	14:28
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/7/02	19:48
Cobalt	228.62	0.86	50.0	0.87	B	J 1	ICPST	1/7/02	19:48
Copper	324.75	0.77	25.0	2.5	B	B 1	ICPST	1/7/02	19:48
Iron	271.44	45.0	100	87000	E	J 1	ICPST	1/7/02	19:48
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/7/02	19:48
Magnesium	279.08	7.1	5000	94000		1	ICPST	1/7/02	19:48
Manganese	257.61	0.47	15.0	2770	N	L 1	ICPST	1/7/02	19:48
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/7/02	19:48
Potassium	766.49	519	5000	28700	Y	J 1	ICP	1/2/02	19:58
Selenium	220.35	3.2	5.0	3.3	B	1	ICPST	1/7/02	19:48
Silver	328.07	0.75	5.0	0.86	B	B 1	ICPST	1/7/02	19:48
Sodium	589	75.0	25000	842000		5	ICP	1/3/02	16:20
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/7/02	19:48
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	19:58
Vanadium	292.40	1.5	50.0	11.6	B	B 1	ICPST	1/7/02	19:48
Zinc	213.86	1.5	20.0	2.4	B	B 1	ICPST	1/7/02	19:48

smt 2/9/02

Comments: Lot #: C1L050241 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP544 **Client ID:** CP09-PZM010

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/8/02	13:11
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/8/02	15:07
Barium	**493.41**	**0.14**	**200**	**887**		**1**	**ICPST**	**1/8/02**	**13:11**
Beryllium	**313.04**	**0.40**	**5.0**	**1.7**	**B**	**1**	**ICPST**	**1/8/02**	**15:07**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/8/02	15:07
Chromium	**267.72**	**1.1**	**5.0**	**1.9**	**J**	**1**	**ICPST**	**1/8/02**	**15:07**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/8/02	15:07
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/8/02	15:07
Lead	**220.35**	**1.8**	**3.0**	**3.3**		**1**	**ICPST**	**1/8/02**	**15:07**
Nickel	**231.60**	**2.4**	**40.0**	**34.2**	**J**	**1**	**ICPST**	**1/8/02**	**15:07**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/8/02	13:11
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/8/02	13:11
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/8/02	15:07
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	20:27
Vanadium	**292.40**	**1.5**	**50.0**	**22.4**	**J**	**1**	**ICPST**	**1/8/02**	**15:07**
Zinc	**213.86**	**1.5**	**20.0**	**3.6**	**J**	**1**	**ICPST**	**1/8/02**	**15:07**

Comments: Lot #: C1L070279 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP54E **Client ID:** CP09-PZM047

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/7/02	19:57
Arsenic	189.04	2.0	10.0	3.8	~~B~~ B	1	ICPST	1/7/02	19:57
Barium	493.41	0.14	200	106	~~B~~ J	1	ICPST	1/7/02	19:57
Beryllium	313.04	0.40	5.0	1.4	~~B~~ B	1	ICPST	1/8/02	14:36
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/7/02	19:57
Calcium	317.93	12.2	5000	77600		1	ICPST	1/8/02	14:36
Chromium	267.72	1.1	5.0	3.3	~~B~~ J	1	ICPST	1/7/02	19:57
Cobalt	228.62	0.86	50.0	2.3	~~B~~ J	1	ICPST	1/7/02	19:57
Copper	324.75	0.77	25.0	5.8	~~B~~ B	1	ICPST	1/7/02	19:57
Iron	271.44	45.0	100	7560	~~E~~ J	1	ICPST	1/7/02	19:57
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/7/02	19:57
Magnesium	279.08	7.1	5000	483000		1	ICPST	1/7/02	19:57
Manganese	257.61	0.47	15.0	976	~~N~~ L	1	ICPST	1/7/02	19:57
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/7/02	19:57
Potassium	766.49	519	5000	133000	~~*~~ J	1	ICP	1/2/02	20:05
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/7/02	19:57
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/7/02	19:57
Sodium	589	150	50000	3460000		10	ICP	1/3/02	16:23
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/7/02	19:57
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	20:05
Vanadium	292.40	1.5	50.0	58.3		1	ICPST	1/7/02	19:57
Zinc	213.86	1.5	20.0	9.7	~~B~~	B 1	ICPST	1/7/02	19:57

Comments: Lot #: C1L070279 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP54W **Client ID:** CP09-PZM047 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/8/02	13:06
Arsenic	**189.04**	**2.0**	**10.0**	**2.7**	B	1	**ICPST**	**1/8/02**	**14:54**
Barium	**493.41**	**0.14**	**200**	**96.2**	B	1	**ICPST**	**1/8/02**	**13:06**
Beryllium	**313.04**	**0.40**	**5.0**	**1.1**	B	1	**ICPST**	**1/8/02**	**14:54**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/8/02	14:54
Calcium	**317.93**	**12.2**	**5000**	**78900**		1	**ICPST**	**1/8/02**	**14:54**
Chromium	**267.72**	**1.1**	**5.0**	**6.0**		1	**ICPST**	**1/8/02**	**14:54**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/8/02	14:54
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/8/02	14:54
Iron	**271.44**	**45.0**	**100**	**7670**	E	1	**ICPST**	**1/8/02**	**14:54**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/8/02	14:54
Magnesium	**279.08**	**7.1**	**5000**	**511000**		1	**ICPST**	**1/8/02**	**13:06**
Manganese	**257.61**	**0.47**	**15.0**	**838**	N	1	**ICPST**	**1/8/02**	**14:54**
Nickel	**231.60**	**2.4**	**40.0**	**4.5**	B	1	**ICPST**	**1/8/02**	**14:54**
Potassium	**766.49**	**519**	**5000**	**131000**		1	**ICP**	**1/2/02**	**20:23**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/8/02	13:06
Silver	**328.07**	**0.75**	**5.0**	**1.8**	B	1	**ICPST**	**1/8/02**	**13:06**
Sodium	**589**	**150**	**50000**	**3410000**		10	**ICP**	**1/3/02**	**16:42**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/8/02	14:54
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	20:23
Vanadium	**292.40**	**1.5**	**50.0**	**52.7**		1	**ICPST**	**1/8/02**	**14:54**
Zinc	**213.86**	**1.5**	**20.0**	**1.8**	B	1	**ICPST**	**1/8/02**	**14:54**

Comments: Lot #: C1L070279 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP55E **Client ID:** EQUIPMENT BLANK

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/8/02	13:19
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/8/02	15:16
Barium	**493.41**	**0.14**	**200**	**13.0**	**J**	**1**	**ICPST**	**1/8/02**	**13:19**
Beryllium	**313.04**	**0.40**	**5.0**	**1.6**	**J**	**1**	**ICPST**	**1/8/02**	**15:16**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/8/02	15:16
Calcium	**317.93**	**12.2**	**5000**	**6880**		**1**	**ICPST**	**1/8/02**	**15:16**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/8/02	15:16
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/8/02	15:16
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/8/02	15:16
Iron	271.44	45.0	100	45.0	U	1	ICPST	1/8/02	15:16
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/8/02	15:16
Magnesium	**279.08**	**7.1**	**5000**	**2430**	**J**	**1**	**ICPST**	**1/8/02**	**13:19**
Manganese	**257.61**	**0.47**	**15.0**	**1.0**	**J**	**1**	**ICPST**	**1/8/02**	**15:16**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/8/02	15:16
Potassium	**766.49**	**519**	**5000**	**667**	**J**	**1**	**ICP**	**1/2/02**	**20:30**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/8/02	13:19
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/8/02	13:19
Sodium	**589**	**15.0**	**5000**	**3020**	**J**	**1**	**ICP**	**1/2/02**	**20:30**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/8/02	15:16
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	20:30
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/8/02	15:16
Zinc	**213.86**	**1.5**	**20.0**	**7.8**	**J**	**1**	**ICPST**	**1/8/02**	**15:16**

Comments: Lot #: C1L070279 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLCQ **Client ID:** TM08-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/7/02	19:00
Arsenic	189.04	2.0	10.0	6.8	~~B~~ J	1	ICPST	1/7/02	19:00
Barium	493.41	0.14	200	79.2	~~B~~ J	1	ICPST	1/7/02	19:00
Beryllium	313.04	0.40	5.0	2.4	~~B~~ B	1	ICPST	1/8/02	11:51
Cadmium	226.50	0.63	5.0	0.72	~~B~~ J	1	ICPST	1/7/02	19:00
Chromium	267.72	1.1	5.0	161		1	ICPST	1/7/02	19:00
Cobalt	228.62	0.86	50.0	2.1	~~B~~ J	1	ICPST	1/7/02	19:00
Copper	324.75	0.77	25.0	30.0		1	ICPST	1/7/02	19:00
Lead	220.35	1.8	3.0	27.0		1	ICPST	1/7/02	19:00
Nickel	231.60	2.4	40.0	13.0	~~B~~ J	1	ICPST	1/7/02	19:00
Selenium	220.35	3.2	5.0	5.6		1	ICPST	1/7/02	19:00
Silver	328.07	0.75	5.0	1.1	~~B~~ B	1	ICPST	1/7/02	19:00
Thallium	190.86	5.7	10.0	5.7	~~U~~	1	ICPST	1/7/02	19:00
Tin	189.99	28.8	100	363		1	ICP	1/2/02	19:24
Vanadium	292.40	1.5	50.0	26.4	~~B~~ J	1	ICPST	1/7/02	19:00
Zinc	213.86	1.5	20.0	246		1	ICPST	1/7/02	19:00

Comments: Lot #: C1K280204 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLCR **Client ID:** TM08-PZM038

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/7/02	19:04
Arsenic	**189.04**	**2.0**	**10.0**	**8.4**	J	1	ICPST	**1/7/02**	**19:04**
Barium	**493.41**	**0.14**	**200**	**611**		1	ICPST	**1/7/02**	**19:04**
Beryllium	**313.04**	**0.40**	**5.0**	**2.7**	B	1	ICPST	**1/8/02**	**11:56**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/7/02	19:04
Calcium	**317.93**	**12.2**	**5000**	**193000**		1	ICPST	**1/8/02**	**11:56**
Chromium	**267.72**	**1.1**	**5.0**	**1.4**	J	1	ICPST	**1/7/02**	**19:04**
Cobalt	**228.62**	**0.86**	**50.0**	**1.3**	J	1	ICPST	**1/7/02**	**19:04**
Copper	**324.75**	**0.77**	**25.0**	**3.4**	B	1	ICPST	**1/7/02**	**19:04**
Iron	**271.44**	**45.0**	**100**	**37500**	J	1	ICPST	**1/7/02**	**19:04**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/7/02	19:04
Magnesium	**279.08**	**7.1**	**5000**	**76400**		1	ICPST	**1/7/02**	**19:04**
Manganese	**257.61**	**0.47**	**15.0**	**275**	L	1	ICPST	**1/7/02**	**19:04**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/7/02	19:04
Potassium	**766.49**	**519**	**5000**	**56200**	J	1	ICP	**1/2/02**	**19:27**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/7/02	19:04
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/7/02	19:04
Sodium	**589**	**30.0**	**10000**	**714000**		2	ICP	**1/3/02**	**13:27**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/7/02	19:04
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	19:27
Vanadium	**292.40**	**1.5**	**50.0**	**10.6**	J	1	ICPST	**1/7/02**	**19:04**
Zinc	**213.86**	**1.5**	**20.0**	**4.3**	J	1	ICPST	**1/7/02**	**19:04**

Comments: Lot #: C1K280204 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLCV **Client ID:** TM08-PZM038DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/7/02	19:30
Arsenic	189.04	2.0	10.0	7.0	B	J 1	ICPST	1/7/02	19:30
Barium	493.41	0.14	200	603		1	ICPST	1/7/02	19:30
Beryllium	313.04	0.40	5.0	3.0	B	B 1	ICPST	1/8/02	12:13
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/7/02	19:30
Calcium	317.93	12.2	5000	197000		1	ICPST	1/8/02	12:13
Chromium	267.72	1.1	5.0	4.6	B	J 1	ICPST	1/7/02	19:30
Cobalt	228.62	0.86	50.0	1.4	B	J 1	ICPST	1/7/02	19:30
Copper	324.75	0.77	25.0	4.2	B	B 1	ICPST	1/7/02	19:30
Iron	271.44	45.0	100	37500	E	J 1	ICPST	1/7/02	19:30
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/7/02	19:30
Magnesium	279.08	7.1	5000	73500		1	ICPST	1/7/02	19:30
Manganese	257.61	0.47	15.0	276	N	L 1	ICPST	1/7/02	19:30
Nickel	231.60	2.4	40.0	2.8	B	J 1	ICPST	1/7/02	19:30
Potassium	766.49	519	5000	54200	*	J 1	ICP	1/2/02	19:46
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/7/02	19:30
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/7/02	19:30
Sodium	589	30.0	10000	711000		2	ICP	1/3/02	16:13
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/7/02	19:30
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	19:46
Vanadium	292.40	1.5	50.0	9.3	B	J 1	ICPST	1/7/02	19:30
Zinc	213.86	1.5	20.0	7.3	B	J 1	ICPST	1/7/02	19:30

Comments: Lot #: C1K280204 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQFP **Client ID:** TM09-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/20/01 **Prep Batch:** 1354164

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/7/02	19:35
Arsenic	189.04	2.0	10.0	8.3	J	1	ICPST	1/7/02	19:35
Barium	493.41	0.14	200	69.6	J	1	ICPST	1/7/02	19:35
Beryllium	313.04	0.40	5.0	4.0	B	1	ICPST	1/8/02	12:18
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/7/02	19:35
Calcium	317.93	12.2	5000	87100		1	ICPST	1/8/02	12:18
Chromium	267.72	1.1	5.0	55.2		1	ICPST	1/7/02	19:35
Cobalt	228.62	0.86	50.0	4.0	J	1	ICPST	1/7/02	19:35
Copper	324.75	0.77	25.0	19.2	J	1	ICPST	1/7/02	19:35
Iron	271.44	45.0	100	6620	J	1	ICPST	1/7/02	19:35
Lead	220.35	1.8	3.0	42.1		1	ICPST	1/7/02	19:35
Magnesium	279.08	7.1	5000	806	J	1	ICPST	1/7/02	19:35
Manganese	257.61	0.47	15.0	374	L	1	ICPST	1/7/02	19:35
Nickel	231.60	2.4	40.0	5.2	J	1	ICPST	1/7/02	19:35
Potassium	766.49	519	5000	50500	J	1	ICP	1/2/02	19:49
Selenium	220.35	3.2	5.0	5.4		1	ICPST	1/7/02	19:35
Silver	328.07	0.75	5.0	0.89	B	1	ICPST	1/7/02	19:35
Sodium	589	15.0	5000	133000		1	ICP	1/2/02	19:49
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/7/02	19:35
Tin	189.99	28.8	100	28.8	U	1	ICP	1/2/02	19:49
Vanadium	292.40	1.5	50.0	107		1	ICPST	1/7/02	19:35
Zinc	213.86	1.5	20.0	188		1	ICPST	1/7/02	19:35

Comments: Lot #: C1K300226 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP060 **Client ID:** HI02-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	~~UN~~	R1	CVAA	12/15/01	10:03

Comments: Lot #: C1L050241 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP06K **Client ID:** TM13-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	~~UN~~	R1	CVAA	12/15/01	9:59

Comments: Lot #: C1L050241 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP06V **Client ID:** TM13-PZM046

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	~~UN~~	R1	CVAA	12/15/01	10:01

Comments: Lot #: C1L050241 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP06X **Client ID:** TM09-PZM047

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	10:02

Comments: Lot #: C1L050241 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP544 **Client ID:** CP09-PZM010

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	10:15

Comments: Lot #: C1L070279 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP54E **Client ID:** CP09-PZM047

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	~~U~~	1	CVAA	12/15/01	10:08

Comments: Lot #: C1L070279 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP54W **Client ID:** CP09-PZM047 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	~~UR~~	R 1	CVAA	12/15/01	10:13

Comments: Lot #: C1L070279 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP55E **Client ID:** EQUIPMENT BLANK

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	10:16

Comments: Lot #: C1L070279 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLCQ **Client ID:** TM08-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.090	~~BN~~ L	1	CVAA	12/15/01	9:50

Comments: Lot #: C1K280204 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLCR **Client ID:** TM08-PZM038

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	~~UN~~ R	1	CVAA	12/15/01	9:52

Comments: Lot #: C1K280204 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPLCV **Client ID:** TM08-PZM038DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	~~U~~	R1	CVAA	12/15/01	9:56

Comments: Lot #: C1K280204 Sample #: 3

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EPQFP **Client ID:** TM09-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348222

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.076	~~B~~ L	1	CVAA	12/15/01	9:58

Comments: Lot #: C1K300226 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

CH2MHILL BS Sparrows Point

Bicarbonate Alkalinity

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 310.1
Lot Number: C1K280204
Date/Time Received: 11/28/01 9:50:00AM
SDG Number: SPA001

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
TM08-PZM038	002	EPLCR1A4	157	mg/L	5.0	1	11/30/01 - 11/30/01	1334373
TM08-PZM038DUP	003	EPLCV1A4	154	mg/L	5.0	1	11/30/01 - 11/30/01	1334373
TM09-PZM007	003	EPQFP1A4	ND	mg/L	5.0	1	12/3/01 - 12/3/01	1337376
TM13-PZM007	001	EP06K1A4	37.1	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
TM13-PZM046	002	EP06V1A4	86.5	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
TM09-PZM047	003	EP06X1A4	173	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
HI02-PZM006	004	EP0601A4	16.5	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
CP09-PZM047	001	EP54E1DP	2000	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
CP09-PZM047 DUP	002	EP54W1A7	2370	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
EQUIPMENT BLANK	004	EP55E1A7	12.9	mg/L	5.0	1	12/19/01 - 12/19/01	1353500

CH2MHILL BS Sparrows Point

Available Cyanide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 1677 - Cyani
Lot Number: C1K280204
Date/Time Received: 11/28/01 9:50:00AM
SDG Number: SPA001

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
TM08-PZM007	001	EPLCQ1A0	0.20	mg/L	0.0020	1	11/30/01 - 11/30/01	1334180
TM08-PZM038	002	EPLCR1A0	4.7	mg/L	0.050	25	11/30/01 - 11/30/01	1334180
TM08-PZM038DUP	003	EPLCV1A0	2.6	mg/L	0.050	25	11/30/01 - 11/30/01	1334180
TM09-PZM007	003	EPQFP1A0	6.5 J	mg/L	0.10	50	12/5/01 - 12/5/01	1339140
HI02-PZM032	005	EPQFT1A0	0.031 J	mg/L	0.0020	1	12/5/01 - 12/5/01	1339140
TM13-PZM007	001	EP06K1AG	6.6 J	mg/L	0.050	25	12/17/01 - 12/17/01	1351428
TM13-PZM046	002	EP06V1AJ	0.0060 J B	mg/L	0.0020	1	12/17/01 - 12/17/01	1351428
TM09-PZM047	003	EP06X1AJ	0.055 J	mg/L	0.0020	1	12/17/01 - 12/17/01	1351428
HI02-PZM006	004	EP0601AJ	5.0 J	mg/L	0.010	5	12/17/01 - 12/17/01	1351428
CP09-PZM047	001	EP54E1AT	0.0038 J B	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
CP09-PZM047 DUP	002	EP54W1AK	0.0031 J B	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
CP09-PZM010	003	EP5441AG	1.4 J	mg/L	0.010	5	12/18/01 - 12/18/01	1353135
EQUIPMENT BLANK	004	EP55E1AK	0.00030 B J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135

B Estimated result. Result is less than RL and greater than or equal to the IDL.
J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

CH2MHILL BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1K280204
Date/Time Received: 11/28/01 9:50:00AM
SDG Number: SPA001

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
TM08-PZM038	002	EPLCR1A2	1740	mg/L	10.0	10	11/29/01 - 11/29/01	1337357
TM08-PZM038DUP	003	EPLCV1A2	1710	mg/L	10.0	10	11/29/01 - 11/29/01	1337357
TM09-PZM007	003	EPQFP1A2	194	mg/L	5.0	5	12/4/01 - 12/4/01	1338322
TM13-PZM007	001	EP06K1A2	411	mg/L	5.0	5	12/11/01 - 12/11/01	1346398
TM13-PZM046	002	EP06V1A2	1360	mg/L	25.0	25	12/11/01 - 12/11/01	1346398
TM09-PZM047	003	EP06X1A2	1770	mg/L	25.0	25	12/11/01 - 12/11/01	1346398
HI02-PZM006	004	EP0601A2	85.6	mg/L	1.0	1	12/11/01 - 12/11/01	1346398
CP09-PZM047	001	EP54E1DH	6090	mg/L	50.0	50	12/11/01 - 12/11/01	1346398
CP09-PZM047 DUP	002	EP54W1A5	5980	mg/L	50.0	50	12/11/01 - 12/11/01	1346398
EQUIPMENT BLANK	004	EP55E1A5	4.1	mg/L	1.0	1	12/11/01 - 12/11/01	1346398

CH2MHILL BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1K280204
Date/Time Received: 11/28/01 9:50:00AM
SDG Number: SPA001

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
TM08-PZM038	002	EPLCR1A3	171	mg/L	5.0	5	11/29/01 - 11/29/01	1333186
TM08-PZM038DUP	003	EPLCV1A3	188	mg/L	1.0	1	11/29/01 - 11/29/01	1333186
TM09-PZM007	003	EPQFP1A3	146	mg/L	1.0	1	12/4/01 - 12/4/01	1338323
TM13-PZM007	001	EP06K1A3	350	mg/L	5.0	5	12/11/01 - 12/11/01	1346400
TM13-PZM046	002	EP06V1A3	135	mg/L	1.0	1	12/11/01 - 12/11/01	1346400
TM09-PZM047	003	EP06X1A3	202	mg/L	5.0	5	12/11/01 - 12/11/01	1346400
HI02-PZM006	004	EP0601A3	198	mg/L	5.0	5	12/11/01 - 12/11/01	1346400
CP09-PZM047	001	EP54E1DL	15.0	mg/L	5.0	5	12/11/01 - 12/11/01	1346400
CP09-PZM047 DUP	002	EP54W1A6	18.1	mg/L	5.0	5	12/11/01 - 12/11/01	1346400
EQUIPMENT BLANK	004	EP55E1A6	16.6	mg/L	1.0	1	12/11/01 - 12/11/01	1346400

CH2MHILL BS Sparrows Point

Total Sulfide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: SW846 9030B/9034
Lot Number: C1K280204
Date/Time Received: 11/28/01 9:50:00AM
SDG Number: SPA001

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
TM08-PZM007	001	EPLCQ1A1	3.3	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
TM08-PZM038	002	EPLCR1A1	ND	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
TM08-PZM038DUP	003	EPLCV1A1	2.6	mg/L	1.0	1	11/29/01 - 11/29/01	1333179
TM09-PZM007	003	EPQFP1A1	ND	mg/L	1.0	1	12/3/01 - 12/5/01	1337448
HI02-PZM032	005	EPQFT1A1	ND	mg/L	1.0	1	12/3/01 - 12/5/01	1337448
TM13-PZM007	001	EP06K1AE	ND	mg/L	1.0	1	12/6/01 - 12/6/01	1340181
TM13-PZM046	002	EP06V1AG	ND	mg/L	1.0	1	12/6/01 - 12/6/01	1340181
TM09-PZM047	003	EP06X1AG	ND	mg/L	1.0	1	12/6/01 - 12/6/01	1340181
HI02-PZM006	004	EP0601AG	ND	mg/L	1.0	1	12/6/01 - 12/6/01	1340181
CP09-PZM047	001	EP54E1AL	ND	mg/L	1.0	1	12/13/01 - 12/13/01	1345275
CP09-PZM047 DUP	002	EP54W1AH	ND	mg/L	1.0	1	12/13/01 - 12/13/01	1345275
CP09-PZM010	003	EP5441AE	ND	mg/L	1.0	1	12/13/01 - 12/13/01	1345275
EQUIPMENT BLANK	004	EP55E1AH	ND	mg/L	1.0	1	12/13/01 - 12/13/01	1345275

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC004
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, and polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/25/2004

Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

The chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

5.0 *INSTRUMENT PERFORMANCE*

All criteria were met. No qualifiers were applied.

5.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

All criteria were met. No qualifiers were applied.

7.0 *SURROGATE COMPOUNDS*

All criteria were met. No qualifiers were applied.

8.0 *MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY*

All criteria were met. No qualifiers were applied.

9.0 *FIELD DUPLICATE RESULTS*

Duplicate samples CP08-PZM008-01C and CP08-PZM008-01C DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. Results for these duplicate samples are presented in Table 2. Precision is evaluated by calculating the relative percent difference (%RPD) between duplicate results. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criteria of twenty percent for volatile detected compounds (and 25 percent for extractable compounds) to evaluate aqueous field duplicate samples.

10.0 *LABORATORY CONTROL SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

11.0 *INTERNAL STANDARD PERFORMANCE*

All criteria were met. No qualifiers were applied.

12.0 *QUALITATIVE IDENTIFICATION*

All criteria were met. No qualifiers were applied.

13.0 *QUANTITATION/REPORTING LIMITS*

The samples presented on page 5 were reanalyzed at dilutions for volatile or semivolatile organic compounds. The dilution analyses were performed because responses for these compounds exceeded the linear range of the GC/MS instrument. The results for the affected compounds

have been reported from the diluted analysis. All other results have been reported from the initial analysis.

Sample	Fraction	Dilution Factor	Compound Reported From Dilution Analysis
CP05-PZM019-01C	VOA	1.67	Acetone, Benzene
CP08-PZM008-01C	SVOA	8.0	Naphthalene
CP08-PZM008-01C DUP	SVOA	10.0	Naphthalene
CP11-PZM010-01C	VOA	3.0	Acetone, Benzene
TS07-PPM005-01C	VOA	10.0	Benzene, Toluene

The samples presented on page 6 were analyzed at dilutions. The dilution analyses were performed because of the suspected presence of high levels of target compounds and/or interferences. Quantitation limits are elevated by the dilution factor for these samples for target compounds that were not detected. The elevated quantitation limits should be noted when assessing the data for these samples.

Sample	Fraction	Dilution Factor
CP05-PZM028-01C	VOA	5.0
	SVOA	10.0
CP05-PZM019-01C	SVOA	2.0
CP07-PZM006-01C	VOA	50.0
	SVOA	10.0
CP08-PZM008-01C	VOA	650
	SVOA	5.0
CP08-PZM008-01C DUP	VOA	650
CP11-PZM010-01C	SVOA	5.0
CP11-PZM040-01C	VOA	2.05

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits (QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36G1AE Date Extracted:12/10/01
Dilution factor: 5 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	50	U
208-96-8	**Acenaphthylene**	**14**	**J**
120-12-7	**Anthracene**	**4.7**	**J**
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	**Dibenzofuran**	**14**	**J**
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
91-94-1	3,3'-Dichlorobenzidine	250	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U
119-93-7	3,3'-Dimethylbenzidine	250	U

smk 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36G1AE Date Extracted:12/10/01
Dilution factor: 5 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	**2,4-Dimethylphenol**	53		
131-11-3	Dimethyl phthalate	50	U	
117-84-0	Di-n-octyl phthalate	50	U	
534-52-1	4,6-Dinitro-2-methylphenol	250	U	
51-28-5	2,4-Dinitrophenol	250	U	
121-14-2	2,4-Dinitrotoluene	50	U	
606-20-2	2,6-Dinitrotoluene	50	U	
206-44-0	**Fluoranthene**	4.8	J	
86-73-7	**Fluorene**	20	J	
118-74-1	Hexachlorobenzene	50	U	
87-68-3	Hexachlorobutadiene	50	U	
77-47-4	Hexachlorocyclopentadiene	250	U	
67-72-1	Hexachloroethane	50	U	
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	
78-59-1	Isophorone	50	U	
91-57-6	**2-Methylnaphthalene**	32	J	
95-48-7	**2-Methylphenol**	38	J	
106-44-5	**4-Methylphenol**	51		
91-20-3	**Naphthalene**	450	E	R
98-95-3	Nitrobenzene	50	U	
88-75-5	2-Nitrophenol	50	U	
100-02-7	4-Nitrophenol	250	U	
76-01-7	Pentachloroethane	250	U	
87-86-5	Pentachlorophenol	250	U	
85-01-8	**Phenanthrene**	27	J	
108-95-2	**Phenol**	20	J	
129-00-0	Pyrene	50	U	
110-86-1	**Pyridine**	82	J	

smk 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36G1AE Date Extracted:12/10/01
Dilution factor: 5 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U
621-64-7	N-Nitrosodi-n-propylamine	50	U

smr 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36G2AE Date Extracted:12/10/01
Dilution factor: 8 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	80		U
208-96-8	**Acenaphthylene**	**17**	J	
120-12-7	Anthracene	80		U
56-55-3	Benzo(a)anthracene	80		U
205-99-2	Benzo(b)fluoranthene	80		U
207-08-9	Benzo(k)fluoranthene	80		U
191-24-2	Benzo(ghi)perylene	80		U
50-32-8	Benzo(a)pyrene	80		U
111-91-1	bis(2-Chloroethoxy)methane	80		U
111-44-4	bis(2-Chloroethyl) ether	80		U
117-81-7	bis(2-Ethylhexyl) phthalate	80		U
101-55-3	4-Bromophenyl phenyl ether	80		U
85-68-7	Butyl benzyl phthalate	80		U
59-50-7	4-Chloro-3-methylphenol	80		U
91-58-7	2-Chloronaphthalene	80		U
95-57-8	2-Chlorophenol	80		U
7005-72-3	4-Chlorophenyl phenyl ether	80		U
218-01-9	Chrysene	80		U
53-70-3	Dibenz(a,h)anthracene	80		U
132-64-9	**Dibenzofuran**	**17**	J	
84-74-2	Di-n-butyl phthalate	80		U
95-50-1	1,2-Dichlorobenzene	80		U
541-73-1	1,3-Dichlorobenzene	80		U
106-46-7	1,4-Dichlorobenzene	80		U
91-94-1	3,3'-Dichlorobenzidine	400		U
120-83-2	2,4-Dichlorophenol	80		U
84-66-2	Diethyl phthalate	80		U
119-93-7	3,3'-Dimethylbenzidine	400		U

R

SMK 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36G2AE Date Extracted:12/10/01
Dilution factor: 8 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	66	J	R
131-11-3	Dimethyl phthalate	80	U	
117-84-0	Di-n-octyl phthalate	80	U	
534-52-1	4,6-Dinitro-2-methylphenol	400	U	
51-28-5	2,4-Dinitrophenol	400	U	
121-14-2	2,4-Dinitrotoluene	80	U	
606-20-2	2,6-Dinitrotoluene	80	U	
206-44-0	Fluoranthene	80	U	
86-73-7	Fluorene	23	J	
118-74-1	Hexachlorobenzene	80	U	
87-68-3	Hexachlorobutadiene	80	U	
77-47-4	Hexachlorocyclopentadiene	400	U	
67-72-1	Hexachloroethane	80	U	
193-39-5	Indeno(1,2,3-cd)pyrene	80	U	
78-59-1	Isophorone	80	U	
91-57-6	2-Methylnaphthalene	37	J	
95-48-7	2-Methylphenol	44	J	
106-44-5	4-Methylphenol	58	J	
91-20-3	Naphthalene	570		
98-95-3	Nitrobenzene	80	U	R
88-75-5	2-Nitrophenol	80	U	
100-02-7	4-Nitrophenol	400	U	
76-01-7	Pentachloroethane	400	U	
87-86-5	Pentachlorophenol	400	U	
85-01-8	Phenanthrene	33	J	
108-95-2	Phenol	23	J	
129-00-0	Pyrene	80	U	
110-86-1	Pyridine	98	J	

SMK 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36G2AE Date Extracted:12/10/01
Dilution factor: 8 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	80	U
95-95-4	2,4,5-Trichlorophenol	80	U
88-06-2	2,4,6-Trichlorophenol	80	U
108-60-1	2,2'-oxybis(1-Chloropropane)	160	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36P1AF Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**5.4**	**J**
208-96-8	**Acenaphthylene**	**19**	
120-12-7	**Anthracene**	**4.8**	**J**
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**19**	
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smt 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36P1AF Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	80	~~U~~	R
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	5.3	J	
86-73-7	Fluorene	24		
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	50		
95-48-7	2-Methylphenol	49		
106-44-5	4-Methylphenol	67		
91-20-3	Naphthalene	450	~~U~~	R
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	32		
108-95-2	Phenol	16		
129-00-0	Pyrene	3.5	J	
110-86-1	Pyridine	110	~~U~~	R

SMK 2/14/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36P1AF Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 002 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36P2AF Date Extracted:12/10/01
Dilution factor: 10 Date Analyzed: 12/19/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	100	U	R
208-96-8	**Acenaphthylene**	**19**	J	
120-12-7	Anthracene	100	U	
56-55-3	Benzo(a)anthracene	100	U	
205-99-2	Benzo(b)fluoranthene	100	U	
207-08-9	Benzo(k)fluoranthene	100	U	
191-24-2	Benzo(ghi)perylene	100	U	
50-32-8	Benzo(a)pyrene	100	U	
111-91-1	bis(2-Chloroethoxy)methane	100	U	
111-44-4	bis(2-Chloroethyl) ether	100	U	
117-81-7	bis(2-Ethylhexyl) phthalate	100	U	
101-55-3	4-Bromophenyl phenyl ether	100	U	
85-68-7	Butyl benzyl phthalate	100	U	
59-50-7	4-Chloro-3-methylphenol	100	U	
91-58-7	2-Chloronaphthalene	100	U	
95-57-8	2-Chlorophenol	100	U	
7005-72-3	4-Chlorophenyl phenyl ether	100	U	
218-01-9	Chrysene	100	U	
53-70-3	Dibenz(a,h)anthracene	100	U	
132-64-9	**Dibenzofuran**	**19**	J	
84-74-2	Di-n-butyl phthalate	100	U	
95-50-1	1,2-Dichlorobenzene	100	U	
541-73-1	1,3-Dichlorobenzene	100	U	
106-46-7	1,4-Dichlorobenzene	100	U	
91-94-1	3,3'-Dichlorobenzidine	500	U	
120-83-2	2,4-Dichlorophenol	100	U	
84-66-2	Diethyl phthalate	100	U	
119-93-7	3,3'-Dimethylbenzidine	500	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5252AD Date Extracted:12/12/01
Dilution factor: 10 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: ~~TS07-PZM005 RE 1~~
TS07-PZM005-RE1
1/17/02 ACO

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	**Acetone**	**42**	J	R
71-43-2	**Benzene**	**180**		
75-25-2	Bromoform	10	U	R
78-93-3	2-Butanone	50	U	
75-15-0	Carbon disulfide	10	U	
56-23-5	Carbon tetrachloride	10	U	
108-90-7	Chlorobenzene	10	U	
75-00-3	Chloroethane	20	U	
67-66-3	Chloroform	10	U	
75-34-3	1,1-Dichloroethane	10	U	
107-06-2	1,2-Dichloroethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
156-60-5	trans-1,2-Dichloroethene	10	U	
78-87-5	1,2-Dichloropropane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
100-41-4	Ethylbenzene	10	U	
591-78-6	2-Hexanone	50	U	
75-09-2	Methylene chloride	20	U	
108-10-1	4-Methyl-2-pentanone	50	U	
630-20-6	1,1,1,2-Tetrachloroethane	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	
127-18-4	Tetrachloroethene	10	U	
108-88-3	**Toluene**	**28**		
71-55-6	1,1,1-Trichloroethane	10	U	R
79-00-5	1,1,2-Trichloroethane	10	U	
79-01-6	Trichloroethene	10	U	
75-01-4	Vinyl chloride	20	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5252AD Date Extracted:12/12/01
Dilution factor: 10 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: ~~TS07-PZM005-RE-1~~
TS07-PZM005-RE-1
1/17/02 AFD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	30		R

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5271AD Date Extracted:12/14/01
Dilution factor: 50 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1348212

Client Sample Id: CP07-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	500	U
71-43-2	**Benzene**	**1800**	
75-25-2	Bromoform	50	U
78-93-3	2-Butanone	250	U
75-15-0	Carbon disulfide	50	U
56-23-5	Carbon tetrachloride	50	U
108-90-7	Chlorobenzene	50	U
75-00-3	Chloroethane	100	U
67-66-3	Chloroform	50	U
75-34-3	1,1-Dichloroethane	50	U
107-06-2	1,2-Dichloroethane	50	U
75-35-4	1,1-Dichloroethene	50	U
156-60-5	trans-1,2-Dichloroethene	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
100-41-4	Ethylbenzene	50	U
591-78-6	2-Hexanone	250	U
75-09-2	Methylene chloride	100	U
108-10-1	4-Methyl-2-pentanone	250	U
630-20-6	1,1,1,2-Tetrachloroethane	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
127-18-4	Tetrachloroethene	50	U
108-88-3	**Toluene**	**97**	
71-55-6	1,1,1-Trichloroethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
79-01-6	Trichloroethene	50	U
75-01-4	Vinyl chloride	100	U

SMM 2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5271AD Date Extracted:12/14/01
Dilution factor: 50 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1348212

Client Sample Id: CP07-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	150	U

smk 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5291AD Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346572

Client Sample Id: CP07-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	**Benzene**	**4.4**	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	**0.36**	**J**
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5291AD Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346572

Client Sample Id: CP07-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53E1AD Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1346572

Client Sample Id: CP05-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	**69**	
71-43-2	**Benzene**	**18**	
75-25-2	Bromoform	1.0	U
78-93-3	**2-Butanone**	**9.1**	
75-15-0	**Carbon disulfide**	**1.9**	
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	**Ethylbenzene**	**0.53**	J
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	**2.4**	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smh 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53E1AD Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/13/01
Moisture %:NA

QC Batch: 1346572

Client Sample Id: CP05-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.3	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53H1AD Date Extracted:12/14/01
Dilution factor: 5 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1348212

Client Sample Id: CP05-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	50	U
71-43-2	**Benzene**	**120**	
75-25-2	Bromoform	5.0	U
78-93-3	2-Butanone	25	U
75-15-0	Carbon disulfide	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	25	U
75-09-2	Methylene chloride	10	U
108-10-1	4-Methyl-2-pentanone	25	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	**Toluene**	**6.6**	
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	10	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53H1AD Date Extracted:12/14/01
Dilution factor: 5 Date Analyzed: 12/14/01
Moisture %:NA

QC Batch: 1348212

Client Sample Id: CP05-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	15	U

SMK 2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53J1AD Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: CP05-PZM019

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	**Acetone**	**49**	~~E~~	R
71-43-2	**Benzene**	**49**	~~E~~	R
75-25-2	Bromoform	1.0	U	
78-93-3	**2-Butanone**	**7.4**		
75-15-0	**Carbon disulfide**	**1.2**		
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	**Ethylbenzene**	**1.3**		
591-78-6	**2-Hexanone**	**0.61**	J	
75-09-2	Methylene chloride	2.0	U	
108-10-1	**4-Methyl-2-pentanone**	**1.2**	J	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	**Toluene**	**9.9**		
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SMK 2/14/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53J1AD Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: CP05-PZM019

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	**Xylenes (total)**	**10**	

2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53J2AD Date Extracted:12/12/01
Dilution factor: 1.67 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: CP05-PZM019 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q		
67-64-1	Acetone	58			
71-43-2	Benzene	62			
75-25-2	Bromoform	1.7		U	R
78-93-3	2-Butanone	8.8			
75-15-0	Carbon disulfide	1.6	J		
56-23-5	Carbon tetrachloride	1.7		U	
108-90-7	Chlorobenzene	1.7		U	
75-00-3	Chloroethane	3.3		U	
67-66-3	Chloroform	1.7		U	
75-34-3	1,1-Dichloroethane	1.7		U	
107-06-2	1,2-Dichloroethane	1.7		U	
75-35-4	1,1-Dichloroethene	1.7		U	
156-60-5	trans-1,2-Dichloroethene	1.7		U	
78-87-5	1,2-Dichloropropane	1.7		U	
10061-01-5	cis-1,3-Dichloropropene	1.7		U	
10061-02-6	trans-1,3-Dichloropropene	1.7		U	
100-41-4	Ethylbenzene	1.7			
591-78-6	2-Hexanone	0.81	J		
75-09-2	Methylene chloride	3.3		U	
108-10-1	4-Methyl-2-pentanone	1.6	J		
630-20-6	1,1,1,2-Tetrachloroethane	1.7		U	
79-34-5	1,1,2,2-Tetrachloroethane	1.7		U	
127-18-4	Tetrachloroethene	1.7		U	
108-88-3	Toluene	13			
71-55-6	1,1,1-Trichloroethane	1.7		U	
79-00-5	1,1,2-Trichloroethane	1.7		U	
79-01-6	Trichloroethene	1.7		U	
75-01-4	Vinyl chloride	3.3		U	

SMM 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53J2AD Date Extracted:12/12/01
Dilution factor: 1.67 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: CP05-PZM019 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	13		R

sm 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53L1AA Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: TM15-PZM031

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	6.3	J
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	**Methylene chloride**	0.49	J
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53L1AA Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: TM15-PZM031

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	1.5	J

smk 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53R1AA Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: TRIP BLANKS

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP53R1AA Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: TRIP BLANKS

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

smL 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/08/01
Work Order: EP66H1AA Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1345179

Client Sample Id: GL08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/08/01
Work Order: EP66H1AA Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/11/01
Moisture %:NA

QC Batch: 1345179

Client Sample Id: GL08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/08/01
Work Order: EP66K1AM Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: EQUIPMENT BLANK #2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smh 2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/08/01
Work Order: EP66K1AM Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: EQUIPMENT BLANK #2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 001
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36G1AH Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: CP08-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 002
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36P1AG Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: CP08-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 003
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36R1AD Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: CP11-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 004
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36W1AP Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: CP11-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L060331 005

Sample WT/Vol: 1000 / mL
Work Order: EP36X1AG
Dilution factor: 1

Date Received: 12/06/01
Date Extracted:12/07/01
Date Analyzed: 12/13/01

QC Batch: 1341502

Client Sample Id: FM03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 001
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5231AD Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: CP03-PZM025

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 002
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5251AF Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: ~~TS07-PZM005~~
TS07-PPM005
1/17/02
ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L070271 003

Sample WT/Vol: 1000 / mL
Work Order: EP5271AF
Dilution factor: 1

Date Received: 12/07/01
Date Extracted:12/10/01
Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: CP07-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 004
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5291AF Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: CP07-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L070271 005

Sample WT/Vol: 1000 / mL
Work Order: EP53E1AF
Dilution factor: 1

Date Received: 12/07/01
Date Extracted:12/10/01
Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: CP05-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L070271 006

Sample WT/Vol: 1000 / mL
Work Order: EP53H1AF
Dilution factor: 1

Date Received: 12/07/01
Date Extracted:12/10/01
Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: CP05-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 007
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP53J1AF Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: CP05-PZM019

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 001
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/08/01
Work Order: EP66H1AD Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: GL08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 002
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/08/01
Work Order: EP66K1AP Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/14/01

QC Batch: 1344573

Client Sample Id: EQUIPMENT BLANK #2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 002 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36P2AF Date Extracted:12/10/01
Dilution factor: 10 Date Analyzed: 12/19/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	77	J
131-11-3	Dimethyl phthalate	100	U
117-84-0	Di-n-octyl phthalate	100	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
51-28-5	2,4-Dinitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	100	U
606-20-2	2,6-Dinitrotoluene	100	U
206-44-0	Fluoranthene	100	U
86-73-7	Fluorene	24	J
118-74-1	Hexachlorobenzene	100	U
87-68-3	Hexachlorobutadiene	100	U
77-47-4	Hexachlorocyclopentadiene	500	U
67-72-1	Hexachloroethane	100	U
193-39-5	Indeno(1,2,3-cd)pyrene	100	U
78-59-1	Isophorone	100	U
91-57-6	2-Methylnaphthalene	48	J
95-48-7	2-Methylphenol	54	J
106-44-5	4-Methylphenol	76	J
91-20-3	Naphthalene	710	
98-95-3	Nitrobenzene	100	U
88-75-5	2-Nitrophenol	100	U
100-02-7	4-Nitrophenol	500	U
76-01-7	Pentachloroethane	500	U
87-86-5	Pentachlorophenol	500	U
85-01-8	Phenanthrene	32	J
108-95-2	Phenol	36	J
129-00-0	Pyrene	100	U
110-86-1	Pyridine	140	J

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12/17/2001

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 002 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36P2AF Date Extracted:12/10/01
Dilution factor: 10 Date Analyzed: 12/19/01

QC Batch: 1344378

Client Sample Id: CP08-PZM008 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	200	U

SMK 2/14/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36R1AC Date Extracted:12/10/01
Dilution factor: 5 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP11-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	4.0	J
208-96-8	**Acenaphthylene**	8.5	J
120-12-7	Anthracene	50	U
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	**Dibenzofuran**	8.6	J
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
91-94-1	3,3'-Dichlorobenzidine	250	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U
119-93-7	3,3'-Dimethylbenzidine	250	U

SML 2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36R1AC Date Extracted:12/10/01
Dilution factor: 5 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP11-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	**2,4-Dimethylphenol**	**58**	
131-11-3	Dimethyl phthalate	50	U
117-84-0	Di-n-octyl phthalate	50	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
51-28-5	2,4-Dinitrophenol	250	U
121-14-2	2,4-Dinitrotoluene	50	U
606-20-2	2,6-Dinitrotoluene	50	U
206-44-0	**Fluoranthene**	**6.2**	**J**
86-73-7	**Fluorene**	**6.7**	**J**
118-74-1	Hexachlorobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
77-47-4	Hexachlorocyclopentadiene	250	U
67-72-1	Hexachloroethane	50	U
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
78-59-1	Isophorone	50	U
91-57-6	**2-Methylnaphthalene**	**12**	**J**
95-48-7	**2-Methylphenol**	**25**	**J**
106-44-5	**4-Methylphenol**	**90**	
91-20-3	**Naphthalene**	**98**	
98-95-3	Nitrobenzene	50	U
88-75-5	2-Nitrophenol	50	U
100-02-7	4-Nitrophenol	250	U
76-01-7	Pentachloroethane	250	U
87-86-5	Pentachlorophenol	250	U
85-01-8	**Phenanthrene**	**29**	**J**
108-95-2	**Phenol**	**290**	
129-00-0	Pyrene	50	U
110-86-1	**Pyridine**	**11**	**J**

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36R1AC Date Extracted:12/10/01
Dilution factor: 5 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP11-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U

SMT 2/14/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36W1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP11-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smt 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36W1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP11-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	1.1 ✓	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smt 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36W1AN Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP11-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36X1AF Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: FM03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMT 2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36X1AF Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: FM03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smr 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/06/01
Work Order: EP36X1AF Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: FM03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5231AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP03-PZM025

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5231AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP03-PZM025

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**0.92** ✓	**J**
86-73-7	**Fluorene**	**1.3** ✓	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smk 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5231AC Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/17/01

QC Batch: 1344378

Client Sample Id: CP03-PZM025

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5251AE Date Extracted:12/10/01
Dilution factor: 2 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: ~~TS07-PZM005~~
TS07-PPM005
1/17/02 AED

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	20	U
208-96-8	Acenaphthylene	20	U
120-12-7	Anthracene	20	U
56-55-3	Benzo(a)anthracene	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
191-24-2	Benzo(ghi)perylene	20	U
50-32-8	Benzo(a)pyrene	20	U
111-91-1	bis(2-Chloroethoxy)methane	20	U
111-44-4	bis(2-Chloroethyl) ether	20	U
117-81-7	bis(2-Ethylhexyl) phthalate	20	U
101-55-3	4-Bromophenyl phenyl ether	20	U
85-68-7	Butyl benzyl phthalate	20	U
59-50-7	4-Chloro-3-methylphenol	20	U
91-58-7	2-Chloronaphthalene	20	U
95-57-8	2-Chlorophenol	20	U
7005-72-3	4-Chlorophenyl phenyl ether	20	U
218-01-9	Chrysene	20	U
53-70-3	Dibenz(a,h)anthracene	20	U
132-64-9	Dibenzofuran	20	U
84-74-2	Di-n-butyl phthalate	20	U
95-50-1	1,2-Dichlorobenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
91-94-1	3,3'-Dichlorobenzidine	100	U
120-83-2	2,4-Dichlorophenol	20	U
84-66-2	Diethyl phthalate	20	U
119-93-7	3,3'-Dimethylbenzidine	100	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5251AE Date Extracted:12/10/01
Dilution factor: 2 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: ~~TS07-PZM005~~
TS07-PPM005
1/17/02 ACO

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	**2,4-Dimethylphenol**	**8.1**	**J**
131-11-3	Dimethyl phthalate	20	U
117-84-0	Di-n-octyl phthalate	20	U
534-52-1	4,6-Dinitro-2-methylphenol	100	U
51-28-5	2,4-Dinitrophenol	100	U
121-14-2	2,4-Dinitrotoluene	20	U
606-20-2	2,6-Dinitrotoluene	20	U
206-44-0	Fluoranthene	20	U
86-73-7	Fluorene	20	U
118-74-1	Hexachlorobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
77-47-4	Hexachlorocyclopentadiene	100	U
67-72-1	Hexachloroethane	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
78-59-1	Isophorone	20	U
91-57-6	**2-Methylnaphthalene**	**8.2**	**J**
95-48-7	**2-Methylphenol**	**2.7**	**J**
106-44-5	**4-Methylphenol**	**17**	**J**
91-20-3	**Naphthalene**	**100**	
98-95-3	Nitrobenzene	20	U
88-75-5	2-Nitrophenol	20	U
100-02-7	4-Nitrophenol	100	U
76-01-7	Pentachloroethane	100	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
108-95-2	**Phenol**	**21**	
129-00-0	Pyrene	20	U
110-86-1	Pyridine	40	U

SMK 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5251AE Date Extracted:12/10/01
Dilution factor: 2 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: ~~TS07-PZM005~~
TS07-PZM005
1/17/02

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5271AE Date Extracted:12/10/01
Dilution factor: 10 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP07-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	100	U
208-96-8	Acenaphthylene	100	U
120-12-7	Anthracene	100	U
56-55-3	Benzo(a)anthracene	100	U
205-99-2	Benzo(b)fluoranthene	100	U
207-08-9	Benzo(k)fluoranthene	100	U
191-24-2	Benzo(ghi)perylene	100	U
50-32-8	Benzo(a)pyrene	100	U
111-91-1	bis(2-Chloroethoxy)methane	100	U
111-44-4	bis(2-Chloroethyl) ether	100	U
117-81-7	bis(2-Ethylhexyl) phthalate	100	U
101-55-3	4-Bromophenyl phenyl ether	100	U
85-68-7	Butyl benzyl phthalate	100	U
59-50-7	4-Chloro-3-methylphenol	100	U
91-58-7	2-Chloronaphthalene	100	U
95-57-8	2-Chlorophenol	100	U
7005-72-3	4-Chlorophenyl phenyl ether	100	U
218-01-9	Chrysene	100	U
53-70-3	Dibenz(a,h)anthracene	100	U
132-64-9	Dibenzofuran	100	U
84-74-2	Di-n-butyl phthalate	100	U
95-50-1	1,2-Dichlorobenzene	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
91-94-1	3,3'-Dichlorobenzidine	500	U
120-83-2	2,4-Dichlorophenol	100	U
84-66-2	Diethyl phthalate	100	U
119-93-7	3,3'-Dimethylbenzidine	500	U



CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5271AE Date Extracted:12/10/01
Dilution factor: 10 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP07-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	**2,4-Dimethylphenol**	**600**	
131-11-3	Dimethyl phthalate	100	U
117-84-0	Di-n-octyl phthalate	100	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
51-28-5	2,4-Dinitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	100	U
606-20-2	2,6-Dinitrotoluene	100	U
206-44-0	Fluoranthene	100	U
86-73-7	Fluorene	100	U
118-74-1	Hexachlorobenzene	100	U
87-68-3	Hexachlorobutadiene	100	U
77-47-4	Hexachlorocyclopentadiene	500	U
67-72-1	Hexachloroethane	100	U
193-39-5	Indeno(1,2,3-cd)pyrene	100	U
78-59-1	Isophorone	100	U
91-57-6	2-Methylnaphthalene	100	U
95-48-7	**2-Methylphenol**	**20**	**J**
106-44-5	**4-Methylphenol**	**190**	
91-20-3	**Naphthalene**	**73**	**J**
98-95-3	Nitrobenzene	100	U
88-75-5	2-Nitrophenol	100	U
100-02-7	4-Nitrophenol	500	U
76-01-7	Pentachloroethane	500	U
87-86-5	Pentachlorophenol	500	U
85-01-8	Phenanthrene	100	U
108-95-2	**Phenol**	**12** ✓	**J**
129-00-0	Pyrene	100	U
110-86-1	Pyridine	200	U

SMT 2/14/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5271AE Date Extracted:12/10/01
Dilution factor: 10 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP07-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	200	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5291AE Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP07-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5291AE Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP07-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	**2,4-Dimethylphenol**	**3.9**	**J**
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	**4-Methylphenol**	**2.8**	**J**
91-20-3	**Naphthalene**	**22**	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**0.97**	**J**
108-95-2	**Phenol**	**16**	
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP5291AE Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP07-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP53E1AE Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP05-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**5.0**	**J**
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	**1.1**	**J**
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP53E1AE Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP05-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	**2,4-Dimethylphenol**	**10**	
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	**Fluorene**	**1.2**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	**2-Methylnaphthalene**	**3.7**	**J**
95-48-7	**2-Methylphenol**	**3.0**	**J**
106-44-5	**4-Methylphenol**	**27**	
91-20-3	**Naphthalene**	**31**	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**1.7**	**J**
108-95-2	**Phenol**	**58**	
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smt 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP53E1AE Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP05-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP53H1AE Date Extracted:12/10/01
Dilution factor: 10 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP05-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	**31**	**J**
208-96-8	Acenaphthylene	100	U
120-12-7	Anthracene	100	U
56-55-3	Benzo(a)anthracene	100	U
205-99-2	Benzo(b)fluoranthene	100	U
207-08-9	Benzo(k)fluoranthene	100	U
191-24-2	Benzo(ghi)perylene	100	U
50-32-8	Benzo(a)pyrene	100	U
111-91-1	bis(2-Chloroethoxy)methane	100	U
111-44-4	bis(2-Chloroethyl) ether	100	U
117-81-7	bis(2-Ethylhexyl) phthalate	100	U
101-55-3	4-Bromophenyl phenyl ether	100	U
85-68-7	Butyl benzyl phthalate	100	U
59-50-7	4-Chloro-3-methylphenol	100	U
91-58-7	2-Chloronaphthalene	100	U
95-57-8	2-Chlorophenol	100	U
7005-72-3	4-Chlorophenyl phenyl ether	100	U
218-01-9	Chrysene	100	U
53-70-3	Dibenz(a,h)anthracene	100	U
132-64-9	**Dibenzofuran**	**11**	**J**
84-74-2	Di-n-butyl phthalate	100	U
95-50-1	1,2-Dichlorobenzene	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
91-94-1	3,3'-Dichlorobenzidine	500	U
120-83-2	2,4-Dichlorophenol	100	U
84-66-2	Diethyl phthalate	100	U
119-93-7	3,3'-Dimethylbenzidine	500	U

SMK 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP53H1AE Date Extracted:12/10/01
Dilution factor: 10 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP05-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	100	U
131-11-3	Dimethyl phthalate	100	U
117-84-0	Di-n-octyl phthalate	100	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
51-28-5	2,4-Dinitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	100	U
606-20-2	2,6-Dinitrotoluene	100	U
206-44-0	Fluoranthene	100	U
86-73-7	**Fluorene**	**13**	**J**
118-74-1	Hexachlorobenzene	100	U
87-68-3	Hexachlorobutadiene	100	U
77-47-4	Hexachlorocyclopentadiene	500	U
67-72-1	Hexachloroethane	100	U
193-39-5	Indeno(1,2,3-cd)pyrene	100	U
78-59-1	Isophorone	100	U
91-57-6	**2-Methylnaphthalene**	**29**	**J**
95-48-7	2-Methylphenol	100	U
106-44-5	**4-Methylphenol**	**31**	**J**
91-20-3	**Naphthalene**	**680**	
98-95-3	Nitrobenzene	100	U
88-75-5	2-Nitrophenol	100	U
100-02-7	4-Nitrophenol	500	U
76-01-7	Pentachloroethane	500	U
87-86-5	Pentachlorophenol	500	U
85-01-8	Phenanthrene	100	U
108-95-2	**Phenol**	**450**	
129-00-0	Pyrene	100	U
110-86-1	Pyridine	200	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP53H1AE Date Extracted:12/10/01
Dilution factor: 10 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP05-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	200	U

smk 2/14/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP53J1AE Date Extracted:12/10/01
Dilution factor: 2 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP05-PZM019

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	6.7	J
208-96-8	**Acenaphthylene**	2.8	J
120-12-7	Anthracene	20	U
56-55-3	Benzo(a)anthracene	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
191-24-2	Benzo(ghi)perylene	20	U
50-32-8	Benzo(a)pyrene	20	U
111-91-1	bis(2-Chloroethoxy)methane	20	U
111-44-4	bis(2-Chloroethyl) ether	20	U
117-81-7	bis(2-Ethylhexyl) phthalate	20	U
101-55-3	4-Bromophenyl phenyl ether	20	U
85-68-7	Butyl benzyl phthalate	20	U
59-50-7	4-Chloro-3-methylphenol	20	U
91-58-7	2-Chloronaphthalene	20	U
95-57-8	2-Chlorophenol	20	U
7005-72-3	4-Chlorophenyl phenyl ether	20	U
218-01-9	Chrysene	20	U
53-70-3	Dibenz(a,h)anthracene	20	U
132-64-9	**Dibenzofuran**	1.6	J
84-74-2	Di-n-butyl phthalate	20	U
95-50-1	1,2-Dichlorobenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
91-94-1	3,3'-Dichlorobenzidine	100	U
120-83-2	2,4-Dichlorophenol	20	U
84-66-2	Diethyl phthalate	20	U
119-93-7	3,3'-Dimethylbenzidine	100	U

SM 1/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP53J1AE Date Extracted:12/10/01
Dilution factor: 2 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP05-PZM019

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	**2,4-Dimethylphenol**	**14**	**J**
131-11-3	Dimethyl phthalate	20	U
117-84-0	Di-n-octyl phthalate	20	U
534-52-1	4,6-Dinitro-2-methylphenol	100	U
51-28-5	2,4-Dinitrophenol	100	U
121-14-2	2,4-Dinitrotoluene	20	U
606-20-2	2,6-Dinitrotoluene	20	U
206-44-0	Fluoranthene	20	U
86-73-7	**Fluorene**	**2.2**	**J**
118-74-1	Hexachlorobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
77-47-4	Hexachlorocyclopentadiene	100	U
67-72-1	Hexachloroethane	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
78-59-1	Isophorone	20	U
91-57-6	**2-Methylnaphthalene**	**5.9**	**J**
95-48-7	**2-Methylphenol**	**4.5**	**J**
106-44-5	**4-Methylphenol**	**46**	
91-20-3	**Naphthalene**	**95**	
98-95-3	Nitrobenzene	20	U
88-75-5	2-Nitrophenol	20	U
100-02-7	4-Nitrophenol	100	U
76-01-7	Pentachloroethane	100	U
87-86-5	Pentachlorophenol	100	U
85-01-8	**Phenanthrene**	**1.9**	**J**
108-95-2	**Phenol**	**120**	
129-00-0	Pyrene	20	U
110-86-1	Pyridine	40	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/07/01
Work Order: EP53J1AE Date Extracted:12/10/01
Dilution factor: 2 Date Analyzed: 12/18/01

QC Batch: 1344378

Client Sample Id: CP05-PZM019

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/08/01
Work Order: EP66H1AC Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/15/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: GL08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMT 2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/08/01
Work Order: EP66H1AC Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/15/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: GL08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	**Fluorene**	**0.50**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**6.3**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**1.1**	**J**
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/08/01
Work Order: EP66H1AC Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/15/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: GL08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/08/01
Work Order: EP66K1AN Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/15/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: EQUIPMENT BLANK #2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/08/01
Work Order: EP66K1AN Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/15/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: EQUIPMENT BLANK #2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L080124 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/08/01
Work Order: EP66K1AN Date Extracted:12/11/01
Dilution factor: 1 Date Analyzed: 12/15/01
Moisture %:NA

QC Batch: 1347091

Client Sample Id: EQUIPMENT BLANK #2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36G1AA Date Extracted:12/10/01
Dilution factor: 650 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP08-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	6500	U
71-43-2	**Benzene**	**14000**	
75-25-2	Bromoform	650	U
78-93-3	2-Butanone	3200	U
75-15-0	Carbon disulfide	650	U
56-23-5	Carbon tetrachloride	650	U
108-90-7	Chlorobenzene	650	U
75-00-3	Chloroethane	1300	U
67-66-3	Chloroform	650	U
75-34-3	1,1-Dichloroethane	650	U
107-06-2	1,2-Dichloroethane	650	U
75-35-4	1,1-Dichloroethene	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
78-87-5	1,2-Dichloropropane	650	U
10061-01-5	cis-1,3-Dichloropropene	650	U
10061-02-6	trans-1,3-Dichloropropene	650	U
100-41-4	Ethylbenzene	650	U
591-78-6	2-Hexanone	3200	U
75-09-2	Methylene chloride	1300	U
108-10-1	4-Methyl-2-pentanone	3200	U
630-20-6	1,1,1,2-Tetrachloroethane	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U
127-18-4	Tetrachloroethene	650	U
108-88-3	**Toluene**	**3800**	
71-55-6	1,1,1-Trichloroethane	650	U
79-00-5	1,1,2-Trichloroethane	650	U
79-01-6	Trichloroethene	650	U
75-01-4	Vinyl chloride	1300	U

smt 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36G1AA Date Extracted:12/10/01
Dilution factor: 650 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP08-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	2000	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36P1AE Date Extracted:12/10/01
Dilution factor: 650 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP08-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	6500	U
71-43-2	**Benzene**	**14000**	
75-25-2	Bromoform	650	U
78-93-3	2-Butanone	3200	U
75-15-0	Carbon disulfide	650	U
56-23-5	Carbon tetrachloride	650	U
108-90-7	Chlorobenzene	650	U
75-00-3	Chloroethane	1300	U
67-66-3	Chloroform	650	U
75-34-3	1,1-Dichloroethane	650	U
107-06-2	1,2-Dichloroethane	650	U
75-35-4	1,1-Dichloroethene	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
78-87-5	1,2-Dichloropropane	650	U
10061-01-5	cis-1,3-Dichloropropene	650	U
10061-02-6	trans-1,3-Dichloropropene	650	U
100-41-4	Ethylbenzene	650	U
591-78-6	2-Hexanone	3200	U
75-09-2	Methylene chloride	1300	U
108-10-1	4-Methyl-2-pentanone	3200	U
630-20-6	1,1,1,2-Tetrachloroethane	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U
127-18-4	Tetrachloroethene	650	U
108-88-3	**Toluene**	**3600**	
71-55-6	1,1,1-Trichloroethane	650	U
79-00-5	1,1,2-Trichloroethane	650	U
79-01-6	Trichloroethene	650	U
75-01-4	Vinyl chloride	1300	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36P1AE Date Extracted:12/10/01
Dilution factor: 650 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP08-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	2100	

2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36R1AA Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP11-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	**130**	~~J~~ R
71-43-2	**Benzene**	**86**	~~J~~ R
75-25-2	Bromoform	1.0	U
78-93-3	**2-Butanone**	**18**	
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	**1,1-Dichloroethane**	**0.68**	J
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	**Ethylbenzene**	**0.95**	J
591-78-6	**2-Hexanone**	**0.83**	J
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	**7.8**	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36R1AA Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP11-PZM010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	13	

SMT 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36R2AA Date Extracted:12/10/01
Dilution factor: 3 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP11-PZM010 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	**Acetone**	**110**		R
71-43-2	**Benzene**	**62**		R
75-25-2	Bromoform	3.0	U	R
78-93-3	**2-Butanone**	**16**		
75-15-0	Carbon disulfide	3.0	U	
56-23-5	Carbon tetrachloride	3.0	U	
108-90-7	Chlorobenzene	3.0	U	
75-00-3	Chloroethane	6.0	U	
67-66-3	Chloroform	3.0	U	
75-34-3	1,1-Dichloroethane	3.0	U	
107-06-2	1,2-Dichloroethane	3.0	U	
75-35-4	1,1-Dichloroethene	3.0	U	
156-60-5	trans-1,2-Dichloroethene	3.0	U	
78-87-5	1,2-Dichloropropane	3.0	U	
10061-01-5	cis-1,3-Dichloropropene	3.0	U	
10061-02-6	trans-1,3-Dichloropropene	3.0	U	
100-41-4	Ethylbenzene	3.0	U	
591-78-6	2-Hexanone	15	U	
75-09-2	Methylene chloride	6.0	U	
108-10-1	4-Methyl-2-pentanone	15	U	
630-20-6	1,1,1,2-Tetrachloroethane	3.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	3.0	U	
127-18-4	Tetrachloroethene	3.0	U	
108-88-3	**Toluene**	**5.7**		
71-55-6	1,1,1-Trichloroethane	3.0	U	
79-00-5	1,1,2-Trichloroethane	3.0	U	
79-01-6	Trichloroethene	3.0	U	
75-01-4	Vinyl chloride	6.0	U	

smt 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36R2AA Date Extracted:12/10/01
Dilution factor: 3 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP11-PZM010 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	9.2		R

SMT 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36W1AM Date Extracted:12/10/01
Dilution factor: 25 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP11-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	1400	
71-43-2	Benzene	25	U
75-25-2	Bromoform	25	U
78-93-3	2-Butanone	120	U
75-15-0	Carbon disulfide	25	U
56-23-5	Carbon tetrachloride	25	U
108-90-7	Chlorobenzene	25	U
75-00-3	Chloroethane	50	U
67-66-3	Chloroform	25	U
75-34-3	1,1-Dichloroethane	25	U
107-06-2	1,2-Dichloroethane	25	U
75-35-4	1,1-Dichloroethene	25	U
156-60-5	trans-1,2-Dichloroethene	25	U
78-87-5	1,2-Dichloropropane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
100-41-4	Ethylbenzene	25	U
591-78-6	2-Hexanone	120	U
75-09-2	Methylene chloride	50	U
108-10-1	4-Methyl-2-pentanone	120	U
630-20-6	1,1,1,2-Tetrachloroethane	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
127-18-4	Tetrachloroethene	25	U
108-88-3	Toluene	25	U
71-55-6	1,1,1-Trichloroethane	25	U
79-00-5	1,1,2-Trichloroethane	25	U
79-01-6	Trichloroethene	25	U
75-01-4	Vinyl chloride	50	U

SMR 2/14/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36W1AM Date Extracted:12/10/01
Dilution factor: 25 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: CP11-PZM040

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	75	U

smk 2/14/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36X1AE Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: FM03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	3.1	J	
71-43-2	Benzene	0.35	J	
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	J
67-66-3	Chloroform	2.7		
75-34-3	1,1-Dichloroethane	8.5		
107-06-2	1,2-Dichloroethane	0.38	J	
75-35-4	1,1-Dichloroethene	0.50	J	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	0.64	J	
108-10-1	4-Methyl-2-pentanone	5.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	0.35	J	
71-55-6	1,1,1-Trichloroethane	3.8		
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SMK 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP36X1AE Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: FM03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP3611AA Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smr 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L060331 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP3611AA Date Extracted:12/10/01
Dilution factor: 1 Date Analyzed: 12/10/01
Moisture %:NA

QC Batch: 1344370

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5231AA Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346572

Client Sample Id: CP03-PZM025

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	53	
71-43-2	Benzene	0.29	J
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	0.72	J
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMM 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5231AA Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346572

Client Sample Id: CP03-PZM025

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMN 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5251AD Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: ~~TS07-PZM005~~
TS07-PPM005
1/17/02 HEO

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	**Acetone**	27		
71-43-2	**Benzene**	310	~~E~~	R
75-25-2	Bromoform	1.0	U	
78-93-3	**2-Butanone**	3.5	J	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	**Ethylbenzene**	2.1		
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	2.0	U	
108-10-1	**4-Methyl-2-pentanone**	0.74	J	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	**Toluene**	47	~~E~~	R
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SMK 2/11/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC004

Matrix: (soil/water) WATER Lab Sample ID:C1L070271 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/07/01
Work Order: EP5251AD Date Extracted:12/12/01
Dilution factor: 1 Date Analyzed: 12/12/01
Moisture %:NA

QC Batch: 1346141

Client Sample Id: ~~TS07-PZM005~~
TS07-PPM005
1/17/02

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	53	

FORM I

Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC004
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- X • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/22/00
Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

All chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

4.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

5.0 *ICP INTERFERENCE CHECK SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The positive results reported for the metals in the samples presented on page 4 are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results for these metals in these samples has indicated this.

Analyte	Qualified Results
Beryllium	CP03-PZM025-01C, CP05-PZM008-01C, CP05-PZM019-01C, CP05-PZM028-01C, CP07-PZM006-01C, CP07-PZM026-01C, CP08-PZM008-01C, CP08-PZM008-01C DUP, CP11-PZM010-01C, CP11-PZM040-01C, GL08-PZM036-01C, FM03-PZM005-01C, TS07-PPM005-01C
Chromium	CP03-PZM025-01C, CP05-PZM008-01C, CP05-PZM019-01C, CP05-PZM028-01C, CP07-PZM026-01C, CP08-PZM008-01C, CP11-PZM010-01C, CP11-PZM040-01C, GL08-PZM036-01C

7.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

8.0 LABORATORY DUPLICATE RESULTS

All criteria were met. No qualifiers were applied.

9.0 ICP SERIAL DILUTION RESULTS

All criteria were met. No qualifiers were applied.

10.0 *FIELD DUPLICATE RESULTS*

Duplicate samples CP08-PZM008-01C and CP08-PZM008-01C DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. Results for these duplicate samples are presented in Table 2. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criterion of 25 percent for values greater than five times the QL (or ± the QL for results less than five times the QL).

11.0 *LABORATORY CONTROL SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

12.0 *GFAA POST-DIGESTION SPIKE/DUPLICATE BURN*

Not Applicable.

13.0 *QUALITATIVE IDENTIFICATION*

All criteria were met. No qualifiers were applied.

14.0 *QUANTITATION/REPORTING LIMITS*

The laboratory reported results for metals detected in samples at concentrations greater than the instrument detection limit, but less than the QL with "B" flags. EDQ has flagged results for metals below the QL with "J" qualifiers to indicate that they are quantitative estimates.

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP36G **Client ID:** CP08-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	10:46
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/9/02	10:46
Barium	**493.41**	**0.14**	**200**	**109**	**B**	**J 1**	**ICPST**	**1/9/02**	**10:46**
Beryllium	**313.04**	**0.40**	**5.0**	**1.6**	**B**	**B 1**	**ICPST**	**1/9/02**	**10:46**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	10:46
Calcium	**317.93**	**12.2**	**5000**	**399000**		**1**	**ICPST**	**1/9/02**	**10:46**
Chromium	**267.72**	**1.1**	**5.0**	**4.5**	**B**	**B 1**	**ICPST**	**1/9/02**	**10:46**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	10:46
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	10:46
Iron	**271.44**	**45.0**	**100**	**70.7**	**B**	**J 1**	**ICPST**	**1/9/02**	**10:46**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	10:46
Magnesium	**279.08**	**7.1**	**5000**	**47.5**	**B**	**J 1**	**ICPST**	**1/9/02**	**10:46**
Manganese	**257.61**	**0.47**	**15.0**	**4.5**	**B**	**J 1**	**ICPST**	**1/9/02**	**10:46**
Nickel	**231.60**	**2.4**	**40.0**	**4.3**	**B**	**J 1**	**ICPST**	**1/9/02**	**10:46**
Potassium	**766.49**	**519**	**5000**	**52600**		**1**	**ICP**	**1/5/02**	**16:47**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	10:46
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	10:46
Sodium	**589**	**15.0**	**5000**	**75000**		**1**	**ICP**	**1/5/02**	**16:47**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	10:46
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	16:47
Vanadium	**292.40**	**1.5**	**50.0**	**52.4**		**1**	**ICPST**	**1/9/02**	**10:46**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	10:46

smk 2/5/2002

Comments: Lot #: C1L060331 Sample #: 1 NOTE: Sample analysis was not required for CA, FE, MG, MN, K and NA for this sample. Analytes were reported for batch Q.C. purposes.

Version 4.97.1

U Result is less than the MDL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP36P **Client ID:** CP08-PZM008 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	11:04
Arsenic	**189.04**	**2.0**	**10.0**	**2.9**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:04**
Barium	**493.41**	**0.14**	**200**	**114**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:04**
Beryllium	**313.04**	**0.40**	**5.0**	**1.5**	~~B~~ B	1	**ICPST**	**1/9/02**	**11:04**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	11:04
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	11:04
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	11:04
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	11:04
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	11:04
Nickel	**231.60**	**2.4**	**40.0**	**3.1**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:04**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	11:04
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	11:04
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	11:04
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:00
Vanadium	**292.40**	**1.5**	**50.0**	**57.2**		**1**	**ICPST**	**1/9/02**	**11:04**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	11:04

SMK 2/5/02

Comments: Lot #: C1L060331 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP36R **Client ID:** CP11-PZM010

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	11:08
Arsenic	**189.04**	**2.0**	**10.0**	**3.1**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:08**
Barium	**493.41**	**0.14**	**200**	**1460**		1	**ICPST**	**1/9/02**	**11:08**
Beryllium	**313.04**	**0.40**	**5.0**	**1.9**	~~B~~ B	1	**ICPST**	**1/9/02**	**11:08**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	11:08
Calcium	**317.93**	**24.4**	**10000**	**819000**		2	**ICPST**	**1/11/02**	**0:23**
Chromium	**267.72**	**1.1**	**5.0**	**3.5**	~~B~~ B	1	**ICPST**	**1/9/02**	**11:08**
Cobalt	**228.62**	**0.86**	**50.0**	**1.4**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:08**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	11:08
Iron	**271.44**	**45.0**	**100**	**209**		1	**ICPST**	**1/9/02**	**11:08**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	11:08
Magnesium	**279.08**	**7.1**	**5000**	**24.5**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:08**
Manganese	**257.61**	**0.47**	**15.0**	**7.1**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:08**
Nickel	**231.60**	**2.4**	**40.0**	**17.7**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:08**
Potassium	**766.49**	**519**	**5000**	**122000**		1	**ICP**	**1/5/02**	**17:03**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	11:08
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	11:08
Sodium	**589**	**30.0**	**10000**	**609000**		2	**ICP**	**1/7/02**	**12:33**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	11:08
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:03
Vanadium	**292.40**	**1.5**	**50.0**	**4.2**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:08**
Zinc	213.86	1.5	20.0	1.5	~~U~~	1	ICPST	1/9/02	11:08

SML 2/15/02

Comments: Lot #: C1L060331 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP36W **Client ID:** CP11-PZM040

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	11:13
Arsenic	**189.04**	**2.0**	**10.0**	**5.5**	~~B~~ J	1	ICPST	1/9/02	11:13
Barium	**493.41**	**0.14**	**200**	**57.0**	~~B~~ J	1	ICPST	1/9/02	11:13
Beryllium	**313.04**	**0.40**	**5.0**	**2.3**	~~B~~ B	1	ICPST	1/9/02	11:13
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	11:13
Calcium	**317.93**	**12.2**	**5000**	**68100**		1	ICPST	1/9/02	11:13
Chromium	**267.72**	**1.1**	**5.0**	**2.5**	~~B~~ B	1	ICPST	1/9/02	11:13
Cobalt	**228.62**	**0.86**	**50.0**	**1.7**	~~B~~ J	1	ICPST	1/9/02	11:13
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	11:13
Iron	**271.44**	**45.0**	**100**	**148**		1	ICPST	1/9/02	11:13
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	11:13
Magnesium	**279.08**	**7.1**	**5000**	**124000**		1	ICPST	1/9/02	11:13
Manganese	**257.61**	**0.47**	**15.0**	**15.1**		1	ICPST	1/9/02	11:13
Nickel	**231.60**	**2.4**	**40.0**	**5.4**	~~B~~ J	1	ICPST	1/9/02	11:13
Potassium	**766.49**	**519**	**5000**	**124000**		1	ICP	1/5/02	17:06
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	11:13
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	11:13
Sodium	**589**	**150**	**50000**	**2970000**		**10**	ICP	1/7/02	12:36
Thallium	**190.86**	**5.7**	**10.0**	**10.5**		1	ICPST	1/9/02	11:13
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:06
Vanadium	**292.40**	**1.5**	**50.0**	**15.3**	~~B~~ J	1	ICPST	1/9/02	11:13
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	11:13

SMK 2/15/2002

Comments: Lot #: C1L060331 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP36X **Client ID:** FM03-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	11:17
Arsenic	189.04	2.0	10.0	3.0	~~B~~	J 1	ICPST	1/9/02	11:17
Barium	493.41	0.14	200	23.2	~~B~~	J B C J 1	ICPST	1/9/02	11:17
Beryllium	313.04	0.40	5.0	7.3		1	ICPST	1/9/02	11:17
Cadmium	226.50	0.63	5.0	3.6	~~B~~	J 1	ICPST	1/9/02	11:17
Chromium	267.72	1.1	5.0	14.3		1	ICPST	1/9/02	11:17
Cobalt	228.62	0.86	50.0	58.0		1	ICPST	1/9/02	11:17
Copper	324.75	0.77	25.0	54.5		1	ICPST	1/9/02	11:17
Lead	220.35	1.8	3.0	7.5		1	ICPST	1/9/02	11:17
Nickel	231.60	2.4	40.0	277		1	ICPST	1/9/02	11:17
Selenium	220.35	16.0	25.0	16.0	U	5	ICPST	1/11/02	9:32
Silver	328.07	0.75	5.0	1.5	~~B~~	J 1	ICPST	1/9/02	11:17
Thallium	190.86	28.7	50.0	28.7	U	5	ICPST	1/11/02	13:14
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:09
Vanadium	292.40	1.5	50.0	14.3	~~B~~	J 1	ICPST	1/9/02	11:17
Zinc	213.86	1.5	20.0	1920		1	ICPST	1/9/02	11:17

SMK 2/8/2002

Comments: Lot #: C1L060331 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP523 **Client ID:** CP03-PZM025

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	11:21
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/9/02	11:21
Barium	**493.41**	**0.14**	**200**	**96.6**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:21**
Beryllium	**313.04**	**0.40**	**5.0**	**2.1**	~~B~~ B	1	**ICPST**	**1/9/02**	**11:21**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	11:21
Calcium	**317.93**	**12.2**	**5000**	**235000**		1	**ICPST**	**1/9/02**	**11:21**
Chromium	**267.72**	**1.1**	**5.0**	**3.9**	~~B~~ B	1	**ICPST**	**1/9/02**	**11:21**
Cobalt	**228.62**	**0.86**	**50.0**	**7.1**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:21**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	11:21
Iron	**271.44**	**45.0**	**100**	**3500**		1	**ICPST**	**1/9/02**	**11:21**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	11:21
Magnesium	**279.08**	**7.1**	**5000**	**337000**		1	**ICPST**	**1/9/02**	**11:21**
Manganese	**257.61**	**0.47**	**15.0**	**6360**		1	**ICPST**	**1/9/02**	**11:21**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/9/02	11:21
Potassium	**766.49**	**519**	**5000**	**108000**		1	**ICP**	**1/5/02**	**17:12**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	11:21
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	11:21
Sodium	**589**	**75.0**	**25000**	**1630000**		5	**ICP**	**1/7/02**	**12:39**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	11:21
Tin	**189.99**	**28.8**	**100**	**38.1**	~~B~~ J	1	**ICP**	**1/5/02**	**17:12**
Vanadium	**292.40**	**1.5**	**50.0**	**6.1**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:21**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	11:21

SMK 2/15/02

Comments: Lot #: C1L070271 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP525 **Client ID:** ~~TS07-PZM005~~ TS07-PPM005 1/17/02 dco

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	11:26
Arsenic	**189.04**	**2.0**	**10.0**	**3.5**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**11:26**
Barium	**493.41**	**0.14**	**200**	**428**		**1**	**ICPST**	**1/9/02**	**11:26**
Beryllium	**313.04**	**0.40**	**5.0**	**2.6**	~~B~~ B	**1**	**ICPST**	**1/9/02**	**11:26**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	11:26
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	11:26
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	11:26
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	11:26
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	11:26
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/9/02	11:26
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	11:26
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	11:26
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	11:26
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:22
Vanadium	**292.40**	**1.5**	**50.0**	**4.0**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**11:26**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	11:26

SMK 2/10/02

Comments: Lot #: C1L070271 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP527 **Client ID:** CP07-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	11:40
Arsenic	**189.04**	**2.0**	**10.0**	**12.2**		**1**	**ICPST**	**1/9/02**	**11:40**
Barium	**493.41**	**0.14**	**200**	**86.6**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**11:40**
Beryllium	**313.04**	**0.40**	**5.0**	**2.0**	~~B~~ B	**1**	**ICPST**	**1/9/02**	**11:40**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	11:40
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	11:40
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	11:40
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	11:40
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	11:40
Nickel	**231.60**	**2.4**	**40.0**	**6.8**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**11:40**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	11:40
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	11:40
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	11:40
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:25
Vanadium	**292.40**	**1.5**	**50.0**	**57.5**		**1**	**ICPST**	**1/9/02**	**11:40**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	11:40

SMK 2/5/02

Comments: Lot #: C1L070271 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP529 **Client ID:** CP07-PZM026

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	11:44
Arsenic	**189.04**	**2.0**	**10.0**	**3.3**	J	1	**ICPST**	**1/9/02**	**11:44**
Barium	**493.41**	**0.14**	**200**	**66.9**	J	1	**ICPST**	**1/9/02**	**11:44**
Beryllium	**313.04**	**0.40**	**5.0**	**2.3**	B	1	**ICPST**	**1/9/02**	**11:44**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	11:44
Chromium	**267.72**	**1.1**	**5.0**	**2.9**	B	1	**ICPST**	**1/9/02**	**11:44**
Cobalt	**228.62**	**0.86**	**50.0**	**3.7**	J	1	**ICPST**	**1/9/02**	**11:44**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	11:44
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	11:44
Nickel	**231.60**	**2.4**	**40.0**	**2.5**	J	1	**ICPST**	**1/9/02**	**11:44**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	11:44
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	11:44
Thallium	**190.86**	**5.7**	**10.0**	**6.5**	J	1	**ICPST**	**1/9/02**	**11:44**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:28
Vanadium	**292.40**	**1.5**	**50.0**	**3.1**	J	1	**ICPST**	**1/9/02**	**11:44**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	11:44

SML 2/15/2002

Comments: Lot #: C1L070271 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP53E **Client ID:** CP05-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	11:49
Arsenic	**189.04**	**2.0**	**10.0**	**2.2**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:49**
Barium	**493.41**	**0.14**	**200**	**743**		1	**ICPST**	**1/9/02**	**11:49**
Beryllium	**313.04**	**0.40**	**5.0**	**2.7**	~~B~~ B	1	**ICPST**	**1/9/02**	**11:49**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	11:49
Chromium	**267.72**	**1.1**	**5.0**	**1.4**	~~B~~ B	1	**ICPST**	**1/9/02**	**11:49**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	11:49
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	11:49
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	11:49
Nickel	**231.60**	**2.4**	**40.0**	**9.2**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:49**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	11:49
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	11:49
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	11:49
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:31
Vanadium	**292.40**	**1.5**	**50.0**	**12.2**	~~B~~ J	1	**ICPST**	**1/9/02**	**11:49**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	11:49

SMR 2/15/2002

Comments: Lot #: C1L070271 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP53H **Client ID:** CP05-PZM028

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	11:53
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/9/02	11:53
Barium	**493.41**	**0.14**	**200**	**224**		**1**	**ICPST**	**1/9/02**	**11:53**
Beryllium	**313.04**	**0.40**	**5.0**	**2.7**	B	B 1	**ICPST**	**1/9/02**	**11:53**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	11:53
Chromium	**267.72**	**1.1**	**5.0**	**1.4**	B	B 1	**ICPST**	**1/9/02**	**11:53**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	11:53
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	11:53
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	11:53
Nickel	**231.60**	**2.4**	**40.0**	**9.0**	B	J 1	**ICPST**	**1/9/02**	**11:53**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	11:53
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	11:53
Thallium	**190.86**	**5.7**	**10.0**	**7.9**	B	J 1	**ICPST**	**1/9/02**	**11:53**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:34
Vanadium	**292.40**	**1.5**	**50.0**	**8.2**	B	J 1	**ICPST**	**1/9/02**	**11:53**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	11:53

smt 2/15/2002

Comments: Lot #: C1L070271 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP53J **Client ID:** CP05-PZM019

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	12:01
Arsenic	**189.04**	**2.0**	**10.0**	**3.2**	**B**	**J 1**	**ICPST**	**1/9/02**	**12:01**
Barium	**493.41**	**0.14**	**200**	**1110**		**1**	**ICPST**	**1/9/02**	**12:01**
Beryllium	**313.04**	**0.40**	**5.0**	**3.0**	**B**	**B 1**	**ICPST**	**1/9/02**	**12:01**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	12:01
Chromium	**267.72**	**1.1**	**5.0**	**5.1**		**B 1**	**ICPST**	**1/9/02**	**12:01**
Cobalt	**228.62**	**0.86**	**50.0**	**1.2**	**B**	**J 1**	**ICPST**	**1/9/02**	**12:01**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	12:01
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	12:01
Nickel	**231.60**	**2.4**	**40.0**	**18.2**	**B**	**J 1**	**ICPST**	**1/9/02**	**12:01**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	12:01
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	12:01
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	12:01
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:38
Vanadium	**292.40**	**1.5**	**50.0**	**9.4**	**B**	**J 1**	**ICPST**	**1/9/02**	**12:01**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	12:01

SMK 2/15/2002

Comments: Lot #: C1L070271 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP66H **Client ID:** GL08-PZM036

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	12:05
Arsenic	**189.04**	**2.0**	**10.0**	**31.7**		**1**	**ICPST**	**1/9/02**	**12:05**
Barium	**493.41**	**0.14**	**200**	**56.0**	B J	**1**	**ICPST**	**1/9/02**	**12:05**
Beryllium	**313.04**	**0.40**	**5.0**	**3.4**	B B	**1**	**ICPST**	**1/9/02**	**12:05**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	12:05
Calcium	**317.93**	**12.2**	**5000**	**30800**		**1**	**ICPST**	**1/9/02**	**12:05**
Chromium	**267.72**	**1.1**	**5.0**	**3.0**	B B	**1**	**ICPST**	**1/9/02**	**12:05**
Cobalt	**228.62**	**0.86**	**50.0**	**1.0**	B J	**1**	**ICPST**	**1/9/02**	**12:05**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	12:05
Iron	**271.44**	**45.0**	**100**	**114000**		**1**	**ICPST**	**1/9/02**	**12:05**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	12:05
Magnesium	**279.08**	**7.1**	**5000**	**24500**		**1**	**ICPST**	**1/9/02**	**12:05**
Manganese	**257.61**	**0.47**	**15.0**	**3840**		**1**	**ICPST**	**1/9/02**	**12:05**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/9/02	12:05
Potassium	**766.49**	**519**	**5000**	**2210**	B J	**1**	**ICP**	**1/5/02**	**17:41**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	12:05
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	12:05
Sodium	**589**	**15.0**	**5000**	**96800**		**1**	**ICP**	**1/5/02**	**17:41**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	12:05
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:41
Vanadium	**292.40**	**1.5**	**50.0**	**10.4**	B J	**1**	**ICPST**	**1/9/02**	**12:05**
Zinc	**213.86**	**1.5**	**20.0**	**7.6**	B J	**1**	**ICPST**	**1/9/02**	**12:05**

SMT 1/18/2002

Comments: Lot #: C1L080124 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP66K **Client ID:** EQUIPMENT BLANK #2

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1349118

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	12:09
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/9/02	12:09
Barium	**493.41**	**0.14**	**200**	**57.8**	**B**	**1**	**ICPST**	**1/9/02**	**12:09**
Beryllium	**313.04**	**0.40**	**5.0**	**2.8**	**B**	**1**	**ICPST**	**1/9/02**	**12:09**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	12:09
Calcium	**317.93**	**12.2**	**5000**	**15600**		**1**	**ICPST**	**1/9/02**	**12:09**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	12:09
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	12:09
Copper	**324.75**	**0.77**	**25.0**	**5.1**	**B**	**1**	**ICPST**	**1/9/02**	**12:09**
Iron	271.44	45.0	100	45.0	U	1	ICPST	1/9/02	12:09
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	12:09
Magnesium	**279.08**	**7.1**	**5000**	**2220**	**B**	**1**	**ICPST**	**1/9/02**	**12:09**
Manganese	**257.61**	**0.47**	**15.0**	**0.82**	**B**	**1**	**ICPST**	**1/9/02**	**12:09**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/9/02	12:09
Potassium	766.49	519	5000	519	U	1	ICP	1/5/02	17:44
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	12:09
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	12:09
Sodium	**589**	**15.0**	**5000**	**4420**	**B**	**1**	**ICP**	**1/5/02**	**17:44**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	12:09
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	17:44
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/9/02	12:09
Zinc	**213.86**	**1.5**	**20.0**	**12.6**	**B**	**1**	**ICPST**	**1/9/02**	**12:09**

Comments: Lot #: C1L080124 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP36G **Client ID:** CP08-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	9:18

Comments: Lot #: C1L060331 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP36P **Client ID:** CP08-PZM008 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	9:22

Comments: Lot #: C1L060331 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP36R **Client ID:** CP11-PZM010

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.070	B	1	CVAA	12/15/01	9:24

Comments: Lot #: C1L060331 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP36W **Client ID:** CP11-PZM040

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	9:25

Comments: Lot #: CIL060331 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP36X **Client ID:** FM03-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	9:27

Comments: Lot #: C1L060331 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP523 **Client ID:** CP03-PZM025

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	9:28

Comments: Lot #: C1L070271 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP525 **Client ID:** ~~TS07-PZM005~~ TS07-PPM005 1/17/02 AED

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.063	~~B~~	J1	CVAA	12/15/01	9:32

SM 2/15/2002

Comments: Lot #: C1L070271 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP527 **Client ID:** CP07-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	9:34

Comments: Lot #: C1L070271 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP529 **Client ID:** CP07-PZM026

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.063	B	J1	CVAA	12/15/01	9:36

Comments: Lot #: C1L070271 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP53E **Client ID:** CP05-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	9:37

Comments: Lot #: C1L070271 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP53H **Client ID:** CP05-PZM028

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	B	J1	CVAA	12/15/01	9:39

smk 2/18/2002

Comments: Lot #: C1L070271 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP53J **Client ID:** CP05-PZM019

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.11	~~B~~ J	1	CVAA	12/15/01	9:40

Comments: Lot #: C1L070271 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP66H **Client ID:** GL08-PZM036

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	9:42

Comments: Lot #: C1L080124 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EP66K **Client ID:** EQUIPMENT BLANK #2

Matrix: Water **Units:** ug/L **Prep Date:** 12/15/01 **Prep Batch:** 1348218

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/15/01	9:43

Comments: Lot #: C1L080124 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

CH2M Hill BS Sparrows Point

Bicarbonate Alkalinity

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 310.1
Lot Number: C1L060331
Date/Time Received: 12/6/01 9:35:00AM
SDG Number: SPC004

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CP11-PZM010	003	EP36R1A4	ND	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
CP11-PZM040	004	EP36W1AF	216	mg/L	5.0	1	12/7/01 - 12/7/01	1341473
CP03-PZM025	001	EP5231A4	191	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
GL08-PZM036	001	EP66H1A4	80.3	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
EQUIPMENT BLANK #2	002	EP66K1AF	74.2	mg/L	5.0	1	12/19/01 - 12/19/01	1353500

CH2M Hill BS Sparrows Point

Available Cyanide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 1677 - Cyani
Lot Number: C1L060331
Date/Time Received: 12/6/01 9:35:00AM
SDG Number: SPC004

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CP08-PZM008	001	EP36G1DA	3.1 J	mg/L	0.010	5	12/17/01 - 12/17/01	1351428
CP08-PZM008 DUP	002	EP36P1A0	2.9 J	mg/L	0.010	5	12/17/01 - 12/17/01	1351428
CP11-PZM010	003	EP36R1A0	3.8 J	mg/L	0.010	5	12/17/01 - 12/17/01	1351428
CP11-PZM040	004	EP36W1AA	0.77 J	mg/L	0.0040	2	12/17/01 - 12/17/01	1351428
FM03-PZM005	005	EP36X1A0	0.0052 J	mg/L	0.0020	1	12/17/01 - 12/17/01	1351428
CP03-PZM025	001	EP5231A0	0.013 J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
~~TS07-PZM005~~ TS07-PPM005 1/17/02 ACP	002	EP5251AA	0.23 J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
CP07-PZM006	003	EP5271AA	9.3 J	mg/L	0.020	10	12/18/01 - 12/18/01	1353135
CP07-PZM026	004	EP5291AA	0.037 J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
CP05-PZM008	005	EP53E1AA	77.3 J	mg/L	0.20	100	12/18/01 - 12/18/01	1353135
CP05-PZM028	006	EP53H1AA	35.9 J	mg/L	0.20	100	12/18/01 - 12/18/01	1353135
CP05-PZM019	007	EP53J1AA	11.9 J	mg/L	0.050	25	12/18/01 - 12/18/01	1353135
GL08-PZM036	001	EP66H1A0	0.035 J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135
EQUIPMENT BLANK #2	002	EP66K1AA	0.0015 B/J	mg/L	0.0020	1	12/18/01 - 12/18/01	1353135

B Estimated result. Result is less than RL and greater than or equal to the IDL.
J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

CH2M Hill BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L060331
Date/Time Received: 12/6/01 9:35:00AM
SDG Number: SPC004

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CP11-PZM010	003	EP36R1A2	976	mg/L	10.0	10	12/26/01 - 12/28/01	1361127
CP11-PZM040	004	EP36W1AD	4620	mg/L	25.0	25	12/26/01 - 12/28/01	1361127
CP03-PZM025	001	EP5231A2	2820	mg/L	25.0	25	12/26/01 - 12/28/01	1361127
GL08-PZM036	001	EP66H1A2	71.3	mg/L	1.0	1	12/28/01 - 12/28/01	1363103
EQUIPMENT BLANK #2	002	EP66K1AD	378	mg/L	5.0	5	12/28/01 - 12/28/01	1363103

CH2M Hill BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L060331
Date/Time Received: 12/6/01 9:35:00AM
SDG Number: SPC004

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CP11-PZM010	003	EP36R1A3	8.4	mg/L	1.0	1	12/26/01 - 12/28/01	1361128
CP11-PZM040	004	EP36W1AE	20.9	mg/L	1.0	1	12/26/01 - 12/28/01	1361128
CP03-PZM025	001	EP5231A3	1130	mg/L	10.0	10	12/26/01 - 12/28/01	1361129
GL08-PZM036	001	EP66H1A3	102	mg/L	1.0	1	12/28/01 - 12/28/01	1363102
EQUIPMENT BLANK #2	002	EP66K1AE	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1363102

CH2M Hill BS Sparrows Point

Total Sulfide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: SW846 9030B/9034
Lot Number: C1L060331
Date/Time Received: 12/6/01 9:35:00AM
SDG Number: SPC004

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CP08-PZM008	001	EP36G1DE	ND	mg/L	1.0	1	12/12/01 - 12/12/01	1345272
CP08-PZM008 DUP	002	EP36P1A1	ND	mg/L	1.0	1	12/12/01 - 12/12/01	1345272
CP11-PZM010	003	EP36R1A1	ND	mg/L	1.0	1	12/12/01 - 12/12/01	1345272
CP11-PZM040	004	EP36W1AC	ND	mg/L	1.0	1	12/12/01 - 12/12/01	1345272
FM03-PZM005	005	EP36X1A1	ND	mg/L	1.0	1	12/12/01 - 12/12/01	1345272
CP03-PZM025	001	EP5231A1	ND	mg/L	1.0	1	12/13/01 - 12/13/01	1345275
~~TS07-PZM005~~ TS07-PPM005 1/17/02 ACD	002	EP5251AC	ND	mg/L	1.0	1	12/13/01 - 12/13/01	1345275
CP07-PZM006	003	EP5271AC	ND	mg/L	1.0	1	12/13/01 - 12/13/01	1345275
CP07-PZM026	004	EP5291AC	ND	mg/L	1.0	1	12/13/01 - 12/13/01	1345275
CP05-PZM008	005	EP53E1AC	16.4	mg/L	1.0	1	12/13/01 - 12/13/01	1345275
CP05-PZM028	006	EP53H1AC	ND	mg/L	1.0	1	12/13/01 - 12/13/01	1345275
CP05-PZM019	007	EP53J1AC	ND	mg/L	1.0	1	12/13/01 - 12/13/01	1345275
GL08-PZM036	001	EP66H1A1	ND	mg/L	1.0	1	12/12/01 - 12/12/01	1345272
EQUIPMENT BLANK #2	002	EP66K1AC	2.1	mg/L	1.0	1	12/12/01 - 12/12/01	1345272

Table 1 Samples For Data Validation Review
Sparrows Point Early Site Characterization
Severn Trent Laboratories Sample Delivery Group SPC005

				ANALYSES PERFORMED								
SAMPLE I.D.	LABORATORY	DATE	MATRIX	APPVC	APPSVC	CPCB	COPI MET	MET	loride, Sulf bonateAlkal		AVCN	Sulfides
EB12/17/01COPIMI	C1L180243007	12/17/2001	Equipment Blank	X	X	X	X		X	X	X	X
EB12/18/01COPIMIA	C1L190296007	12/18/2001	Equipment Blank	X	X	X	X		X	X	X	X
EB12/18/01COPIMIB	C1L190296009	12/18/2001	Equipment Blank	X	X	X	X		X	X	X	X
GL02-PZM006-01C	C1L180243010	12/17/2001	Ground Water	X	X	X	X		X	X	X	X
GL02-PZM017-01C	C1L180243009	12/17/2001	Ground Water	X	X	X	X		X	X	X	X
GL02-PZM028-01C	C1L180243008	12/17/2001	Ground Water	X	X	X	X		X	X	X	X
GL05-PZM020-01C	C1L180243006	12/17/2001	Ground Water	X	X	X		X			X	X
GL07-PZM031-01C	C1L180243004	12/17/2001	Ground Water	X	X	X		X			X	X
GL08-PZM000-01C	C1L180243003	12/17/2001	Ground Water	X	X	X	X		X	X	X	X
GL10-PZM012-01C	C1L190296008	12/18/2001	Ground Water	X	X	X	X		X	X	X	X
GL10-PZP003-01C	C1L190296003	12/18/2001	Ground Water	X	X	X		X			X	X
GL11-PZM030-01C	C1L190296001	12/18/2001	Ground Water	X	6X	X	X		X	X	X	X
GL11-PZM030-01C DUP	C1L190296002	12/18/2001	Ground Water	X	X	X	X		X	X	X	X
GL11-PZP002-01C	C1L180243005	12/17/2001	Ground Water	X	X	X	X		X	X	X	X
GL13-PZM032-01C	C1L190296004	12/18/2001	Ground Water	X	X	X	X		X	X	X	X
GL13-PZP003-01C	C1L190296005	12/18/2001	Ground Water	X	X	X	X		X	X	X	X
GL16-PZP003-01C	C1L190296006	12/18/2001	Ground Water	X		X		X				
GL17-PZM005-01C	C1L180243011	12/17/2001	Ground Water	X	X	X	X		X	X	X	X
GL18-PZP002-01C	C1L180243001	12/17/2001	Ground Water	X	X	X		X			X	X
GL18-PZP002-01C DUP	C1L180243002	12/17/2001	Ground Water	X	X	X		X			X	X
TB12/17/01	C1L180243012	12/17/2001	Trip Blank	X								

APPVC	Appendix IX Volatile Organic Compounds
APPSVC	Appendix IX Semivolatile Organic Compounds
CPCB	Polychlorinated Biphenyls
COPI MET	COPI Metals
MET	Metals
AVCN	Available Cyanide

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC005
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, and polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/20/2002
Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

The chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

5.0 *INSTRUMENT PERFORMANCE*

All criteria were met. No qualifiers were applied.

5.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

All criteria were met. No qualifiers were applied.

7.0 *SURROGATE COMPOUNDS*

All criteria were met. No qualifiers were applied.

8.0 *MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY*

All criteria were met. No qualifiers were applied.

9.0 *FIELD DUPLICATE RESULTS*

Duplicate samples GL11-PZM030-01C and GL11-PZM030-01C DUP, and GL18-PZP002-01C and GL18-PZP002-01C DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. Results for these duplicate samples are presented in Tables 2 and 3. Precision is evaluated by calculating the relative percent difference (%RPD) between duplicate results. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criteria of twenty percent for volatile detected compounds (and 25 percent for extractable compounds) to evaluate aqueous field duplicate samples.

10.0 *LABORATORY CONTROL SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

11.0 *INTERNAL STANDARD PERFORMANCE*

Area counts for the internal standard compound naphtalene-d_8 was below acceptance limits for the semivolatile analyses of samples GL02-PZM006-01C, GL17-PZM005-01C, and GL18-PZP002-01C, and perylene-d_{12} for sample GL13-PZP003-01C. The low area counts may be due to the presence of matrix interferences and/or analytical inefficiencies for these samples. The laboratory re-analyzed the samples and confirmed the unacceptable internal standard area counts, because these samples were duplicates. The results for compounds that were quantitated using these internal standard compounds should be considered quantitative estimates. There were no positive results for these compounds. The quantitation limits have been marked "UJ" to indicate that they are estimates.

12.0 *QUALITATIVE IDENTIFICATION*

All criteria were met. No qualifiers were applied.

13.0 *QUANTITATION/REPORTING LIMITS*

The samples presented below were re-analyzed at dilutions for volatile or semivolatile organic compounds. The dilution analyses were performed because responses for these compounds exceeded the linear range of the GC/MS instrument. The results for the affected compounds have been reported from the diluted analysis. All other results have been reported from the initial analysis.

Sample	Fraction	Dilution Factor	Compound Reported From Dilution Analysis
GL02-PZM006-01C	VOA	2.0	Benzene, Acetone
GL16-PZP003-01C	VOA	5.0	Benzene
GL17-PZM005-01C	SVOA	2.0	2-Methylphenol, 4-Methylphenol, Naphthalene, Phenol
GL18-PZP002 -01C	SVOA	40.0	2-Methylphenol, 4-Methylphenol, Naphthalene, Phenol
GL18-PZP002 DUP-01C	VOA	50.0	Benzene
	SVOA	40.0	2-Methylphenol, 4-Methylphenol, Naphthalene, Phenol

The samples presented on page 6 were analyzed at dilutions. The dilution analyses were performed because of the suspected presence of high levels of target compounds and/or interferences. Quantitation limits are elevated by the dilution factor for these samples for target compounds that were not detected. The elevated quantitation limits should be noted when assessing the data for these samples.

Sample	Fraction	Dilution Factor
GL08-PZM000-01C	SVOA	2.0
GL17-PZM005-01C	SVOA	2.0
GL18-PZP002 -01C	SVOA	2.0
GL18-PZM002 DUP-01C	VOA	30.0

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits (QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPA31AE Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	**Acenaphthene**	33		
208-96-8	**Acenaphthylene**	84		
120-12-7	**Anthracene**	17	J	
56-55-3	Benzo(a)anthracene	20	U	
205-99-2	Benzo(b)fluoranthene	20	U	
207-08-9	Benzo(k)fluoranthene	20	U	
191-24-2	Benzo(ghi)perylene	20	U	
50-32-8	Benzo(a)pyrene	20	U	
111-91-1	bis(2-Chloroethoxy)methane	20	U	J
111-44-4	bis(2-Chloroethyl) ether	20	U	
117-81-7	bis(2-Ethylhexyl) phthalate	20	U	
101-55-3	4-Bromophenyl phenyl ether	20	U	
85-68-7	Butyl benzyl phthalate	20	U	
59-50-7	4-Chloro-3-methylphenol	20	U	
91-58-7	2-Chloronaphthalene	20	U	
95-57-8	2-Chlorophenol	20	U	
7005-72-3	4-Chlorophenyl phenyl ether	20	U	
218-01-9	Chrysene	20	U	
53-70-3	Dibenz(a,h)anthracene	20	U	
132-64-9	**Dibenzofuran**	56		
84-74-2	Di-n-butyl phthalate	20	U	
95-50-1	1,2-Dichlorobenzene	20	U	
541-73-1	1,3-Dichlorobenzene	20	U	
106-46-7	1,4-Dichlorobenzene	20	U	
91-94-1	3,3'-Dichlorobenzidine	100	U	
120-83-2	2,4-Dichlorophenol	20	U	J
84-66-2	Diethyl phthalate	20	U	
119-93-7	3,3'-Dimethylbenzidine	100	U	

SMT 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPA31AE Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	20	U	J
131-11-3	Dimethyl phthalate	20	U	
117-84-0	Di-n-octyl phthalate	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	100	U	J
51-28-5	2,4-Dinitrophenol	100	U	
121-14-2	2,4-Dinitrotoluene	20	U	
606-20-2	2,6-Dinitrotoluene	20	U	
206-44-0	Fluoranthene	9.9	J	
86-73-7	Fluorene	61		
118-74-1	Hexachlorobenzene	20	U	
87-68-3	Hexachlorobutadiene	20	U	J
77-47-4	Hexachlorocyclopentadiene	100	U	
67-72-1	Hexachloroethane	20	U	
193-39-5	Indeno(1,2,3-cd)pyrene	20	U	
78-59-1	Isophorone	20	U	J
91-57-6	2-Methylnaphthalene	25		J
95-48-7	2-Methylphenol	720	~~E~~	R
106-44-5	4-Methylphenol	2500	~~E~~	R
91-20-3	Naphthalene	360	~~E~~	R
98-95-3	Nitrobenzene	20	U	J
88-75-5	2-Nitrophenol	20	U	J
100-02-7	4-Nitrophenol	100	U	
76-01-7	Pentachloroethane	100	U	
87-86-5	Pentachlorophenol	100	U	
85-01-8	Phenanthrene	77		
108-95-2	Phenol	1700	~~E~~	R
129-00-0	Pyrene	4.5	J	
110-86-1	Pyridine	76		

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPA31AE Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	U
621-64-7	N-Nitrosodi-n-propylamine	20	U

SMK 2/16/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 001 JL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPA32AE Date Extracted:12/19/01
Dilution factor: 40 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	**Acenaphthene**	38	J	
208-96-8	**Acenaphthylene**	94	J	
120-12-7	Anthracene	400		U
56-55-3	Benzo(a)anthracene	400		U
205-99-2	Benzo(b)fluoranthene	400		U
207-08-9	Benzo(k)fluoranthene	400		U
191-24-2	Benzo(ghi)perylene	400		U
50-32-8	Benzo(a)pyrene	400		U
111-91-1	bis(2-Chloroethoxy)methane	400		U
111-44-4	bis(2-Chloroethyl) ether	400		U
117-81-7	bis(2-Ethylhexyl) phthalate	400		U
101-55-3	4-Bromophenyl phenyl ether	400		U
85-68-7	Butyl benzyl phthalate	400		U
59-50-7	4-Chloro-3-methylphenol	400		U
91-58-7	2-Chloronaphthalene	400		U
95-57-8	2-Chlorophenol	400		U
7005-72-3	4-Chlorophenyl phenyl ether	400		U
218-01-9	Chrysene	400		U
53-70-3	Dibenz(a,h)anthracene	400		U
132-64-9	**Dibenzofuran**	70	J	
84-74-2	Di-n-butyl phthalate	400		U
95-50-1	1,2-Dichlorobenzene	400		U
541-73-1	1,3-Dichlorobenzene	400		U
106-46-7	1,4-Dichlorobenzene	400		U
91-94-1	3,3'-Dichlorobenzidine	2000		U
120-83-2	2,4-Dichlorophenol	400		U
84-66-2	Diethyl phthalate	400		U
119-93-7	3,3'-Dimethylbenzidine	2000		U

R

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 001 JC
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPA32AE Date Extracted:12/19/01
Dilution factor: 40 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	1100		R
131-11-3	Dimethyl phthalate	400	U	
117-84-0	Di-n-octyl phthalate	400	U	
534-52-1	4,6-Dinitro-2-methylphenol	2000	U	
51-28-5	2,4-Dinitrophenol	2000	U	
121-14-2	2,4-Dinitrotoluene	400	U	
606-20-2	2,6-Dinitrotoluene	400	U	
206-44-0	Fluoranthene	400	U	
86-73-7	Fluorene	71	J	
118-74-1	Hexachlorobenzene	400	U	
87-68-3	Hexachlorobutadiene	400	U	
77-47-4	Hexachlorocyclopentadiene	2000	U	
67-72-1	Hexachloroethane	400	U	
193-39-5	Indeno(1,2,3-cd)pyrene	400	U	
78-59-1	Isophorone	400	U	
91-57-6	2-Methylnaphthalene	130	J	
95-48-7	2-Methylphenol	720		
106-44-5	4-Methylphenol	2000		
91-20-3	Naphthalene	2700		
98-95-3	Nitrobenzene	400	U	R
88-75-5	2-Nitrophenol	400	U	
100-02-7	4-Nitrophenol	2000	U	
76-01-7	Pentachloroethane	2000	U	
87-86-5	Pentachlorophenol	2000	U	
85-01-8	Phenanthrene	94	J	
108-95-2	Phenol	1700		
129-00-0	Pyrene	400	U	R
110-86-1	Pyridine	800	U	

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 001 JC
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPA32AE Date Extracted:12/19/01
Dilution factor: 40 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	400	U	R
95-95-4	2,4,5-Trichlorophenol	400	U	
88-06-2	2,4,6-Trichlorophenol	400	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	800	U	

SMA 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCF1AF Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	35	
208-96-8	**Acenaphthylene**	94	
120-12-7	**Anthracene**	19	J
56-55-3	Benzo(a)anthracene	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
191-24-2	Benzo(ghi)perylene	20	U
50-32-8	Benzo(a)pyrene	20	U
111-91-1	bis(2-Chloroethoxy)methane	20	U
111-44-4	bis(2-Chloroethyl) ether	20	U
117-81-7	bis(2-Ethylhexyl) phthalate	20	U
101-55-3	4-Bromophenyl phenyl ether	20	U
85-68-7	Butyl benzyl phthalate	20	U
59-50-7	4-Chloro-3-methylphenol	20	U
91-58-7	2-Chloronaphthalene	20	U
95-57-8	2-Chlorophenol	20	U
7005-72-3	4-Chlorophenyl phenyl ether	20	U
218-01-9	Chrysene	20	U
53-70-3	Dibenz(a,h)anthracene	20	U
132-64-9	**Dibenzofuran**	63	
84-74-2	Di-n-butyl phthalate	20	U
95-50-1	1,2-Dichlorobenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
91-94-1	3,3'-Dichlorobenzidine	100	U
120-83-2	2,4-Dichlorophenol	20	U
84-66-2	Diethyl phthalate	20	U
119-93-7	3,3'-Dimethylbenzidine	100	U

smt 2/19/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCF1AF Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	20	U	
131-11-3	Dimethyl phthalate	20	U	
117-84-0	Di-n-octyl phthalate	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	100	U	
51-28-5	2,4-Dinitrophenol	100	U	
121-14-2	2,4-Dinitrotoluene	20	U	
606-20-2	2,6-Dinitrotoluene	20	U	
206-44-0	Fluoranthene	12	J	
86-73-7	Fluorene	68		
118-74-1	Hexachlorobenzene	20	U	
87-68-3	Hexachlorobutadiene	20	U	
77-47-4	Hexachlorocyclopentadiene	100	U	
67-72-1	Hexachloroethane	20	U	
193-39-5	Indeno(1,2,3-cd)pyrene	20	U	
78-59-1	Isophorone	20	U	
91-57-6	2-Methylnaphthalene	26		R
95-48-7	2-Methylphenol	790	~~E~~ R	R
106-44-5	4-Methylphenol	3000	~~E~~ R	R
91-20-3	Naphthalene	380	~~E~~	R
98-95-3	Nitrobenzene	20	U	
88-75-5	2-Nitrophenol	20	U	
100-02-7	4-Nitrophenol	100	U	
76-01-7	Pentachloroethane	100	U	
87-86-5	Pentachlorophenol	100	U	
85-01-8	Phenanthrene	86		
108-95-2	Phenol	2100	~~E~~	R
129-00-0	Pyrene	5.6	J	
110-86-1	Pyridine	91		

SMA 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCF1AF Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 002 NL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCF2AF Date Extracted:12/19/01
Dilution factor: 40 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	37	J	
208-96-8	Acenaphthylene	97	J	
120-12-7	Anthracene	400		U
56-55-3	Benzo(a)anthracene	400		U
205-99-2	Benzo(b)fluoranthene	400		U
207-08-9	Benzo(k)fluoranthene	400		U
191-24-2	Benzo(ghi)perylene	400		U
50-32-8	Benzo(a)pyrene	400		U
111-91-1	bis(2-Chloroethoxy)methane	400		U
111-44-4	bis(2-Chloroethyl) ether	400		U
117-81-7	bis(2-Ethylhexyl) phthalate	400		U
101-55-3	4-Bromophenyl phenyl ether	400		U
85-68-7	Butyl benzyl phthalate	400		U
59-50-7	4-Chloro-3-methylphenol	400		U
91-58-7	2-Chloronaphthalene	400		U
95-57-8	2-Chlorophenol	400		U
7005-72-3	4-Chlorophenyl phenyl ether	400		U
218-01-9	Chrysene	400		U
53-70-3	Dibenz(a,h)anthracene	400		U
132-64-9	Dibenzofuran	69	J	
84-74-2	Di-n-butyl phthalate	400		U
95-50-1	1,2-Dichlorobenzene	400		U
541-73-1	1,3-Dichlorobenzene	400		U
106-46-7	1,4-Dichlorobenzene	400		U
91-94-1	3,3'-Dichlorobenzidine	2000		U
120-83-2	2,4-Dichlorophenol	400		U
84-66-2	Diethyl phthalate	400		U
119-93-7	3,3'-Dimethylbenzidine	2000		U

R

SMK 2/18/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 002 JC
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCF2AF Date Extracted:12/19/01
Dilution factor: 40 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	1100	
131-11-3	Dimethyl phthalate	400	U
117-84-0	Di-n-octyl phthalate	400	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
206-44-0	Fluoranthene	400	U
86-73-7	Fluorene	70	J
118-74-1	Hexachlorobenzene	400	U
87-68-3	Hexachlorobutadiene	400	U
77-47-4	Hexachlorocyclopentadiene	2000	U
67-72-1	Hexachloroethane	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
78-59-1	Isophorone	400	U
91-57-6	2-Methylnaphthalene	130	J
95-48-7	2-Methylphenol	690	
106-44-5	4-Methylphenol	1900	
91-20-3	Naphthalene	2600	
98-95-3	Nitrobenzene	400	U
88-75-5	2-Nitrophenol	400	U
100-02-7	4-Nitrophenol	2000	U
76-01-7	Pentachloroethane	2000	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	99	J
108-95-2	Phenol	1700	
129-00-0	Pyrene	400	U
110-86-1	Pyridine	79	J

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 002 JL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCF2AF Date Extracted:12/19/01
Dilution factor: 40 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL18-PZP002 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	400	U
95-95-4	2,4,5-Trichlorophenol	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	800	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCK1AC Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL08-PZM000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	1.6	J
208-96-8	Acenaphthylene	20	U
120-12-7	Anthracene	20	U
56-55-3	Benzo(a)anthracene	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
191-24-2	Benzo(ghi)perylene	20	U
50-32-8	Benzo(a)pyrene	20	U
111-91-1	bis(2-Chloroethoxy)methane	20	U
111-44-4	bis(2-Chloroethyl) ether	20	U
117-81-7	bis(2-Ethylhexyl) phthalate	20	U
101-55-3	4-Bromophenyl phenyl ether	20	U
85-68-7	Butyl benzyl phthalate	20	U
59-50-7	4-Chloro-3-methylphenol	20	U
91-58-7	2-Chloronaphthalene	20	U
95-57-8	2-Chlorophenol	20	U
7005-72-3	4-Chlorophenyl phenyl ether	20	U
218-01-9	Chrysene	20	U
53-70-3	Dibenz(a,h)anthracene	20	U
132-64-9	Dibenzofuran	20	U
84-74-2	Di-n-butyl phthalate	20	U
95-50-1	1,2-Dichlorobenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
91-94-1	3,3'-Dichlorobenzidine	100	U
120-83-2	2,4-Dichlorophenol	20	U
84-66-2	Diethyl phthalate	20	U
119-93-7	3,3'-Dimethylbenzidine	100	U

SMV 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCK1AC Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL08-PZM000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	5.2	J
131-11-3	Dimethyl phthalate	20	U
117-84-0	Di-n-octyl phthalate	20	U
534-52-1	4,6-Dinitro-2-methylphenol	100	U
51-28-5	2,4-Dinitrophenol	100	U
121-14-2	2,4-Dinitrotoluene	20	U
606-20-2	2,6-Dinitrotoluene	20	U
206-44-0	Fluoranthene	20	U
86-73-7	Fluorene	20	U
118-74-1	Hexachlorobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
77-47-4	Hexachlorocyclopentadiene	100	U
67-72-1	Hexachloroethane	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
78-59-1	Isophorone	20	U
91-57-6	2-Methylnaphthalene	20	U
95-48-7	2-Methylphenol	5.3	J
106-44-5	4-Methylphenol	6.8	J
91-20-3	Naphthalene	4.8	J
98-95-3	Nitrobenzene	20	U
88-75-5	2-Nitrophenol	20	U
100-02-7	4-Nitrophenol	100	U
76-01-7	Pentachloroethane	100	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
108-95-2	Phenol	4.8	J
129-00-0	Pyrene	20	U
110-86-1	Pyridine	40	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCK1AC Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL08-PZM000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCP1AF Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL07-PZM031

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	1.2	J
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/18/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCP1AF Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL07-PZM031

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**0.69**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCP1AF Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL07-PZM031

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCR1AC Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL11-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCR1AC Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL11-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	0.57	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smn 2/19/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCR1AC Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL11-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 2/19/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCV1AF Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL05-PZM020

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCV1AF Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL05-PZM020

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**2.8**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	**Pyrene**	**1.5**	**J**
110-86-1	Pyridine	20	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPCV1AF Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL05-PZM020

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPC01AN Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: EQUIP BLK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPC01AN Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: EQUIP BLK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPC01AN Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: EQUIP BLK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPC61AN Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL02-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smk 2/18/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPC61AN Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL02-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/18/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPC61AN Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL02-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPDA1AN Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL02-PZM017

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPDA1AN Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL02-PZM017

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPDA1AN Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL02-PZM017

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 010
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPDG1AN Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	20	U	
208-96-8	Acenaphthylene	20	U	
120-12-7	Anthracene	20	U	
56-55-3	Benzo(a)anthracene	20	U	
205-99-2	Benzo(b)fluoranthene	20	U	
207-08-9	Benzo(k)fluoranthene	20	U	
191-24-2	Benzo(ghi)perylene	20	U	
50-32-8	Benzo(a)pyrene	20	U	
111-91-1	bis(2-Chloroethoxy)methane	20	U	J
111-44-4	bis(2-Chloroethyl) ether	20	U	
117-81-7	bis(2-Ethylhexyl) phthalate	20	U	
101-55-3	4-Bromophenyl phenyl ether	20	U	
85-68-7	Butyl benzyl phthalate	20	U	
59-50-7	4-Chloro-3-methylphenol	20	U	
91-58-7	2-Chloronaphthalene	20	U	
95-57-8	2-Chlorophenol	20	U	
7005-72-3	4-Chlorophenyl phenyl ether	20	U	
218-01-9	Chrysene	20	U	
53-70-3	Dibenz(a,h)anthracene	20	U	
132-64-9	Dibenzofuran	20	U	
84-74-2	Di-n-butyl phthalate	20	U	
95-50-1	1,2-Dichlorobenzene	20	U	
541-73-1	1,3-Dichlorobenzene	20	U	
106-46-7	1,4-Dichlorobenzene	20	U	
91-94-1	3,3'-Dichlorobenzidine	100	U	
120-83-2	2,4-Dichlorophenol	20	U	J
84-66-2	Diethyl phthalate	20	U	
119-93-7	3,3'-Dimethylbenzidine	100	U	

SML 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 010
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPDG1AN Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	28		
131-11-3	Dimethyl phthalate	20	U	
117-84-0	Di-n-octyl phthalate	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	100	U	
51-28-5	2,4-Dinitrophenol	100	U	
121-14-2	2,4-Dinitrotoluene	20	U	
606-20-2	2,6-Dinitrotoluene	20	U	
206-44-0	Fluoranthene	20	U	
86-73-7	Fluorene	20	U	
118-74-1	Hexachlorobenzene	20	U	
87-68-3	Hexachlorobutadiene	20	U	
77-47-4	Hexachlorocyclopentadiene	100	U	
67-72-1	Hexachloroethane	20	U	
193-39-5	Indeno(1,2,3-cd)pyrene	20	U	
78-59-1	Isophorone	20	U	
91-57-6	2-Methylnaphthalene	20	U	
95-48-7	2-Methylphenol	17	J	
106-44-5	4-Methylphenol	75		
91-20-3	Naphthalene	20	U	
98-95-3	Nitrobenzene	20	U	
88-75-5	2-Nitrophenol	20	U	
100-02-7	4-Nitrophenol	100	U	
76-01-7	Pentachloroethane	100	U	
87-86-5	Pentachlorophenol	100	U	
85-01-8	Phenanthrene	20	U	
108-95-2	Phenol	2.6	J	
129-00-0	Pyrene	20	U	
110-86-1	Pyridine	40	U	

smk 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 010
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPDG1AN Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	U

smk 2/8/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 011
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPDL1AN Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	**Acenaphthene**	**2.0**	**J**	
208-96-8	Acenaphthylene	20	U	
120-12-7	Anthracene	20	U	
56-55-3	Benzo(a)anthracene	20	U	
205-99-2	Benzo(b)fluoranthene	20	U	
207-08-9	Benzo(k)fluoranthene	20	U	
191-24-2	Benzo(ghi)perylene	20	U	
50-32-8	Benzo(a)pyrene	20	U	
111-91-1	bis(2-Chloroethoxy)methane	20	U	J
111-44-4	bis(2-Chloroethyl) ether	20	U	
117-81-7	bis(2-Ethylhexyl) phthalate	20	U	
101-55-3	4-Bromophenyl phenyl ether	20	U	
85-68-7	Butyl benzyl phthalate	20	U	
59-50-7	4-Chloro-3-methylphenol	20	U	
91-58-7	2-Chloronaphthalene	20	U	
95-57-8	2-Chlorophenol	20	U	
7005-72-3	4-Chlorophenyl phenyl ether	20	U	
218-01-9	Chrysene	20	U	
53-70-3	Dibenz(a,h)anthracene	20	U	
132-64-9	**Dibenzofuran**	**2.0**	**J**	
84-74-2	Di-n-butyl phthalate	20	U	
95-50-1	1,2-Dichlorobenzene	20	U	
541-73-1	1,3-Dichlorobenzene	20	U	
106-46-7	1,4-Dichlorobenzene	20	U	
91-94-1	3,3'-Dichlorobenzidine	100	U	
120-83-2	2,4-Dichlorophenol	20	U	J
84-66-2	Diethyl phthalate	20	U	
119-93-7	3,3'-Dimethylbenzidine	100	U	

SMK 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 011
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPDL1AN Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	**2,4-Dimethylphenol**	**210**		J
131-11-3	Dimethyl phthalate	20	U	
117-84-0	Di-n-octyl phthalate	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	100	U	4
51-28-5	2,4-Dinitrophenol	100	U	
121-14-2	2,4-Dinitrotoluene	20	U	
606-20-2	2,6-Dinitrotoluene	20	U	
206-44-0	Fluoranthene	20	U	
86-73-7	**Fluorene**	**2.1**	J	
118-74-1	Hexachlorobenzene	20	U	
87-68-3	Hexachlorobutadiene	20	U	4
77-47-4	Hexachlorocyclopentadiene	100	U	
67-72-1	Hexachloroethane	20	U	
193-39-5	Indeno(1,2,3-cd)pyrene	20	U	
78-59-1	Isophorone	20	U	4
91-57-6	**2-Methylnaphthalene**	**5.9**	J	4
95-48-7	**2-Methylphenol**	**34**		
106-44-5	**4-Methylphenol**	**340**	E	R
91-20-3	**Naphthalene**	**440**	E	
98-95-3	Nitrobenzene	20	U	4
88-75-5	2-Nitrophenol	20	U	
100-02-7	4-Nitrophenol	100	U	
76-01-7	Pentachloroethane	100	U	
87-86-5	Pentachlorophenol	100	U	
85-01-8	**Phenanthrene**	**3.0**	J	
108-95-2	**Phenol**	**2500**	E	R
129-00-0	Pyrene	20	U	
110-86-1	Pyridine	40	U	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 011
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPDL1AN Date Extracted:12/19/01
Dilution factor: 2 Date Analyzed: 12/27/01
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 011

Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL
Work Order: EQPDL2AN
Dilution factor: 40
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 01/03/02

QC Batch: 1353337

Client Sample Id: GL17-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	400	U
208-96-8	Acenaphthylene	400	U
120-12-7	Anthracene	400	U
56-55-3	Benzo(a)anthracene	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
191-24-2	Benzo(ghi)perylene	400	U
50-32-8	Benzo(a)pyrene	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
111-44-4	bis(2-Chloroethyl) ether	400	U
117-81-7	bis(2-Ethylhexyl) phthalate	400	U
101-55-3	4-Bromophenyl phenyl ether	400	U
85-68-7	Butyl benzyl phthalate	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-58-7	2-Chloronaphthalene	400	U
95-57-8	2-Chlorophenol	400	U
7005-72-3	4-Chlorophenyl phenyl ether	400	U
218-01-9	Chrysene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
132-64-9	Dibenzofuran	400	U
84-74-2	Di-n-butyl phthalate	400	U
95-50-1	1,2-Dichlorobenzene	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
120-83-2	2,4-Dichlorophenol	400	U
84-66-2	Diethyl phthalate	400	U
119-93-7	3,3'-Dimethylbenzidine	2000	U

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SMT 2/19/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 011

Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPDL2AN Date Extracted:12/19/01
Dilution factor: 40 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL17-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	**2,4-Dimethylphenol**	**450**	
131-11-3	Dimethyl phthalate	400	U
117-84-0	Di-n-octyl phthalate	400	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
206-44-0	Fluoranthene	400	U
86-73-7	Fluorene	400	U
118-74-1	Hexachlorobenzene	400	U
87-68-3	Hexachlorobutadiene	400	U
77-47-4	Hexachlorocyclopentadiene	2000	U
67-72-1	Hexachloroethane	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
78-59-1	Isophorone	400	U
91-57-6	2-Methylnaphthalene	400	U
95-48-7	**2-Methylphenol**	**38**	J
106-44-5	**4-Methylphenol**	**340**	J
91-20-3	**Naphthalene**	**1100**	
98-95-3	Nitrobenzene	400	U
88-75-5	2-Nitrophenol	400	U
100-02-7	4-Nitrophenol	2000	U
76-01-7	Pentachloroethane	2000	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
108-95-2	**Phenol**	**1800**	
129-00-0	Pyrene	400	U
110-86-1	Pyridine	800	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 011 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/18/01
Work Order: EQPDL2AN Date Extracted:12/19/01
Dilution factor: 40 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1353337

Client Sample Id: GL17-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	400	U	R
95-95-4	2,4,5-Trichlorophenol	400	U	
88-06-2	2,4,6-Trichlorophenol	400	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	800	U	

FORM I

smt 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL11AC Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL11-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	**Diethyl phthalate**	**1.3**	**J**
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/19/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL11AC Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL11-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL11AC Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL11-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U
621-64-7	N-Nitrosodi-n-propylamine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL31AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL11-PZM030 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	**Diethyl phthalate**	**1.0**	**J**
119-93-7	3,3'-Dimethylbenzidine	50	U

SML 2/19/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL31AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL11-PZM030 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL31AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL11-PZM030 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 2/19/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL41AC Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL10-PZP003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/6/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL41AC Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL10-PZP003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMT 2/19/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL41AC Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL10-PZP003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL61AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL13-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SM 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL61AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL13-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smk 2/19/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRL61AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL13-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U



Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC005

Matrix: (soil/water) WATER Lab Sample ID: C1L190296 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRMA1AN Date Extracted: 12/20/01
Dilution factor: 1 Date Analyzed: 01/07/02
Moisture %: NA

QC Batch: 1355133

Client Sample Id: GL13 ~~PZM007~~ PZP003

1/20/02 ACO

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	10	U	
208-96-8	Acenaphthylene	10	U	
120-12-7	Anthracene	10	U	
56-55-3	Benzo(a)anthracene	10	U	
205-99-2	Benzo(b)fluoranthene	10	U	4
207-08-9	Benzo(k)fluoranthene	10	U	4
191-24-2	Benzo(ghi)perylene	10	U	4
50-32-8	Benzo(a)pyrene	10	U	4
111-91-1	bis(2-Chloroethoxy)methane	10	U	
111-44-4	bis(2-Chloroethyl) ether	10	U	
117-81-7	bis(2-Ethylhexyl) phthalate	10	U	
101-55-3	4-Bromophenyl phenyl ether	10	U	
85-68-7	Butyl benzyl phthalate	10	U	
59-50-7	4-Chloro-3-methylphenol	10	U	
91-58-7	2-Chloronaphthalene	10	U	
95-57-8	2-Chlorophenol	10	U	
7005-72-3	4-Chlorophenyl phenyl ether	10	U	
218-01-9	Chrysene	10	U	
53-70-3	Dibenz(a,h)anthracene	10	U	4
132-64-9	Dibenzofuran	10	U	
84-74-2	**Di-n-butyl phthalate**	**0.77**	J	
95-50-1	1,2-Dichlorobenzene	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
91-94-1	3,3'-Dichlorobenzidine	50	U	
120-83-2	2,4-Dichlorophenol	10	U	
84-66-2	Diethyl phthalate	10	U	
119-93-7	3,3'-Dimethylbenzidine	50	U	

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRMA1AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/07/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL13-~~PZM007~~ PZP003

1/20/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	10	U	
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	10	U	
86-73-7	Fluorene	10	U	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	J
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	10	U	
95-48-7	2-Methylphenol	10	U	
106-44-5	4-Methylphenol	10	U	
91-20-3	**Naphthalene**	77		
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	10	U	
108-95-2	Phenol	10	U	
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	20	U	

SMK 2/6/02

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC005

Matrix: (soil/water) WATER Lab Sample ID: C1L190296 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRMA1AN Date Extracted: 12/20/01
Dilution factor: 1 Date Analyzed: 01/07/02
Moisture %: NA

QC Batch: 1355133

Client Sample Id: GL13-~~PZM007~~ PZP003

1/20/02 ACO

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMT 2/6/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L190296 007

Sample WT/Vol: 1000 / mL
Work Order: EQRMG1AN
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 01/07/02

QC Batch: 1355133

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 1/9/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRMG1AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/07/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMY 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L190296 007

Sample WT/Vol: 1000 / mL
Work Order: EQRMG1AN
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 01/07/02

QC Batch: 1355133

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRML1AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/07/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL10-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/8/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L190296 008

Sample WT/Vol: 1000 / mL
Work Order: EQRML1AN
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 01/07/02

QC Batch: 1355133

Client Sample Id: GL10-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smk 2/19/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L190296 008

Sample WT/Vol: 1000 / mL
Work Order: EQRML1AN
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 01/07/02

QC Batch: 1355133

Client Sample Id: GL10-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRMN1AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/07/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRMN1AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/07/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smt 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRMN1AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/07/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPA31AA Date Extracted:12/19/01
Dilution factor: 50 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL18-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	500	U
71-43-2	**Benzene**	**1500**	
75-25-2	Bromoform	50	U
78-93-3	2-Butanone	250	U
75-15-0	Carbon disulfide	50	U
56-23-5	Carbon tetrachloride	50	U
108-90-7	Chlorobenzene	50	U
75-00-3	Chloroethane	100	U
67-66-3	Chloroform	50	U
75-34-3	**1,1-Dichloroethane**	**140**	
107-06-2	1,2-Dichloroethane	50	U
75-35-4	1,1-Dichloroethene	50	U
156-60-5	trans-1,2-Dichloroethene	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
100-41-4	Ethylbenzene	50	U
591-78-6	2-Hexanone	250	U
75-09-2	Methylene chloride	100	U
108-10-1	4-Methyl-2-pentanone	250	U
630-20-6	1,1,1,2-Tetrachloroethane	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
127-18-4	Tetrachloroethene	50	U
108-88-3	**Toluene**	**300**	
71-55-6	1,1,1-Trichloroethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
79-01-6	Trichloroethene	50	U
75-01-4	**Vinyl chloride**	**20**	**J**

SMH 2/18/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPA31AA Date Extracted:12/19/01
Dilution factor: 50 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL18-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	110	J

SML 2/8/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCF1AE Date Extracted:12/19/01
Dilution factor: 30 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL18-PZP002 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	300	U	
71-43-2	**Benzene**	**1200**	E	R
75-25-2	Bromoform	30	U	
78-93-3	2-Butanone	150	U	
75-15-0	Carbon disulfide	30	U	
56-23-5	Carbon tetrachloride	30	U	
108-90-7	Chlorobenzene	30	U	
75-00-3	Chloroethane	60	U	
67-66-3	Chloroform	30	U	
75-34-3	**1,1-Dichloroethane**	**120**		
107-06-2	1,2-Dichloroethane	30	U	
75-35-4	1,1-Dichloroethene	30	U	
156-60-5	trans-1,2-Dichloroethene	30	U	
78-87-5	1,2-Dichloropropane	30	U	
10061-01-5	cis-1,3-Dichloropropene	30	U	
10061-02-6	trans-1,3-Dichloropropene	30	U	
100-41-4	**Ethylbenzene**	**7.0**	J	
591-78-6	2-Hexanone	150	U	
75-09-2	Methylene chloride	60	U	
108-10-1	4-Methyl-2-pentanone	150	U	
630-20-6	1,1,1,2-Tetrachloroethane	30	U	
79-34-5	1,1,2,2-Tetrachloroethane	30	U	
127-18-4	Tetrachloroethene	30	U	
108-88-3	**Toluene**	**200**		
71-55-6	1,1,1-Trichloroethane	30	U	
79-00-5	1,1,2-Trichloroethane	30	U	
79-01-6	Trichloroethene	30	U	
75-01-4	Vinyl chloride	60	U	

SMT 2/19/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCF1AE Date Extracted:12/19/01
Dilution factor: 30 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL18-PZP002 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	76	J

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCF2AE Date Extracted:12/19/01
Dilution factor: 50 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL18-PZP002 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	500	U	R
71-43-2	**Benzene**	**1300**		
75-25-2	Bromoform	50	U	R
78-93-3	2-Butanone	250	U	
75-15-0	Carbon disulfide	50	U	
56-23-5	Carbon tetrachloride	50	U	
108-90-7	Chlorobenzene	50	U	
75-00-3	Chloroethane	100	U	
67-66-3	Chloroform	50	U	
75-34-3	**1,1-Dichloroethane**	**130**		
107-06-2	1,2-Dichloroethane	50	U	
75-35-4	1,1-Dichloroethene	50	U	
156-60-5	trans-1,2-Dichloroethene	50	U	
78-87-5	1,2-Dichloropropane	50	U	
10061-01-5	cis-1,3-Dichloropropene	50	U	
10061-02-6	trans-1,3-Dichloropropene	50	U	
100-41-4	Ethylbenzene	50	U	
591-78-6	2-Hexanone	250	U	
75-09-2	Methylene chloride	100	U	
108-10-1	4-Methyl-2-pentanone	250	U	
630-20-6	1,1,1,2-Tetrachloroethane	50	U	
79-34-5	1,1,2,2-Tetrachloroethane	50	U	
127-18-4	Tetrachloroethene	50	U	
108-88-3	**Toluene**	**270**		
71-55-6	1,1,1-Trichloroethane	50	U	
79-00-5	1,1,2-Trichloroethane	50	U	
79-01-6	Trichloroethene	50	U	
75-01-4	Vinyl chloride	100	U	

SML 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCF2AE Date Extracted:12/19/01
Dilution factor: 50 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL18-PZP002 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	100	U

R

smh 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCK1AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL08-PZM000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	**Benzene**	**1.5**	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	**Methylene chloride**	**0.92**	**J**
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCK1AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL08-PZM000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCP1AE Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL07-PZM031

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	0.32	J
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCP1AE Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL07-PZM031

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMN 2/19/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCR1AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353545

Client Sample Id: GL11-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	**Benzene**	**3.5**	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	**1,1-Dichloroethane**	**4.8**	
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMT 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCR1AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353545

Client Sample Id: GL11-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMH 2/8/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCV1AE Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL05-PZM020

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	0.43	J
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/19/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPCV1AE Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL05-PZM020

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPC01AM Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: EQUIP BLK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smk 2/19/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPC01AM Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: EQUIP BLK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

smk 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPC61AM Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL02-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smk 2/18/2002

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC005

Matrix: (soil/water) WATER Lab Sample ID: C1L180243 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPC61AM Date Extracted: 12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %: NA

QC Batch: 1353402

Client Sample Id: GL02-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPDA1AM Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL02-PZM017

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	**Benzene**	**0.32**	**J**
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	**1,1-Dichloroethane**	**0.46**	**J**
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPDA1AM Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: GL02-PZM017

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

2/4/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPDG1AM Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353545

Client Sample Id: GL02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	5.6	J	
71-43-2	Benzene	49	E	R
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	0.37	J	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
75-34-3	1,1-Dichloroethane	65	E	R
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	0.94	J	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	4.5		
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	2.0	U	
108-10-1	4-Methyl-2-pentanone	36		
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	5.9		
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	0.32	J	
75-01-4	Vinyl chloride	8.6		

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPDG1AM Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353545

Client Sample Id: GL02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	10	

SMK 2/18/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPDG2AM Date Extracted:12/20/01
Dilution factor: 2 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL02-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	**5.5**	J
71-43-2	**Benzene**	**53**	
75-25-2	Bromoform	2.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon disulfide	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
108-90-7	Chlorobenzene	2.0	U
75-00-3	Chloroethane	4.0	U
67-66-3	Chloroform	2.0	U
75-34-3	**1,1-Dichloroethane**	**69**	
107-06-2	1,2-Dichloroethane	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
156-60-5	**trans-1,2-Dichloroethene**	**1.0**	J
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
100-41-4	**Ethylbenzene**	**3.4**	
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	4.0	U
108-10-1	**4-Methyl-2-pentanone**	**27**	
630-20-6	1,1,1,2-Tetrachloroethane	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
108-88-3	**Toluene**	**6.4**	
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
79-01-6	Trichloroethene	2.0	U
75-01-4	**Vinyl chloride**	**6.2**	

R R R

SMK 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPDG2AM Date Extracted:12/20/01
Dilution factor: 2 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL02-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	6.5		R

SMK 2/14/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 011
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPDL1AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	4.4	J
71-43-2	**Benzene**	8.3	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	**Ethylbenzene**	0.24	J
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	**4-Methyl-2-pentanone**	3.9	J
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	1.9	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/8/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 011
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPDL1AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.6	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 012
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPDP1AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMT 2/14/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L180243 012
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/18/01
Work Order: EQPDP1AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/19/01
Moisture %:NA

QC Batch: 1353402

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMT 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL
Work Order: EQRL11AA
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/20/01

QC Batch: 1354208

Client Sample Id: GL11-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smh 2/14/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRL11AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL11-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRL31AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL11-PZM030 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMV 2/18/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRL31AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL11-PZM030 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMH 2/19/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRL41AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL10-PZP003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/18/2006

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRL41AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL10-PZP003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRL61AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL13-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMH 2/8/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRL61AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL13-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMH 2/18/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRMA1AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL13 ~~PZM007~~ PZP003
1/20/02
ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	3.4	J
71-43-2	Benzene	1.1	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	0.26	J
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/8/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRMA1AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL13-~~PZM007~~ PZ9003
1/20/02 ACV

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SM 2/14/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRMD1AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL16-PZP003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	67		
71-43-2	Benzene	180	E	R
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	20		
75-15-0	Carbon disulfide	0.68	J	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	Chloroform	1.0	U	
75-34-3	1,1-Dichloroethane	2.6		
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	0.27	J	
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	2.0	U	
108-10-1	4-Methyl-2-pentanone	23		
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.1		
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	0.44	J	
75-01-4	Vinyl chloride	0.73	J	

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRMD1AA Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL16-PZP003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	1.5	J

SMK 2/18/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL
Work Order: EQRMD2AA
Dilution factor: 5
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/20/01

QC Batch: 1354208

Client Sample Id: GL16-PZP003 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	92		R
71-43-2	Benzene	140		
75-25-2	Bromoform	5.0		R
78-93-3	2-Butanone	22	J	
75-15-0	Carbon disulfide	5.0	U	
56-23-5	Carbon tetrachloride	5.0	U	
108-90-7	Chlorobenzene	5.0	U	
75-00-3	Chloroethane	10	U	
67-66-3	Chloroform	5.0	U	
75-34-3	1,1-Dichloroethane	1.7	J	
107-06-2	1,2-Dichloroethane	5.0	U	
75-35-4	1,1-Dichloroethene	5.0	U	
156-60-5	trans-1,2-Dichloroethene	5.0	U	
78-87-5	1,2-Dichloropropane	5.0	U	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	
100-41-4	Ethylbenzene	5.0	U	
591-78-6	2-Hexanone	25	U	
75-09-2	Methylene chloride	10	U	
108-10-1	4-Methyl-2-pentanone	29	U	
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	
127-18-4	Tetrachloroethene	5.0	U	
108-88-3	Toluene	5.0	U	
71-55-6	1,1,1-Trichloroethane	5.0	U	
79-00-5	1,1,2-Trichloroethane	5.0	U	
79-01-6	Trichloroethene	5.0	U	
75-01-4	Vinyl chloride	10	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRMD2AA Date Extracted:12/20/01
Dilution factor: 5 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL16-PZP003 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	15	U

R

smt 2/7/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRMG1AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smk 2/15/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRMG1AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SML 2/7/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRML1AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL10-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smf 2/7/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRML1AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: GL10-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

smk 2/7/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRMN1AM Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1354208

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SML 2/7/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL
Work Order: EQRMN1AM
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/20/01

QC Batch: 1354208

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMK 2/7/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180243 001

Sample WT/Vol: 1000 / mL
Work Order: EQPA31AH
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: GL18-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180243 002

Sample WT/Vol: 1000 / mL
Work Order: EQPCF1AG
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: GL18-PZP002 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180243 003

Sample WT/Vol: 1000 / mL
Work Order: EQPCK1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: GL08-PZM000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180243 004

Sample WT/Vol: 1000 / mL
Work Order: EQPCP1AG
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: GL07-PZM031

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180243 005

Sample WT/Vol: 1000 / mL
Work Order: EQPCR1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: GL11-PZP002

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180243 006

Sample WT/Vol: 1000 / mL
Work Order: EQPCV1AG
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: GL05-PZM020

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180243 007

Sample WT/Vol: 1000 / mL
Work Order: EQPC01AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: EQUIP BLK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180243 008

Sample WT/Vol: 1000 / mL
Work Order: EQPC61AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: GL02-PZM028

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180243 009

Sample WT/Vol: 1000 / mL
Work Order: EQPDA1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: GL02-PZM017

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180243 010

Sample WT/Vol: 1000 / mL
Work Order: EQPDG1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: GL02-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L180243 011

Sample WT/Vol: 1000 / mL
Work Order: EQPDL1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/18/01
Date Extracted:12/19/01
Date Analyzed: 12/28/01

QC Batch: 1353534

Client Sample Id: GL17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L190296 001

Sample WT/Vol: 1000 / mL
Work Order: EQRL11AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/28/01

QC Batch: 1354518

Client Sample Id: GL11-PZM030

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L190296 002

Sample WT/Vol: 1000 / mL
Work Order: EQRL31AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/28/01

QC Batch: 1354518

Client Sample Id: GL11-PZM030 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:CILL190296 003

Sample WT/Vol: 1000 / mL
Work Order: EQRL41AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/28/01

QC Batch: 1354518

Client Sample Id: GL10-PZP003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L190296 004

Sample WT/Vol: 1000 / mL
Work Order: EQRL61AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/28/01

QC Batch: 1354518

Client Sample Id: GL13-PZM032

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 005
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRMA1AP Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1354518

Client Sample Id: GL13-~~PZM007~~ PZ9003

1/20/02 AED

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER Lab Sample ID:C1L190296 006
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRMD1AC Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1354518

Client Sample Id: GL16-PZP003

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L190296 007

Sample WT/Vol: 1000 / mL
Work Order: EQRMG1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/28/01

QC Batch: 1354518

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L190296 008

Sample WT/Vol: 1000 / mL
Work Order: EQRML1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/28/01

QC Batch: 1354518

Client Sample Id: GL10-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC005

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L190296 009

Sample WT/Vol: 1000 / mL
Work Order: EQRMN1AP
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/28/01

QC Batch: 1354518

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC005
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- X • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/12/2004
Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

All chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

4.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

5.0 *ICP INTERFERENCE CHECK SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The positive results reported for the metals in the samples presented on page 4 are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results for these metals in these samples has indicated this.

Analyte	Qualified Results
Barium	GL02-PZM006-01C, GL02-PZM017-01C, GL02-PZM028-01C, GL05-PZM020-01C, GL07-PZM031-01C, GL08-PZM000-01C, GL10-PZM012-01C, GL11-PZP002-01C, GL11-PZM030-01C, GL11-PZM030-01C DUP, GL13-PZP003-01C, GL17-PZM005-01C, GL18-PZP002-01C, GL18-PZP002-01C DUP
Beryllium	GL02-PZM006-01C, GL02-PZM017-01C, GL02-PZM028-01C, GL05-PZM020-01C, GL07-PZM031-01C, GL08-PZM000-01C, GL10-PZM012-01C, GL10-PZP003-01C, GL11-PZP002-01C, GL11-PZM030-01C, GL11-PZM030-01C DUP, GL13-PZP003-01C, GL13-PZM032-01C, GL16-PZP003-01C, GL17-PZM005-01C, GL18-PZP002-01C, GL18-PZP002-01C DUP
Calcium	GL02-PZM028-01C, GL07-PZM031-01C, GL08-PZM000-01C,
Cobalt	GL02-PZM017-01C, GL05-PZM020-01C, GL13-PZP003-01C, GL18-PZP002-01C, GL08-PZM000-01C, GL10-PZP003-01C, GL11-PZP002-01C,
Magnesium	GL17-PZM005-01C, GL18-PZP002-01C
Nickel	GL02-PZM006-01C, GL02-PZM017-01C, GL05-PZM020-01C, GL10-PZP003-01C, GL13-PZP003-01C
Potassium	GL11-PZP002-01C
Zinc	GL11-PZP002-01C

7.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

Positive results and detection limits for mercury for the samples are biased low quantitative estimates and may be higher than reported. The associated matrix spike recoveries were below the acceptance limit for these analytes. The low recoveries indicate the presence of interferences for iron and mercury for samples of similar matrix. Positive results have

been marked "L" to indicate that they are biased low. Detection limits are marked "UL".

8.0 LABORATORY DUPLICATE RESULTS

All criteria were met. No qualifiers were applied.

9.0 ICP SERIAL DILUTION RESULTS

All criteria were met. No qualifiers were applied.

10.0 FIELD DUPLICATE RESULTS

Duplicate samples GL11-PZM030-01C and GL11-PZM030-01C DUP, and GL18-PZP002-01C and GL18-PZP002-01C DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. Results for these duplicate samples are presented in Tables 2 and 3. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criterion of 25 percent for values greater than five times the QL (or $\pm$ the QL for results less than five times the QL).

11.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

12.0 GFAA POST-DIGESTION SPIKE/DUPLICATE BURN

Not Applicable.

13.0 *QUALITATIVE IDENTIFICATION*

All criteria were met. No qualifiers were applied.

14.0 *QUANTITATION/REPORTING LIMITS*

The laboratory reported results for metals detected in samples at concentrations greater than the instrument detection limit, but less than the QL with "B" flags. EDQ has flagged results for metals below the QL with "J" qualifiers to indicate that they are quantitative estimates.

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPA3 **Client ID:** GL18-PZP002

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.060	B	1	CVAA	12/21/01	9:13

SMK 2/19/02

Comments: Lot #: C1L180243 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPC0 **Client ID:** EQUIP BLK#1

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:29

Comments: Lot #: C1L180243 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPC6 **Client ID:** GL02-PZM028

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:30

SMK 2/18/02

Comments: Lot #: C1L180243 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPCF **Client ID:** GL18-PZP002 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:18

smk 2/6/2002

Comments: Lot #: C1L180243 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPCK **Client ID:** GL08-PZM000

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:20

Comments: Lot #: C1L180243 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPCP **Client ID:** GL07-PZM031

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:21

smt 2/8/02

Comments: Lot #: C1L180243 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPCR **Client ID:** GL11-PZP002

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U~~V~~ L	1	CVAA	12/21/01	9:23

SMM 2/18/2002

Comments: Lot #: C1L180243 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPCV **Client ID:** GL05-PZM020

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:24

SMA 2/19/02

Comments: Lot #: C1L180243 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPDA **Client ID:** GL02-PZM017

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:32

smt 2/8/2002

Comments: Lot #: C1L180243 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPDG **Client ID:** GL02-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:33

SMR 2/18/02

Comments: Lot #: C1L180243 Sample #: 10

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPDL **Client ID:** GL17-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:35

SMK 2/18/2002

Comments: Lot #: C1L180243 Sample #: 11

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRL1 **Client ID:** GL11-PZM030

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:36

12/18/02

Comments: Lot #: C1L190296 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRL3 **Client ID:** GL11-PZM030 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U~~N~~*	L 1	CVAA	12/21/01	9:41

SMK 2/18/2002

Comments: Lot #: C1L190296 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRL4 **Client ID:** GL10-PZP003

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:42

SMK 2/8/02

Comments: Lot #: C1L190296 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRL6 **Client ID:** GL13-PZM032

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:46

Comments: Lot #: C1L190296 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRMA **Client ID:** GL13-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	UL	1	CVAA	12/21/01	9:48

smk 1/18/02

Comments: Lot #: C1L190296 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRMD **Client ID:** GL16-PZP003

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	1.8		1	CVAA	12/21/01	9:49

SMK 2/18/02

Comments: Lot #: C1L190296 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRMG **Client ID:** EQUIP BLANK#2

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:51

Comments: Lot #: C1L190296 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRML **Client ID:** GL10-PZM012

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:52

Comments: Lot #: C1L190296 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRMN **Client ID:** EQUIP BLANK#3

Matrix: Water **Units:** ug/L **Prep Date:** 12/21/01 **Prep Batch:** 1354246

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/21/01	9:54

Comments: Lot #: C1L190296 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPA3 **Client ID:** GL18-PZP002

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	12:23
Arsenic	**189.04**	**2.0**	**10.0**	**15.0**		**1**	**ICPST**	**1/9/02**	**12:23**
Barium	**493.41**	**0.14**	**200**	**71.9**	~~B~~	~~B~~ 1	**ICPST**	**1/9/02**	**12:23**
Beryllium	**313.04**	**0.40**	**5.0**	**3.3**	~~B~~	~~B~~ 1	**ICPST**	**1/9/02**	**12:23**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	12:23
Calcium	**317.93**	**12.2**	**5000**	**445000**		**1**	**ICPST**	**1/9/02**	**12:23**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	12:23
Cobalt	**228.62**	**0.86**	**50.0**	**1.7**	~~B~~	~~B~~ 1	**ICPST**	**1/9/02**	**12:23**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	12:23
Iron	**271.44**	**45.0**	**100**	**381**		**1**	**ICPST**	**1/9/02**	**12:23**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	12:23
Magnesium	**279.08**	**7.1**	**5000**	**674**	~~B~~	~~B~~ 1	**ICPST**	**1/9/02**	**12:23**
Manganese	**257.61**	**0.47**	**15.0**	**4.9**	~~B~~	~~B~~ 1	**ICPST**	**1/9/02**	**12:23**
Nickel	**231.60**	**2.4**	**40.0**	**26.0**	~~B~~	~~B~~ 1	**ICPST**	**1/9/02**	**12:23**
Potassium	**766.49**	**519**	**5000**	**163000**		**1**	**ICP**	**1/5/02**	**15:00**
Selenium	**220.35**	**3.2**	**5.0**	**7.7**		**1**	**ICPST**	**1/9/02**	**12:23**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	12:23
Sodium	**589**	**15.0**	**5000**	**258000**		**1**	**ICP**	**1/5/02**	**15:00**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	12:23
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	15:00
Vanadium	**292.40**	**1.5**	**50.0**	**163**		**1**	**ICPST**	**1/9/02**	**12:23**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	12:23

smt 2/19/2002

Comments: Lot #: C1L180243 Sample #: 1 NOTE: CA, FE, MG, MN, K and NA were not required for this sample analysis. Analytes were reported for batch Q.C. purposes.

Version 4.97.1 U Result is less than the MDL *Form 1 Equivalent*

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPC6 **Client ID:** GL02-PZM028

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	13:15
Arsenic	**189.04**	**2.0**	**10.0**	**66.0**		**1**	**ICPST**	**1/9/02**	**13:15**
Barium	**493.41**	**0.14**	**200**	**151**	~~B~~	B 1	**ICPST**	**1/9/02**	**13:15**
Beryllium	**313.04**	**0.40**	**5.0**	**3.9**	~~B~~	B 1	**ICPST**	**1/9/02**	**13:15**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	13:15
Calcium	**317.93**	**12.2**	**5000**	**124000**		B 1	**ICPST**	**1/9/02**	**13:15**
Chromium	**267.72**	**1.1**	**5.0**	**2.9**	~~B~~	J 1	**ICPST**	**1/9/02**	**13:15**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	13:15
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	13:15
Iron	**271.44**	**45.0**	**100**	**26700**		**1**	**ICPST**	**1/9/02**	**13:15**
Lead	**220.35**	**1.8**	**3.0**	**1.9**	~~B~~	J 1	**ICPST**	**1/9/02**	**13:15**
Magnesium	**279.08**	**7.1**	**5000**	**267000**		**1**	**ICPST**	**1/9/02**	**13:15**
Manganese	**257.61**	**0.47**	**15.0**	**799**		**1**	**ICPST**	**1/9/02**	**13:15**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/9/02	13:15
Potassium	**766.49**	**519**	**5000**	**73000**		**1**	**ICP**	**1/5/02**	**15:38**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	13:15
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	13:15
Sodium	**589**	**150**	**50000**	**2310000**		**10**	**ICP**	**1/7/02**	**12:13**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	13:15
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	15:38
Vanadium	**292.40**	**1.5**	**50.0**	**12.7**	~~B~~	J 1	**ICPST**	**1/9/02**	**13:15**
Zinc	**213.86**	**1.5**	**20.0**	**44.0**		**1**	**ICPST**	**1/9/02**	**13:15**

SMK 2/18/2002

Comments: Lot #: C1L180243 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPCF **Client ID:** GL18-PZP002 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	12:49
Arsenic	**189.04**	**2.0**	**10.0**	**14.9**		**1**	**ICPST**	**1/9/02**	**12:49**
Barium	**493.41**	**0.14**	**200**	**75.6**	~~B~~	**B 1**	**ICPST**	**1/9/02**	**12:49**
Beryllium	**313.04**	**0.40**	**5.0**	**3.2**	~~B~~	**B 1**	**ICPST**	**1/9/02**	**12:49**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	12:49
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	12:49
Cobalt	**228.62**	**0.86**	**50.0**	**1.8**	~~B~~	**J 1**	**ICPST**	**1/9/02**	**12:49**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	12:49
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	12:49
Nickel	**231.60**	**2.4**	**40.0**	**27.7**	~~B~~	**J 1**	**ICPST**	**1/9/02**	**12:49**
Selenium	**220.35**	**3.2**	**5.0**	**7.8**		**1**	**ICPST**	**1/9/02**	**12:49**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	12:49
Thallium	**190.86**	**5.7**	**10.0**	**7.8**	~~B~~	**J 1**	**ICPST**	**1/9/02**	**12:49**
Tin	189.99	28.8	100	28.8	~~U~~	1	ICP	1/5/02	15:13
Vanadium	**292.40**	**1.5**	**50.0**	**176**		**1**	**ICPST**	**1/9/02**	**12:49**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	12:49

smt 2/18/02

Comments: Lot #: C1L180243 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPCK **Client ID:** GL08-PZM000

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	12:53
Arsenic	**189.04**	**2.0**	**10.0**	**6.1**	**B**	**J 1**	**ICPST**	**1/9/02**	**12:53**
Barium	**493.41**	**0.14**	**200**	**99.2**	**B**	**B 1**	**ICPST**	**1/9/02**	**12:53**
Beryllium	**313.04**	**0.40**	**5.0**	**3.6**	**B**	**B 1**	**ICPST**	**1/9/02**	**12:53**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	12:53
Calcium	**317.93**	**12.2**	**5000**	**88800**		**B 1**	**ICPST**	**1/9/02**	**12:53**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	12:53
Cobalt	**228.62**	**0.86**	**50.0**	**1.9**	**B**	**B 1**	**ICPST**	**1/9/02**	**12:53**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	12:53
Iron	**271.44**	**45.0**	**100**	**1100**		**1**	**ICPST**	**1/9/02**	**12:53**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	12:53
Magnesium	**279.08**	**7.1**	**5000**	**26000**		**1**	**ICPST**	**1/9/02**	**12:53**
Manganese	**257.61**	**0.47**	**15.0**	**1950**		**1**	**ICPST**	**1/9/02**	**12:53**
Nickel	**231.60**	**2.4**	**40.0**	**6.3**	**B**	**J 1**	**ICPST**	**1/9/02**	**12:53**
Potassium	**766.49**	**519**	**5000**	**72900**		**1**	**ICP**	**1/5/02**	**15:16**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	12:53
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	12:53
Sodium	**589**	**15.0**	**5000**	**342000**		**1**	**ICP**	**1/5/02**	**15:16**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	12:53
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	15:16
Vanadium	**292.40**	**1.5**	**50.0**	**10.7**	**B**	**J 1**	**ICPST**	**1/9/02**	**12:53**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	12:53

smt 2/8/2002

Comments: Lot #: C1L180243 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPCP **Client ID:** GL07-PZM031

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	12:58
Arsenic	**189.04**	**2.0**	**10.0**	**7.7**	**J**	**1**	**ICPST**	**1/9/02**	**12:58**
Barium	**493.41**	**0.14**	**200**	**106**	**B**	**1**	**ICPST**	**1/9/02**	**12:58**
Beryllium	**313.04**	**0.40**	**5.0**	**2.9**	**B**	**1**	**ICPST**	**1/9/02**	**12:58**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	12:58
Chromium	**267.72**	**1.1**	**5.0**	**12.1**		**1**	**ICPST**	**1/9/02**	**12:58**
Cobalt	**228.62**	**0.86**	**50.0**	**1.9**	**B**	**1**	**ICPST**	**1/9/02**	**12:58**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	12:58
Lead	**220.35**	**1.8**	**3.0**	**4.9**		**1**	**ICPST**	**1/9/02**	**12:58**
Nickel	**231.60**	**2.4**	**40.0**	**24.0**	**J**	**1**	**ICPST**	**1/9/02**	**12:58**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	12:58
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	12:58
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	12:58
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	15:19
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/9/02	12:58
Zinc	**213.86**	**1.5**	**20.0**	**176**		**1**	**ICPST**	**1/9/02**	**12:58**

smt 2/18/02

Comments: Lot #: C1L180243 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPCR **Client ID:** GL11-PZP002

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	13:02
Arsenic	189.04	2.0	10.0	3.6	J	1	ICPST	1/9/02	13:02
Barium	493.41	0.14	200	39.2	B	1	ICPST	1/9/02	13:02
Beryllium	313.04	0.40	5.0	3.0	B	1	ICPST	1/9/02	13:02
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	13:02
Calcium	317.93	12.2	5000	234000		1	ICPST	1/9/02	13:02
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	13:02
Cobalt	228.62	0.86	50.0	1.9	B	1	ICPST	1/9/02	13:02
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	13:02
Iron	271.44	45.0	100	3420		1	ICPST	1/9/02	13:02
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	13:02
Magnesium	279.08	7.1	5000	54100		1	ICPST	1/9/02	13:02
Manganese	257.61	0.47	15.0	412		1	ICPST	1/9/02	13:02
Nickel	231.60	2.4	40.0	9.9	B	1	ICPST	1/9/02	13:02
Potassium	766.49	519	5000	87400		1	ICP	1/5/02	15:29
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	13:02
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	13:02
Sodium	589	15.0	5000	164000		1	ICP	1/5/02	15:29
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	13:02
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	15:29
Vanadium	292.40	1.5	50.0	3.8	J	1	ICPST	1/9/02	13:02
Zinc	213.86	1.5	20.0	15.5	B	1	ICPST	1/9/02	13:02

SMK 2/19/02

Comments: Lot #: C1L180243 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPCV **Client ID:** GL05-PZM020

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	13:07
Arsenic	**189.04**	**2.0**	**10.0**	**17.1**		**1**	**ICPST**	**1/9/02**	**13:07**
Barium	**493.41**	**0.14**	**200**	**108**	B	B 1	**ICPST**	**1/9/02**	**13:07**
Beryllium	**313.04**	**0.40**	**5.0**	**3.2**	B	B 1	**ICPST**	**1/9/02**	**13:07**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	13:07
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	13:07
Cobalt	**228.62**	**0.86**	**50.0**	**4.8**	B	B 1	**ICPST**	**1/9/02**	**13:07**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	13:07
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	13:07
Nickel	**231.60**	**2.4**	**40.0**	**4.3**	B	B 1	**ICPST**	**1/9/02**	**13:07**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	13:07
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	13:07
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	13:07
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	15:32
Vanadium	**292.40**	**1.5**	**50.0**	**8.9**	B	J 1	**ICPST**	**1/9/02**	**13:07**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	13:07

smr 2/18/2002

Comments: Lot #: CIL180243 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPDA **Client ID:** GL02-PZM017

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	13:29
Arsenic	**189.04**	**2.0**	**10.0**	**11.6**		**1**	**ICPST**	**1/9/02**	**13:29**
Barium	**493.41**	**0.14**	**200**	**74.7**	~~B~~	~~B~~ 1	**ICPST**	**1/9/02**	**13:29**
Beryllium	**313.04**	**0.40**	**5.0**	**3.9**	~~B~~	~~B~~ 1	**ICPST**	**1/9/02**	**13:29**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	13:29
Calcium	**317.93**	**12.2**	**5000**	**64700**		**1**	**ICPST**	**1/9/02**	**13:29**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	13:29
Cobalt	**228.62**	**0.86**	**50.0**	**9.9**	~~B~~	~~B~~ 1	**ICPST**	**1/9/02**	**13:29**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	13:29
Iron	**271.44**	**45.0**	**100**	**155000**		**1**	**ICPST**	**1/9/02**	**13:29**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	13:29
Magnesium	**279.08**	**7.1**	**5000**	**109000**		**1**	**ICPST**	**1/9/02**	**13:29**
Manganese	**257.61**	**0.47**	**15.0**	**5550**		**1**	**ICPST**	**1/9/02**	**13:29**
Nickel	**231.60**	**2.4**	**40.0**	**9.4**	~~B~~	~~B~~ 1	**ICPST**	**1/9/02**	**13:29**
Potassium	**766.49**	**519**	**5000**	**20300**		**1**	**ICP**	**1/5/02**	**15:41**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	13:29
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	13:29
Sodium	**589**	**75.0**	**25000**	**1060000**		**5**	**ICP**	**1/7/02**	**12:16**
Thallium	**190.86**	**5.7**	**10.0**	**11.2**		**1**	**ICPST**	**1/9/02**	**13:29**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	15:41
Vanadium	**292.40**	**1.5**	**50.0**	**7.4**	~~B~~	~~J~~ 1	**ICPST**	**1/9/02**	**13:29**
Zinc	**213.86**	**1.5**	**20.0**	**9.9**	~~B~~	~~J~~ 1	**ICPST**	**1/9/02**	**13:29**

smk 2/8/02

Comments: Lot #: C1L180243 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPDG **Client ID:** GL02-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	13:34
Arsenic	**189.04**	**2.0**	**10.0**	**7.9**	J	1	**ICPST**	**1/9/02**	**13:34**
Barium	**493.41**	**0.14**	**200**	**21.5**	B	1	**ICPST**	**1/9/02**	**13:34**
Beryllium	**313.04**	**0.40**	**5.0**	**4.0**	B	1	**ICPST**	**1/9/02**	**13:34**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	13:34
Calcium	**317.93**	**12.2**	**5000**	**231000**		1	**ICPST**	**1/9/02**	**13:34**
Chromium	**267.72**	**1.1**	**5.0**	**1.3**	J	1	**ICPST**	**1/9/02**	**13:34**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	13:34
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	13:34
Iron	**271.44**	**45.0**	**100**	**53.4**	J	1	**ICPST**	**1/9/02**	**13:34**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	13:34
Magnesium	**279.08**	**7.1**	**5000**	**8950**		1	**ICPST**	**1/9/02**	**13:34**
Manganese	**257.61**	**0.47**	**15.0**	**33.4**		1	**ICPST**	**1/9/02**	**13:34**
Nickel	**231.60**	**2.4**	**40.0**	**31.9**	B	1	**ICPST**	**1/9/02**	**13:34**
Potassium	**766.49**	**519**	**5000**	**128000**		1	**ICP**	**1/5/02**	**15:44**
Selenium	**220.35**	**3.2**	**5.0**	**7.2**		1	**ICPST**	**1/9/02**	**13:34**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	13:34
Sodium	**589**	**15.0**	**5000**	**177000**		1	**ICP**	**1/5/02**	**15:44**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	13:34
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	15:44
Vanadium	**292.40**	**1.5**	**50.0**	**5.8**	J	1	**ICPST**	**1/9/02**	**13:34**
Zinc	**213.86**	**1.5**	**20.0**	**3.5**	J	1	**ICPST**	**1/9/02**	**13:34**

SMR 2/19/02

Comments: Lot #: C1L180243 Sample #: 10

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPDL **Client ID:** GL17-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	13:38
Arsenic	**189.04**	**2.0**	**10.0**	**20.5**		**1**	**ICPST**	**1/9/02**	**13:38**
Barium	**493.41**	**0.14**	**200**	**56.1**	~~B~~ B	**1**	**ICPST**	**1/9/02**	**13:38**
Beryllium	**313.04**	**0.40**	**5.0**	**4.7**	~~B~~ B	**1**	**ICPST**	**1/9/02**	**13:38**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	13:38
Calcium	**317.93**	**12.2**	**5000**	**134000**		**1**	**ICPST**	**1/9/02**	**13:38**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	13:38
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	13:38
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	13:38
Iron	**271.44**	**45.0**	**100**	**136**		**1**	**ICPST**	**1/9/02**	**13:38**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	13:38
Magnesium	**279.08**	**7.1**	**5000**	**7.3**	~~B~~ B	**1**	**ICPST**	**1/9/02**	**13:38**
Manganese	**257.61**	**0.47**	**15.0**	**0.51**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**13:38**
Nickel	**231.60**	**2.4**	**40.0**	**36.0**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**13:38**
Potassium	**766.49**	**519**	**5000**	**247000**		**1**	**ICP**	**1/5/02**	**15:47**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	13:38
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	13:38
Sodium	**589**	**30.0**	**10000**	**566000**		**2**	**ICP**	**1/7/02**	**12:19**
Thallium	**190.86**	**5.7**	**10.0**	**6.0**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**13:38**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	15:47
Vanadium	**292.40**	**1.5**	**50.0**	**31.0**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**13:38**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	13:38

smt 2/8/02

Comments: Lot #: C1L180243 Sample #: 11

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRL1 **Client ID:** GL11-PZM030

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	13:43
Arsenic	**189.04**	**2.0**	**10.0**	**8.4**	~~B~~ J	1	**ICPST**	**1/9/02**	**13:43**
Barium	**493.41**	**0.14**	**200**	**138**	~~B~~ B	1	**ICPST**	**1/9/02**	**13:43**
Beryllium	**313.04**	**0.40**	**5.0**	**5.2**	B	1	**ICPST**	**1/9/02**	**13:43**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	13:43
Calcium	**317.93**	**12.2**	**5000**	**23900**		**1**	**ICPST**	**1/9/02**	**13:43**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	13:43
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	13:43
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	13:43
Iron	**271.44**	**45.0**	**100**	**156000**		**1**	**ICPST**	**1/9/02**	**13:43**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	13:43
Magnesium	**279.08**	**7.1**	**5000**	**20800**		**1**	**ICPST**	**1/9/02**	**13:43**
Manganese	**257.61**	**0.47**	**15.0**	**2890**		**1**	**ICPST**	**1/9/02**	**13:43**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/9/02	13:43
Potassium	**766.49**	**519**	**5000**	**1740**	~~B~~ J	1	**ICP**	**1/5/02**	**15:51**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	13:43
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	13:43
Sodium	**589**	**15.0**	**5000**	**93000**		**1**	**ICP**	**1/5/02**	**15:51**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	13:43
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	15:51
Vanadium	**292.40**	**1.5**	**50.0**	**11.6**	~~B~~ J	1	**ICPST**	**1/9/02**	**13:43**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	13:43

SMF 2/19/02

Comments: Lot #: C1L190296 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRL3 **Client ID:** GL11-PZM030 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	14:00
Arsenic	**189.04**	**2.0**	**10.0**	**7.2**	~~B~~ J	1	**ICPST**	**1/9/02**	**14:00**
Barium	**493.41**	**0.14**	**200**	**144**	~~B~~ B	1	**ICPST**	**1/9/02**	**14:00**
Beryllium	**313.04**	**0.40**	**5.0**	**4.5**	~~B~~ B	1	**ICPST**	**1/9/02**	**14:00**
Cadmium	**226.50**	**0.63**	**5.0**	**1.0**	~~B~~ U	1	**ICPST**	**1/9/02**	**14:00**
Calcium	**317.93**	**12.2**	**5000**	**24100**		**1**	**ICPST**	**1/9/02**	**14:00**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	14:00
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	14:00
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	14:00
Iron	**271.44**	**45.0**	**100**	**159000**		**1**	**ICPST**	**1/9/02**	**14:00**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	14:00
Magnesium	**279.08**	**7.1**	**5000**	**21300**		**1**	**ICPST**	**1/9/02**	**14:00**
Manganese	**257.61**	**0.47**	**15.0**	**2930**		**1**	**ICPST**	**1/9/02**	**14:00**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/9/02	14:00
Potassium	**766.49**	**519**	**5000**	**1300**	~~B~~ J	1	**ICP**	**1/5/02**	**16:09**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	14:00
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	14:00
Sodium	**589**	**15.0**	**5000**	**97000**		**1**	**ICP**	**1/5/02**	**16:09**
Thallium	**190.86**	**5.7**	**10.0**	**13.6**		**1**	**ICPST**	**1/9/02**	**14:00**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	16:09
Vanadium	**292.40**	**1.5**	**50.0**	**8.3**	~~B~~ J	1	**ICPST**	**1/9/02**	**14:00**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	14:00

SMP 2/18/2002

Comments: Lot #: CIL190296 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRL4 **Client ID:** GL10-PZP003

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	14:05
Arsenic	**189.04**	**2.0**	**10.0**	**3.5**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**14:05**
Barium	**493.41**	**0.14**	**200**	**137**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**14:05**
Beryllium	**313.04**	**0.40**	**5.0**	**6.1**	B	**1**	**ICPST**	**1/9/02**	**14:05**
Cadmium	**226.50**	**0.63**	**5.0**	**0.90**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**14:05**
Chromium	**267.72**	**1.1**	**5.0**	**6.3**		**1**	**ICPST**	**1/9/02**	**14:05**
Cobalt	**228.62**	**0.86**	**50.0**	**7.2**	~~B~~ B	**1**	**ICPST**	**1/9/02**	**14:05**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	14:05
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	14:05
Nickel	**231.60**	**2.4**	**40.0**	**20.4**	~~B~~ B	**1**	**ICPST**	**1/9/02**	**14:05**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	14:05
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	14:05
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	14:05
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	16:13
Vanadium	**292.40**	**1.5**	**50.0**	**16.7**	~~B~~ J	**1**	**ICPST**	**1/9/02**	**14:05**
Zinc	**213.86**	**1.5**	**20.0**	**56.3**		**1**	**ICPST**	**1/9/02**	**14:05**

SMR 2/18/02

Comments: Lot #: C1L190296 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRL6 **Client ID:** GL13-PZM032

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	14:09
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/9/02	14:09
Barium	**493.41**	**0.14**	**200**	**482**		**1**	**ICPST**	**1/9/02**	**14:09**
Beryllium	**313.04**	**0.40**	**5.0**	**5.2**		**B 1**	**ICPST**	**1/9/02**	**14:09**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	14:09
Calcium	**317.93**	**12.2**	**5000**	**35700**		**1**	**ICPST**	**1/9/02**	**14:09**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	14:09
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	14:09
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	14:09
Iron	**271.44**	**45.0**	**100**	**153000**		**1**	**ICPST**	**1/9/02**	**14:09**
Lead	**220.35**	**1.8**	**3.0**	**5.6**		**1**	**ICPST**	**1/9/02**	**14:09**
Magnesium	**279.08**	**7.1**	**5000**	**70000**		**1**	**ICPST**	**1/9/02**	**14:09**
Manganese	**257.61**	**0.47**	**15.0**	**3030**		**1**	**ICPST**	**1/9/02**	**14:09**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/9/02	14:09
Potassium	**766.49**	**519**	**5000**	**6960**		**1**	**ICP**	**1/5/02**	**16:16**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	14:09
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	14:09
Sodium	**589**	**75.0**	**25000**	**887000**		**5**	**ICP**	**1/7/02**	**12:23**
Thallium	**190.86**	**5.7**	**10.0**	**14.6**		**1**	**ICPST**	**1/9/02**	**14:09**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	16:16
Vanadium	**292.40**	**1.5**	**50.0**	**9.8**	**B J**	**1**	**ICPST**	**1/9/02**	**14:09**
Zinc	**213.86**	**1.5**	**20.0**	**10.5**	**B J**	**1**	**ICPST**	**1/9/02**	**14:09**

smk 2/14/02

Comments: Lot #: C1L190296 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRMA **Client ID:** GL13-~~PZM007~~ PZ9003 1/20/02 Acid

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	14:22
Arsenic	**189.04**	**2.0**	**10.0**	**6.4**	~~B~~ J	1	**ICPST**	**1/9/02**	**14:22**
Barium	**493.41**	**0.14**	**200**	**32.0**	~~B~~ B	1	**ICPST**	**1/9/02**	**14:22**
Beryllium	**313.04**	**0.40**	**5.0**	**4.6**	~~B~~ B	1	**ICPST**	**1/9/02**	**14:22**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	14:22
Calcium	**317.93**	**12.2**	**5000**	**63700**		**1**	**ICPST**	**1/9/02**	**14:22**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	14:22
Cobalt	**228.62**	**0.86**	**50.0**	**1.9**	~~B~~ B	1	**ICPST**	**1/9/02**	**14:22**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	14:22
Iron	**271.44**	**45.0**	**100**	**1580**		**1**	**ICPST**	**1/9/02**	**14:22**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	14:22
Magnesium	**279.08**	**7.1**	**5000**	**7190**		**1**	**ICPST**	**1/9/02**	**14:22**
Manganese	**257.61**	**0.47**	**15.0**	**183**		**1**	**ICPST**	**1/9/02**	**14:22**
Nickel	**231.60**	**2.4**	**40.0**	**7.4**	~~B~~ B	1	**ICPST**	**1/9/02**	**14:22**
Potassium	**766.49**	**519**	**5000**	**54600**		**1**	**ICP**	**1/5/02**	**16:19**
Selenium	**220.35**	**3.2**	**5.0**	**8.1**		**1**	**ICPST**	**1/9/02**	**14:22**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	14:22
Sodium	**589**	**15.0**	**5000**	**79200**		**1**	**ICP**	**1/5/02**	**16:19**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	14:22
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	16:19
Vanadium	**292.40**	**1.5**	**50.0**	**4.9**	~~B~~ J	1	**ICPST**	**1/9/02**	**14:22**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	14:22

smk 2/18/02

Comments: Lot #: C1L190296 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRMD **Client ID:** GL16-PZP003

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	14:27
Arsenic	189.04	2.0	10.0	19.7		1	ICPST	1/9/02	14:27
Barium	493.41	0.14	200	126	~~B~~ J	1	ICPST	1/9/02	14:27
Beryllium	313.04	0.40	5.0	5.7	B	1	ICPST	1/9/02	14:27
Cadmium	226.50	0.63	5.0	20.7		1	ICPST	1/9/02	14:27
Chromium	267.72	1.1	5.0	65.8		1	ICPST	1/9/02	14:27
Cobalt	228.62	0.86	50.0	16.6	~~B~~ J	1	ICPST	1/9/02	14:27
Copper	324.75	0.77	25.0	97.1		1	ICPST	1/9/02	14:27
Lead	220.35	1.8	3.0	676		1	ICPST	1/9/02	14:27
Nickel	231.60	2.4	40.0	110		1	ICPST	1/9/02	14:27
Selenium	220.35	3.2	5.0	5.8		1	ICPST	1/9/02	14:27
Silver	328.07	0.75	5.0	1.9	~~B~~ J	1	ICPST	1/9/02	14:27
Thallium	190.86	5.7	10.0	5.9	~~B~~ J	1	ICPST	1/9/02	14:27
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	16:22
Vanadium	292.40	1.5	50.0	210		1	ICPST	1/9/02	14:27
Zinc	213.86	1.5	20.0	3050		1	ICPST	1/9/02	14:27

smk 2/8/2002

Comments: Lot #: C1L190296 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRML **Client ID:** GL10-PZM012

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	14:35
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/9/02	14:35
Barium	**493.41**	**0.14**	**200**	**180**	~~B~~ B	1	**ICPST**	**1/9/02**	**14:35**
Beryllium	**313.04**	**0.40**	**5.0**	**4.4**	~~B~~ B	1	**ICPST**	**1/9/02**	**14:35**
Cadmium	**226.50**	**0.63**	**5.0**	**0.66**	~~B~~ J	1	**ICPST**	**1/9/02**	**14:35**
Calcium	**317.93**	**12.2**	**5000**	**16200**		1	**ICPST**	**1/9/02**	**14:35**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	14:35
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	14:35
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/9/02	14:35
Iron	**271.44**	**45.0**	**100**	**85300**		1	**ICPST**	**1/9/02**	**14:35**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	14:35
Magnesium	**279.08**	**7.1**	**5000**	**8280**		1	**ICPST**	**1/9/02**	**14:35**
Manganese	**257.61**	**0.47**	**15.0**	**1130**		1	**ICPST**	**1/9/02**	**14:35**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/9/02	14:35
Potassium	**766.49**	**519**	**5000**	**2160**	~~B~~ J	1	**ICP**	**1/5/02**	**16:28**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	14:35
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	14:35
Sodium	**589**	**15.0**	**5000**	**70300**		1	**ICP**	**1/5/02**	**16:28**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	14:35
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	16:28
Vanadium	**292.40**	**1.5**	**50.0**	**4.8**	~~B~~ J	1	**ICPST**	**1/9/02**	**14:35**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/9/02	14:35

SMK 2/18/2002

Comments: Lot #: C1L190296 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRMG **Client ID:** EQUIP BLANK#2

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	14:31
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/9/02	14:31
Barium	**493.41**	**0.14**	**200**	**35.6**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:31**
Beryllium	**313.04**	**0.40**	**5.0**	**4.7**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:31**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	14:31
Calcium	**317.93**	**12.2**	**5000**	**8730**		**1**	**ICPST**	**1/9/02**	**14:31**
Chromium	**267.72**	**1.1**	**5.0**	**5.2**		**1**	**ICPST**	**1/9/02**	**14:31**
Cobalt	**228.62**	**0.86**	**50.0**	**1.8**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:31**
Copper	**324.75**	**0.77**	**25.0**	**28.3**		**1**	**ICPST**	**1/9/02**	**14:31**
Iron	**271.44**	**45.0**	**100**	**281**		**1**	**ICPST**	**1/9/02**	**14:31**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	14:31
Magnesium	**279.08**	**7.1**	**5000**	**1690**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:31**
Manganese	**257.61**	**0.47**	**15.0**	**26.2**		**1**	**ICPST**	**1/9/02**	**14:31**
Nickel	**231.60**	**2.4**	**40.0**	**6.4**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:31**
Potassium	766.49	519	5000	519	U	1	ICP	1/5/02	16:25
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	14:31
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	14:31
Sodium	**589**	**15.0**	**5000**	**3810**	**B**	**J 1**	**ICP**	**1/5/02**	**16:25**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	14:31
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	16:25
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/9/02	14:31
Zinc	**213.86**	**1.5**	**20.0**	**185**		**1**	**ICPST**	**1/9/02**	**14:31**

Comments: Lot #: C1L190296 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRMN **Client ID:** EQUIP BLANK#3

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST.	1/9/02	14:40
Arsenic	**189.04**	**2.0**	**10.0**	**2.3**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:40**
Barium	**493.41**	**0.14**	**200**	**15.4**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:40**
Beryllium	**313.04**	**0.40**	**5.0**	**4.4**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:40**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	14:40
Calcium	**317.93**	**12.2**	**5000**	**3620**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:40**
Chromium	**267.72**	**1.1**	**5.0**	**7.1**		**1**	**ICPST**	**1/9/02**	**14:40**
Cobalt	**228.62**	**0.86**	**50.0**	**1.4**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:40**
Copper	**324.75**	**0.77**	**25.0**	**33.7**		**1**	**ICPST**	**1/9/02**	**14:40**
Iron	**271.44**	**45.0**	**100**	**264**		**1**	**ICPST**	**1/9/02**	**14:40**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	14:40
Magnesium	**279.08**	**7.1**	**5000**	**1550**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:40**
Manganese	**257.61**	**0.47**	**15.0**	**30.4**		**1**	**ICPST**	**1/9/02**	**14:40**
Nickel	**231.60**	**2.4**	**40.0**	**7.2**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:40**
Potassium	766.49	519	5000	519	U	1	ICP	1/5/02	16:31
Selenium	**220.35**	**3.2**	**5.0**	**3.4**	**B**	**J 1**	**ICPST**	**1/9/02**	**14:40**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	14:40
Sodium	**589**	**15.0**	**5000**	**2900**	**B**	**J 1**	**ICP**	**1/5/02**	**16:31**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	14:40
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	16:31
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/9/02	14:40
Zinc	**213.86**	**1.5**	**20.0**	**239**		**1**	**ICPST**	**1/9/02**	**14:40**

Comments: Lot #: C1L190296 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQPC0 **Client ID:** EQUIP BLK#1

Matrix: Water **Units:** ug/L **Prep Date:** 12/26/01 **Prep Batch:** 1356109

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/9/02	13:11
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/9/02	13:11
Barium	**493.41**	**0.14**	**200**	**115**	~~B~~ J	1	**ICPST**	**1/9/02**	**13:11**
Beryllium	**313.04**	**0.40**	**5.0**	**3.2**	~~B~~ J	1	**ICPST**	**1/9/02**	**13:11**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/9/02	13:11
Calcium	**317.93**	**12.2**	**5000**	**27800**		1	**ICPST**	**1/9/02**	**13:11**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/9/02	13:11
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/9/02	13:11
Copper	**324.75**	**0.77**	**25.0**	**13.6**	~~B~~ J	1	**ICPST**	**1/9/02**	**13:11**
Iron	271.44	45.0	100	45.0	U	1	ICPST	1/9/02	13:11
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/9/02	13:11
Magnesium	**279.08**	**7.1**	**5000**	**2420**	~~B~~ J	1	**ICPST**	**1/9/02**	**13:11**
Manganese	257.61	0.47	15.0	0.47	U	1	ICPST	1/9/02	13:11
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/9/02	13:11
Potassium	**766.49**	**519**	**5000**	**718**	~~B~~ J	1	**ICP**	**1/5/02**	**15:35**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/9/02	13:11
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/9/02	13:11
Sodium	**589**	**15.0**	**5000**	**7470**		1	**ICP**	**1/5/02**	**15:35**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/9/02	13:11
Tin	189.99	28.8	100	28.8	U	1	ICP	1/5/02	15:35
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/9/02	13:11
Zinc	**213.86**	**1.5**	**20.0**	**20.5**		1	**ICPST**	**1/9/02**	**13:11**

Comments: Lot #: C1L180243 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

CH2M Hill BS Sparrows Point

Bicarbonate Alkalinity

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 310.1
Lot Number: C1L180243
Date/Time Received: 12/18/01 10:00:00AM
SDG Number: SPC005

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL08-PZM000	003	EQPCK1A4	330	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
GL11-PZP002	005	EQPCR1A4	214	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
EQUIP BLK#1	007	EQPC01AF	76.2	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
GL02-PZM028	008	EQPC61AF	330	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
GL02-PZM017	009	EQPDA1AF	152	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
GL02-PZM006	010	EQPDG1AF	37.1	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
GL17-PZM005	011	EQPDL1AF	ND	mg/L	5.0	1	12/19/01 - 12/19/01	1353500
GL11-PZM030	001	EQRL11A4	57.7	mg/L	5.0	1	12/27/01 - 12/27/01	1361496
GL11-PZM030 DUP	002	EQRL31AF	51.5	mg/L	5.0	1	12/27/01 - 12/27/01	1361496
GL13-PZM032	004	EQRL61AF	41.2	mg/L	5.0	1	12/27/01 - 12/27/01	1361496
GL13-~~PZM007~~ PZP003 1/20/02 ACD	005	EQRMA1AF	146	mg/L	5.0	1	12/27/01 - 12/27/01	1361496
EQUIP BLANK#2	007	EQRMG1AF	11.3	mg/L	5.0	1	12/27/01 - 12/27/01	1361496
GL10-PZM012	008	EQRML1AF	76.2	mg/L	5.0	1	12/27/01 - 12/27/01	1361496
EQUIP BLANK#3	009	EQRMN1AF	23.7	mg/L	5.0	1	12/27/01 - 12/27/01	1361497

SMK 2/18/02

CH2M Hill BS Sparrows Point

Available Cyanide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 1677 - Cyani
Lot Number: C1L180243
Date/Time Received: 12/18/01 10:00:00AM
SDG Number: SPC005

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL18-PZP002	001	EQPA31DA	30.2 J	mg/L	0.10	50	12/26/01 - 12/26/01	2011294
GL18-PZP002 DUP	002	EQPCF1A0	30.9 J	mg/L	0.10	50	12/26/01 - 12/26/01	2011294
GL08-PZM000	003	EQPCK1A0	2.3 J	mg/L	0.010	5	12/26/01 - 12/26/01	2011294
GL07-PZM031	004	EQPCP1A0	0.010 J	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
GL11-PZP002	005	EQPCR1A0	0.87 J	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
GL05-PZM020	006	EQPCV1A0	0.0018 B J	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
EQUIP BLK#1	007	EQPC01AA	0.0012 B J	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
GL02-PZM028	008	EQPC61AA	0.016 J	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
GL02-PZM017	009	EQPDA1AA	0.049 J	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
GL02-PZM006	010	EQPDG1AA	0.90	mg/L	0.010	5	12/31/01 - 12/31/01	2011296
GL17-PZM005	011	EQPDL1AA	9.1	mg/L	0.10	50	12/31/01 - 12/31/01	2011296
GL11-PZM030	001	EQRL11A0	0.075 J	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
GL11-PZM030 DUP	002	EQRL31AA	0.078 J	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
GL10-PZP003	003	EQRL41A0	0.15 J	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
GL13-PZM032	004	EQRL61AA	0.035 J	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
GL13~~-PZM007~~ PZP003 1/20/02 AED	005	EQRMA1AA	0.77 J	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
EQUIP BLANK#2	007	EQRMG1AA	ND	mg/L	0.0020	1	12/26/01 - 12/26/01	2011294
GL10-PZM012	008	EQRML1AA	0.037	mg/L	0.0020	1	12/31/01 - 12/31/01	2011296
EQUIP BLANK#3	009	EQRMN1AA	0.0011 B	mg/L	0.0020	1	12/31/01 - 12/31/01	2011296

B Estimated result. Result is less than RL and greater than or equal to the IDL.

SMT 2/18/02

CH2M Hill BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L180243
Date/Time Received: 12/18/01 10:00:00AM
SDG Number: SPC005

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL08-PZM000	003	EQPCK1A2	736	mg/L	10.0	10	1/7/02 - 1/7/02	2007285
GL11-PZP002	005	EQPCR1A2	216	mg/L	10.0	10	1/7/02 - 1/7/02	2007285
EQUIP BLK#1	007	EQPC01AD	4.2	mg/L	1.0	1	1/7/02 - 1/7/02	2007285
GL02-PZM028	008	EQPC61AD	4040	mg/L	25.0	25	1/7/02 - 1/7/02	2007285
GL02-PZM017	009	EQPDA1AD	2020	mg/L	25.0	25	1/7/02 - 1/7/02	2007285
GL02-PZM006	010	EQPDG1AD	228	mg/L	10.0	10	1/7/02 - 1/7/02	2007285
GL17-PZM005	011	EQPDL1AD	704	mg/L	10.0	10	1/7/02 - 1/7/02	2007285
GL11-PZM030	001	EQRL11A2	374	mg/L	5.0	5	1/7/02 - 1/7/02	2007285
GL11-PZM030 DUP	002	EQRL31AD	353	mg/L	10.0	10	1/7/02 - 1/7/02	2007285
GL13-PZM032	004	EQRL61AD	1630	mg/L	10.0	10	1/7/02 - 1/7/02	2007285
GL13-~~PZM007~~ PZP003 1/20/02 AM	005	EQRMA1AD	84.6	mg/L	1.0	1	1/7/02 - 1/7/02	2007285
EQUIP BLANK#2	007	EQRMG1AD	3.6	mg/L	1.0	1	1/7/02 - 1/7/02	2007285
GL10-PZM012	008	EQRML1AD	202	mg/L	5.0	5	1/7/02 - 1/7/02	2007285
EQUIP BLANK#3	009	EQRMN1AD	3.7	mg/L	1.0	1	1/7/02 - 1/7/02	2007285

SMK 2/19/02

CH2M Hill BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L180243
Date/Time Received: 12/18/01 10:00:00AM
SDG Number: SPC005

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL08-PZM000	003	EQPCK1A3	29.4	mg/L	1.0	1	1/7/02 -1/7/02	2007289
GL11-PZP002	005	EQPCR1A3	774	mg/L	10.0	10	1/7/02 -1/7/02	2007289
EQUIP BLK#1	007	EQPC01AE	6.9	mg/L	1.0	1	1/7/02 -1/7/02	2007289
GL02-PZM028	008	EQPC61AE	294	mg/L	10.0	10	1/7/02 -1/7/02	2007289
GL02-PZM017	009	EQPDA1AE	188	mg/L	1.0	1	1/7/02 -1/7/02	2007289
GL02-PZM006	010	EQPDG1AE	898	mg/L	10.0	10	1/7/02 -1/7/02	2007289
GL17-PZM005	011	EQPDL1AE	790	mg/L	10.0	10	1/7/02 -1/7/02	2007289
GL11-PZM030	001	EQRL11A3	ND	mg/L	1.0	1	1/7/02 -1/7/02	2007289
GL11-PZM030 DUP	002	EQRL31AE	ND	mg/L	1.0	1	1/7/02 -1/7/02	2007289
GL13-PZM032	004	EQRL61AE	197	mg/L	10.0	10	1/7/02 -1/7/02	2007289
GL13-~~PZM007~~ PZP003 1/20/02 DUP	005	EQRMA1AE	309	mg/L	5.0	5	1/7/02 -1/7/02	2007289
EQUIP BLANK#2	007	EQRMG1AE	13.2	mg/L	1.0	1	1/7/02 -1/7/02	2007289
GL10-PZM012	008	EQRML1AE	ND	mg/L	1.0	1	1/7/02 -1/7/02	2007289
EQUIP BLANK#3	009	EQRMN1AE	12.5	mg/L	1.0	1	1/7/02 -1/7/02	2007289

SMK 2/19/02

CH2M Hill BS Sparrows Point

Total Sulfide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: SW846 9030B/9034
Lot Number: C1L180243
Date/Time Received: 12/18/01 10:00:00AM
SDG Number: SPC005

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL18-PZP002	001	EQPA31DE	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL18-PZP002 DUP	002	EQPCF1A1	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL08-PZM000	003	EQPCK1A1	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL07-PZM031	004	EQPCP1A1	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL11-PZP002	005	EQPCR1A1	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL05-PZM020	006	EQPCV1A1	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
EQUIP BLK#1	007	EQPC01AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL02-PZM028	008	EQPC61AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL02-PZM017	009	EQPDA1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL02-PZM006	010	EQPDG1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL17-PZM005	011	EQPDL1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL11-PZM030	001	EQRL11A1	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355510
GL11-PZM030 DUP	002	EQRL31AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355510
GL10-PZP003	003	EQRL41A1	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355510
GL13-PZM032	004	EQRL61AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355510
GL13-~~PZM007~~ PZP003 1/20/02 ACD	005	EQRMA1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355510
EQUIP BLANK#2	007	EQRMG1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355510
GL10-PZM012	008	EQRML1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355510
EQUIP BLANK#3	009	EQRMN1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355510

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC006
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, and polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/21/2006
Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

The chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

5.0 *INSTRUMENT PERFORMANCE*

All criteria were met. No qualifiers were applied.

5.0 *INITIAL AND CONTINUING CALIBRATIONS*

The positive acetone results for sample CP10-PZM008-01C should be a considered quantitative estimate. The continuing calibration precision criterion was exceeded for this compound. This indicates a lack of instrument stability for these compounds. The acetone result has been marked with "J" qualifiers to indicate that it is a quantitative estimate.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The positive results reported for samples presented on page 4 are qualitatively invalid due to the presence of these compounds in associated laboratory method and/or field blanks. USEPA Region III protocol requires positive results for common contaminants, such as acetone or methylene chloride, that are less than or equal to ten times the associated blank contamination level, to be considered qualitatively invalid. Results

for uncommon contaminants, such as benzene, present at concentrations that are less than five times the level of an associated blank are also invalid. Placing "B" qualifiers next to the results for the samples has indicated this.

Compound	Qualified Results
Acetone	CO10-PZM006-01C
Benzene	C004-PZM048-01C, CP10-PZM008-01C
Methylene Chloride	GL13-PZM012 DUP

7.0 SURROGATE COMPOUNDS

Positive results for acid extractable semivolatile organic compounds for samples CP09-PZM009-01C and C10-PZM006-01C should be considered biased low quantitative estimates, and may be higher than reported. Quantitation limits for these compounds have been rejected, and should be considered suspect. Recoveries for the acid surrogate compounds were less than 10 percent for these samples. The poor recovery may be due to the presence of severe interferences for this sample. The laboratory re-extracted the samples outside of the holding time, and confirmed the poor recovery. The initial extraction results selected for reporting purposes. Positive results for acid extractable semivolatile organic compounds for sample have been marked with "L" qualifiers to indicate that they are biased low quantitative estimated. Quantitation limits are marked "R" to indicate that they are suspect.

8.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

9.0 FIELD DUPLICATE RESULTS

Duplicate sample pairs CP09-PZM010-01C and CP09-PZM010-01C DUP, and TM08-PZ038 and TM08-PZ038 DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic

compounds determined to be present. Results for these duplicate samples are presented in Tables 2 and 3. Precision is evaluated by calculating the relative percent difference (%RPD) between duplicate pair results. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criteria of twenty percent for volatile detected compounds (and 25 percent for extractable compounds) to evaluate aqueous field duplicate samples.

10.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

11.0 INTERNAL STANDARD PERFORMANCE

All criteria were met. No qualifiers were applied.

12.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

13.0 QUANTITATION/REPORTING LIMITS

The samples presented on page 6 were re-analyzed at dilutions for volatile or semivolatile organic compounds. The dilution analyses were performed because responses for these compounds exceeded the linear range of the GC/MS instrument. The results for the affected compounds have been reported from the diluted analysis. All other results have been reported from the initial analysis.

Sample	Fraction	Dilution Factor	Compound Reported From Dilution Analysis
C004-PZM004-01C	SVOA	100	Naphthalene
C004-PZM048-01C	SVOA	20.0	Naphthalene
C008-PZM005-01C	SVOA	25.0	Naphthalene
C008-PZM036-01C	SVOA	25.0	Naphthalene
C009-PZM007-01C	SVOA	40.0	2-Methylphenol, 4-Methylphenol, Phenol
C009-PZM007-01C DUP	SVOA	40.0	2-Methylphenol, 4-Methylphenol, Phenol
C10-PZM006-01C	SVOA	5.0	Naphthalene
C015-PZM005-01C	SVOA	20.0	2-Methylphenol, 4-Methylphenol, Naphthalene, Phenol
C015-PZM005-01C DUP	VOA	5.0	Benzene
	SVOA	25.0	2-Methylphenol, 4-Methylphenol, Naphthalene, Phenol, Pyridine
CP06-PZM009-01C DUP	VOA	5.0	Acetone
CP10-PZM008-01C	SVOA	5.0	Naphthalene, Phenol
SW17-PZM007-01C	SVOA	50.0	Naphthalene

The samples presented on page 7 were analyzed at dilutions. The dilution analyses were performed because of the suspected presence of high levels of target compounds and/or interferences. Quantitation limits are elevated by the dilution factor for these samples for target compounds that were not detected. The elevated quantitation limits should be noted when assessing the data for these samples.

Sample	Fraction	Dilution Factor
C004-PZM004-01C	SVOA	5.0
C004-PZM048-01C	SVOA	10.0
C008-PZM005-01C	SVOA	5.0
C008-PZM036-01C	SVOA	5.0
C009-PZM007-01C	SVOA	2.0
C009-PZM007-01C DUP	SVOA	2.0
C010-PZM006-01C	VOA	3.0
C015-PZM005-01C	VOA	5000
C015-PZM005-01C DUP	VOA	2000
	SVOA	5.0
CP06-PZM009-01C DUP	VOA	2.0
CP10-PZM008-01C	VOA	2.0
C004-PZM016-01C	VOA	200
C008-PZM005-01C	VOA	200
C009-PZM007-01C	VOA	10.0
C009-PZM007-01C DUP	VOA	10.0
SW17-PZM007-01C	VOA	2500
	SVOA	5.0
SW17-PZM037-01C	VOA	2500

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits

(QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

Table 2 Field Duplicate Sample Results for Organic Analyses
Ground Water Duplicate Samples C009-PZM007-01C and C009-PZM007-01C DUP

Analyte	Sample	Field Duplicate	RPD	Comments
	C009-PZM007-01C (µg/L)	C009-PZM007-01C DUP (µg/L)		
Benzene	190	180	NC	
Toluene	190	170	NC	

Table 3 Field Duplicate Sample Results for Organic Analyses
Ground Water Duplicate Samples C015-PZM005-01C and C015-PZM005-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	C015-PZM005-01C (µg/L)		C015-PZM005-01C DUP (µg/L)			
Benzene	98000		110000		11.5	
Toluene	14000		10000		33.3	*
Acenaphthylene	7.0	J	8	J	13.3	
Acenaphthene	32		35	J	9.0	
Anthracene	7.4	J	9.1	J	20.6	
Benzo(a) Antracene	7.3	J	8.3	J	12.8	
Benzo(b)Fluoranthene	6.1	J	7.6	J	21.9	*
Benzo(k)Fluoranthene	8.4	J	3.7	J	77.7	*
Benzo(a)Pyrene	3.6	J	4.3	J	17.7	
Chrysene	8.5	J	8.2	J	3.6	
Dibenzofuran	16		17	J	6.1	
2,4-Dimethylphenol	15		21	J	33.3	*
Fluoranthene	29		29	J	0.0	
Fluorene	19		20	J	5.1	
Indeno(1,2,3-cd)pyrene	4.6	J	4.2	J	9.1	
2-Methylnaphthalene	24		38	J	45.2	*
2-Methylphenol	84	J	93	J	10.2	
Naphthalene	1200		1400		15.4	
4-Methylphenol	97	J	110	J	12.6	
Phenanthrene	46		48	J	4.3	
Phenol	290		370		24.2	*
Pyrene	16		19	J	17.1	
Pyridine	62		180	J	97.5	*

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L190301 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRNC1AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1353545

Client Sample Id: GL13-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMM 2/10/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L190301 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRNC1AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1353545

Client Sample Id: GL13-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMK 2/8/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L190301 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRNK1AM Date Extracted:12/21/01
Dilution factor: 1 Date Analyzed: 12/21/01
Moisture %:NA

QC Batch: 1355237

Client Sample Id: GL13-PZM012 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	0.83	J B
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/10/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L190301 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRNK1AM Date Extracted:12/21/01
Dilution factor: 1 Date Analyzed: 12/21/01
Moisture %:NA

QC Batch: 1355237

Client Sample Id: GL13-PZM012 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

2/10/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L190301 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRNL1AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1353545

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smk 2/10/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L190301 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/19/01
Work Order: EQRNL1AA Date Extracted:12/19/01
Dilution factor: 1 Date Analyzed: 12/20/01
Moisture %:NA

QC Batch: 1353545

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

smk 2/10/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWHQ1AA Date Extracted:12/29/01
Dilution factor: 5000 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363189

Client Sample Id: CO15-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	50000	U
71-43-2	**Benzene**	**98000**	
75-25-2	Bromoform	5000	U
78-93-3	2-Butanone	25000	U
75-15-0	Carbon disulfide	5000	U
56-23-5	Carbon tetrachloride	5000	U
108-90-7	Chlorobenzene	5000	U
75-00-3	Chloroethane	10000	U
67-66-3	Chloroform	5000	U
75-34-3	1,1-Dichloroethane	5000	U
107-06-2	1,2-Dichloroethane	5000	U
75-35-4	1,1-Dichloroethene	5000	U
156-60-5	trans-1,2-Dichloroethene	5000	U
78-87-5	1,2-Dichloropropane	5000	U
10061-01-5	cis-1,3-Dichloropropene	5000	U
10061-02-6	trans-1,3-Dichloropropene	5000	U
100-41-4	Ethylbenzene	5000	U
591-78-6	2-Hexanone	25000	U
75-09-2	Methylene chloride	10000	U
108-10-1	4-Methyl-2-pentanone	25000	U
630-20-6	1,1,1,2-Tetrachloroethane	5000	U
79-34-5	1,1,2,2-Tetrachloroethane	5000	U
127-18-4	Tetrachloroethene	5000	U
108-88-3	**Toluene**	**14000**	
71-55-6	1,1,1-Trichloroethane	5000	U
79-00-5	1,1,2-Trichloroethane	5000	U
79-01-6	Trichloroethene	5000	U
75-01-4	Vinyl chloride	10000	U

smt 2/07/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWHQ1AA Date Extracted:12/29/01
Dilution factor: 5000 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363189

Client Sample Id: CO15-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	15000	U

smk 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWHX1AD Date Extracted:12/28/01
Dilution factor: 2000 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1362355

Client Sample Id: CO15-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	20000	U	R
71-43-2	Benzene	98000		
75-25-2	Bromoform	2000	U	
78-93-3	2-Butanone	10000	U	
75-15-0	Carbon disulfide	2000	U	
56-23-5	Carbon tetrachloride	2000	U	
108-90-7	Chlorobenzene	2000	U	
75-00-3	Chloroethane	4000	U	
67-66-3	Chloroform	2000	U	
75-34-3	1,1-Dichloroethane	2000	U	
107-06-2	1,2-Dichloroethane	2000	U	
75-35-4	1,1-Dichloroethene	2000	U	
156-60-5	trans-1,2-Dichloroethene	2000	U	
78-87-5	1,2-Dichloropropane	2000	U	
10061-01-5	cis-1,3-Dichloropropene	2000	U	
10061-02-6	trans-1,3-Dichloropropene	2000	U	
100-41-4	Ethylbenzene	2000	U	
591-78-6	2-Hexanone	10000	U	
75-09-2	Methylene chloride	4000	U	
108-10-1	4-Methyl-2-pentanone	10000	U	
630-20-6	1,1,1,2-Tetrachloroethane	2000	U	
79-34-5	1,1,2,2-Tetrachloroethane	2000	U	
127-18-4	Tetrachloroethene	2000	U	
108-88-3	Toluene	10000		
71-55-6	1,1,1-Trichloroethane	2000	U	
79-00-5	1,1,2-Trichloroethane	2000	U	
79-01-6	Trichloroethene	2000	U	
75-01-4	Vinyl chloride	4000	U	

SMK 2/10/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWHX1AD Date Extracted:12/28/01
Dilution factor: 2000 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1362355

Client Sample Id: CO15-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	6000	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWHX2AD Date Extracted:12/29/01
Dilution factor: 5000 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363189

Client Sample Id: CO15-PZM005 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	50000	U	R
71-43-2	Benzene	110000		
75-25-2	Bromoform	5000	U	R
78-93-3	2-Butanone	25000	U	
75-15-0	Carbon disulfide	5000	U	
56-23-5	Carbon tetrachloride	5000	U	
108-90-7	Chlorobenzene	5000	U	
75-00-3	Chloroethane	10000	U	
67-66-3	Chloroform	5000	U	
75-34-3	1,1-Dichloroethane	5000	U	
107-06-2	1,2-Dichloroethane	5000	U	
75-35-4	1,1-Dichloroethene	5000	U	
156-60-5	trans-1,2-Dichloroethene	5000	U	
78-87-5	1,2-Dichloropropane	5000	U	
10061-01-5	cis-1,3-Dichloropropene	5000	U	
10061-02-6	trans-1,3-Dichloropropene	5000	U	
100-41-4	Ethylbenzene	5000	U	
591-78-6	2-Hexanone	25000	U	
75-09-2	Methylene chloride	10000	U	
108-10-1	4-Methyl-2-pentanone	25000	U	
630-20-6	1,1,1,2-Tetrachloroethane	5000	U	
79-34-5	1,1,2,2-Tetrachloroethane	5000	U	
127-18-4	Tetrachloroethene	5000	U	
108-88-3	Toluene	13000		
71-55-6	1,1,1-Trichloroethane	5000	U	
79-00-5	1,1,2-Trichloroethane	5000	U	
79-01-6	Trichloroethene	5000	U	
75-01-4	Vinyl chloride	10000	U	

SMK 2/10/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWHX2AD Date Extracted:12/29/01
Dilution factor: 5000 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363189

Client Sample Id: CO15-PZM005 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	15000	U

R

SM 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH01AA Date Extracted:12/28/01
Dilution factor: 1 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1362355

Client Sample Id: CO03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMH 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH01AA Date Extracted:12/28/01
Dilution factor: 1 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1362355

Client Sample Id: CO03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH11AM Date Extracted:12/29/01
Dilution factor: 2 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363140

Client Sample Id: CP06-PZM008 9 1/20/02 ACO

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	260	E	R
71-43-2	Benzene	20		
75-25-2	Bromoform	2.0	U	
78-93-3	2-Butanone	53		
75-15-0	Carbon disulfide	2.0	U	
56-23-5	Carbon tetrachloride	2.0	U	
108-90-7	Chlorobenzene	2.0	U	
75-00-3	Chloroethane	4.0	U	
67-66-3	Chloroform	2.0	U	
75-34-3	1,1-Dichloroethane	2.0	U	
107-06-2	1,2-Dichloroethane	2.0	U	
75-35-4	1,1-Dichloroethene	2.0	U	
156-60-5	trans-1,2-Dichloroethene	2.0	U	
78-87-5	1,2-Dichloropropane	2.0	U	
10061-01-5	cis-1,3-Dichloropropene	2.0	U	
10061-02-6	trans-1,3-Dichloropropene	2.0	U	
100-41-4	Ethylbenzene	0.61	J	
591-78-6	2-Hexanone	2.4	J	
75-09-2	Methylene chloride	4.0	U	
108-10-1	4-Methyl-2-pentanone	10	U	
630-20-6	1,1,1,2-Tetrachloroethane	2.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	
127-18-4	Tetrachloroethene	2.0	U	
108-88-3	Toluene	11		
71-55-6	1,1,1-Trichloroethane	2.0	U	
79-00-5	1,1,2-Trichloroethane	2.0	U	
79-01-6	Trichloroethene	2.0	U	
75-01-4	Vinyl chloride	4.0	U	

smk 2/10/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH11AM Date Extracted:12/29/01
Dilution factor: 2 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363140

Client Sample Id: CP06-PZM006 9 1/20/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	2.9	J

ymk

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH12AM Date Extracted:12/30/01
Dilution factor: 5 Date Analyzed: 12/30/01
Moisture %:NA

QC Batch: 1364094

Client Sample Id: CP06-PZM009 -RE 1

1/20/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	220	
71-43-2	Benzene	14	
75-25-2	Bromoform	5.0	U
78-93-3	2-Butanone	39	
75-15-0	Carbon disulfide	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	25	U
75-09-2	Methylene chloride	10	U
108-10-1	4-Methyl-2-pentanone	4.2	J
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	8.1	
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	10	U

R

SMK 2/8/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH12AM Date Extracted:12/30/01
Dilution factor: 5 Date Analyzed: 12/30/01
Moisture %:NA

QC Batch: 1364094

Client Sample Id: CP06-PZM008 -RE 1

1/20/02 #CD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	15	U	R

SMK 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH21A0 Date Extracted:12/30/01
Dilution factor: 2 Date Analyzed: 12/30/01
Moisture %:NA

QC Batch: 1364094

Client Sample Id: CP10-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	88	
71-43-2	Benzene	3.3	
75-25-2	Bromoform	2.0	U
78-93-3	2-Butanone	8.3	J
75-15-0	Carbon disulfide	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
108-90-7	Chlorobenzene	2.0	U
75-00-3	Chloroethane	4.0	U
67-66-3	Chloroform	1.9	J
75-34-3	1,1-Dichloroethane	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
100-41-4	Ethylbenzene	2.0	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	4.0	U
108-10-1	4-Methyl-2-pentanone	10	U
630-20-6	1,1,1,2-Tetrachloroethane	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
108-88-3	Toluene	3.2	
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
79-01-6	Trichloroethene	2.0	U
75-01-4	Vinyl chloride	4.0	U

J B

SMK 2/10/2001

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH21A0 Date Extracted:12/30/01
Dilution factor: 2 Date Analyzed: 12/30/01
Moisture %:NA

QC Batch: 1364094

Client Sample Id: CP10-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.6	J

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH22A0 Date Extracted:12/30/01
Dilution factor: 2 Date Analyzed: 12/30/01
Moisture %:NA

QC Batch: 1364094

Client Sample Id: CP10-PZM008 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	140	
71-43-2	Benzene	5.9	
75-25-2	Bromoform	2.0	U
78-93-3	2-Butanone	24	
75-15-0	Carbon disulfide	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
108-90-7	Chlorobenzene	2.0	U
75-00-3	Chloroethane	4.0	U
67-66-3	Chloroform	2.0	U
75-34-3	1,1-Dichloroethane	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
100-41-4	Ethylbenzene	2.0	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	4.0	U
108-10-1	4-Methyl-2-pentanone	10	U
630-20-6	1,1,1,2-Tetrachloroethane	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
108-88-3	Toluene	3.3	
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
79-01-6	Trichloroethene	2.0	U
75-01-4	Vinyl chloride	4.0	U

R

SMK 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH22A0 Date Extracted:12/30/01
Dilution factor: 2 Date Analyzed: 12/30/01
Moisture %:NA

QC Batch: 1364094

Client Sample Id: CP10-PZM008 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	6.0	U	R

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH41AD Date Extracted:12/28/01
Dilution factor: 3 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1362355

Client Sample Id: CO10-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	19	J	B
71-43-2	Benzene	100		
75-25-2	Bromoform	3.0	U	
78-93-3	2-Butanone	15	U	
75-15-0	Carbon disulfide	3.0	U	
56-23-5	Carbon tetrachloride	3.0	U	
108-90-7	Chlorobenzene	3.0	U	
75-00-3	Chloroethane	6.0	U	
67-66-3	Chloroform	1.5	J	
75-34-3	1,1-Dichloroethane	3.0	U	
107-06-2	1,2-Dichloroethane	3.0	U	
75-35-4	1,1-Dichloroethene	3.0	U	
156-60-5	trans-1,2-Dichloroethene	3.0	U	
78-87-5	1,2-Dichloropropane	3.0	U	
10061-01-5	cis-1,3-Dichloropropene	3.0	U	
10061-02-6	trans-1,3-Dichloropropene	3.0	U	
100-41-4	Ethylbenzene	1.6	J	
591-78-6	2-Hexanone	15	U	
75-09-2	Methylene chloride	6.0	U	
108-10-1	4-Methyl-2-pentanone	15	U	
630-20-6	1,1,1,2-Tetrachloroethane	3.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	3.0	U	
127-18-4	Tetrachloroethene	3.0	U	
108-88-3	Toluene	5.2		
71-55-6	1,1,1-Trichloroethane	3.0	U	
79-00-5	1,1,2-Trichloroethane	3.0	U	
79-01-6	Trichloroethene	3.0	U	
75-01-4	Vinyl chloride	6.0	U	

smk 2/20/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH41AD Date Extracted:12/28/01
Dilution factor: 3 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1362355

Client Sample Id: CO10-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	16	

SMM 2/10/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH81AD Date Extracted:12/29/01
Dilution factor: 2500 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363140

Client Sample Id: SW17-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	25000	U
71-43-2	**Benzene**	**64000**	
75-25-2	Bromoform	2500	U
78-93-3	2-Butanone	12000	U
75-15-0	Carbon disulfide	2500	U
56-23-5	Carbon tetrachloride	2500	U
108-90-7	Chlorobenzene	2500	U
75-00-3	Chloroethane	5000	U
67-66-3	Chloroform	2500	U
75-34-3	1,1-Dichloroethane	2500	U
107-06-2	1,2-Dichloroethane	2500	U
75-35-4	1,1-Dichloroethene	2500	U
156-60-5	trans-1,2-Dichloroethene	2500	U
78-87-5	1,2-Dichloropropane	2500	U
10061-01-5	cis-1,3-Dichloropropene	2500	U
10061-02-6	trans-1,3-Dichloropropene	2500	U
100-41-4	Ethylbenzene	2500	U
591-78-6	2-Hexanone	12000	U
75-09-2	Methylene chloride	5000	U
108-10-1	4-Methyl-2-pentanone	12000	U
630-20-6	1,1,1,2-Tetrachloroethane	2500	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
127-18-4	Tetrachloroethene	2500	U
108-88-3	**Toluene**	**8600**	
71-55-6	1,1,1-Trichloroethane	2500	U
79-00-5	1,1,2-Trichloroethane	2500	U
79-01-6	Trichloroethene	2500	U
75-01-4	Vinyl chloride	5000	U

SMK 2/10/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH81AD Date Extracted:12/29/01
Dilution factor: 2500 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363140

Client Sample Id: SW17-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	7500	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH91AD Date Extracted:12/31/01
Dilution factor: 2500 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: SW17-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	25000	U
71-43-2	**Benzene**	**49000**	
75-25-2	Bromoform	2500	U
78-93-3	2-Butanone	12000	U
75-15-0	Carbon disulfide	2500	U
56-23-5	Carbon tetrachloride	2500	U
108-90-7	Chlorobenzene	2500	U
75-00-3	Chloroethane	5000	U
67-66-3	Chloroform	2500	U
75-34-3	1,1-Dichloroethane	2500	U
107-06-2	1,2-Dichloroethane	2500	U
75-35-4	1,1-Dichloroethene	2500	U
156-60-5	trans-1,2-Dichloroethene	2500	U
78-87-5	1,2-Dichloropropane	2500	U
10061-01-5	cis-1,3-Dichloropropene	2500	U
10061-02-6	trans-1,3-Dichloropropene	2500	U
100-41-4	Ethylbenzene	2500	U
591-78-6	2-Hexanone	12000	U
75-09-2	Methylene chloride	5000	U
108-10-1	4-Methyl-2-pentanone	12000	U
630-20-6	1,1,1,2-Tetrachloroethane	2500	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
127-18-4	Tetrachloroethene	2500	U
108-88-3	**Toluene**	**8700**	
71-55-6	1,1,1-Trichloroethane	2500	U
79-00-5	1,1,2-Trichloroethane	2500	U
79-01-6	Trichloroethene	2500	U
75-01-4	Vinyl chloride	5000	U

SMK 2/10/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWH91AD Date Extracted:12/31/01
Dilution factor: 2500 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: SW17-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	7500	U

smk 1/8/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJA1AM Date Extracted:12/30/01
Dilution factor: 1 Date Analyzed: 12/30/01
Moisture %:NA

QC Batch: 1364094

Client Sample Id: CO04-PZM048

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	10	U	
71-43-2	**Benzene**	**0.28**	J	B
75-25-2	Bromoform	1.0	U	
78-93-3	2-Butanone	5.0	U	
75-15-0	Carbon disulfide	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
75-00-3	Chloroethane	2.0	U	
67-66-3	**Chloroform**	**0.35**	J	
75-34-3	1,1-Dichloroethane	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U	
156-60-5	trans-1,2-Dichloroethene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
591-78-6	2-Hexanone	5.0	U	
75-09-2	Methylene chloride	2.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	**Toluene**	**0.33**	J	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	1.0	U	
75-01-4	Vinyl chloride	2.0	U	

SML 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJA1AM Date Extracted:12/30/01
Dilution factor: 1 Date Analyzed: 12/30/01
Moisture %:NA

QC Batch: 1364094

Client Sample Id: CO04-PZM048

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	1.7	J

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 011
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJC1AD Date Extracted:12/31/01
Dilution factor: 200 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2000	U
71-43-2	**Benzene**	**5900**	
75-25-2	Bromoform	200	U
78-93-3	2-Butanone	1000	U
75-15-0	Carbon disulfide	200	U
56-23-5	Carbon tetrachloride	200	U
108-90-7	Chlorobenzene	200	U
75-00-3	Chloroethane	400	U
67-66-3	Chloroform	200	U
75-34-3	1,1-Dichloroethane	200	U
107-06-2	1,2-Dichloroethane	200	U
75-35-4	1,1-Dichloroethene	200	U
156-60-5	trans-1,2-Dichloroethene	200	U
78-87-5	1,2-Dichloropropane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
100-41-4	**Ethylbenzene**	**150**	J
591-78-6	2-Hexanone	1000	U
75-09-2	Methylene chloride	400	U
108-10-1	4-Methyl-2-pentanone	1000	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
127-18-4	Tetrachloroethene	200	U
108-88-3	**Toluene**	**4600**	
71-55-6	1,1,1-Trichloroethane	200	U
79-00-5	1,1,2-Trichloroethane	200	U
79-01-6	Trichloroethene	200	U
75-01-4	Vinyl chloride	400	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 011
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJC1AD Date Extracted:12/31/01
Dilution factor: 200 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	2300	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 012
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJD1AD Date Extracted:12/31/01
Dilution factor: 200 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO08-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2000	U
71-43-2	**Benzene**	**5500**	
75-25-2	Bromoform	200	U
78-93-3	2-Butanone	1000	U
75-15-0	Carbon disulfide	200	U
56-23-5	Carbon tetrachloride	200	U
108-90-7	Chlorobenzene	200	U
75-00-3	Chloroethane	400	U
67-66-3	Chloroform	200	U
75-34-3	1,1-Dichloroethane	200	U
107-06-2	1,2-Dichloroethane	200	U
75-35-4	1,1-Dichloroethene	200	U
156-60-5	trans-1,2-Dichloroethene	200	U
78-87-5	1,2-Dichloropropane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
100-41-4	**Ethylbenzene**	**130**	J
591-78-6	2-Hexanone	1000	U
75-09-2	Methylene chloride	400	U
108-10-1	4-Methyl-2-pentanone	1000	U
630-20-6	1,1,1,2-Tetrachloroethane	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
127-18-4	Tetrachloroethene	200	U
108-88-3	**Toluene**	**4500**	
71-55-6	1,1,1-Trichloroethane	200	U
79-00-5	1,1,2-Trichloroethane	200	U
79-01-6	Trichloroethene	200	U
75-01-4	Vinyl chloride	400	U

smr 2/8/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 012
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJD1AD Date Extracted:12/31/01
Dilution factor: 200 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO08-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	2200	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 013
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJF1AD Date Extracted:12/29/01
Dilution factor: 1 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363140

Client Sample Id: CO10-PZM029

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/10/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 013
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJF1AD Date Extracted:12/29/01
Dilution factor: 1 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363140

Client Sample Id: CO10-PZM029

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 014
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJW1AM Date Extracted:12/31/01
Dilution factor: 25 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO04-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	250	U
71-43-2	**Benzene**	**660**	
75-25-2	Bromoform	25	U
78-93-3	2-Butanone	120	U
75-15-0	Carbon disulfide	25	U
56-23-5	Carbon tetrachloride	25	U
108-90-7	Chlorobenzene	25	U
75-00-3	Chloroethane	50	U
67-66-3	Chloroform	25	U
75-34-3	1,1-Dichloroethane	25	U
107-06-2	1,2-Dichloroethane	25	U
75-35-4	1,1-Dichloroethene	25	U
156-60-5	trans-1,2-Dichloroethene	25	U
78-87-5	1,2-Dichloropropane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
100-41-4	**Ethylbenzene**	**24**	J
591-78-6	2-Hexanone	120	U
75-09-2	**Methylene chloride**	**13**	J
108-10-1	4-Methyl-2-pentanone	120	U
630-20-6	1,1,1,2-Tetrachloroethane	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
127-18-4	Tetrachloroethene	25	U
108-88-3	**Toluene**	**190**	
71-55-6	1,1,1-Trichloroethane	25	U
79-00-5	1,1,2-Trichloroethane	25	U
79-01-6	Trichloroethene	25	U
75-01-4	Vinyl chloride	50	U

SML 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 014
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJW1AM Date Extracted:12/31/01
Dilution factor: 25 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO04-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	240	

12/10/2001

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 015
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJX1AM Date Extracted:12/29/01
Dilution factor: 1 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363189

Client Sample Id: EQUIP BLANK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	**2.7**	**J**
71-43-2	**Benzene**	**0.50**	**J**
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 015
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJX1AM Date Extracted:12/29/01
Dilution factor: 1 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363189

Client Sample Id: EQUIP BLANK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 016
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJ01AM Date Extracted:12/28/01
Dilution factor: 1 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1362355

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 016
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJ01AM Date Extracted:12/28/01
Dilution factor: 1 Date Analyzed: 12/28/01
Moisture %:NA

QC Batch: 1362355

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 017
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJ11AA Date Extracted:12/29/01
Dilution factor: 1 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363140

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 017
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/20/01
Work Order: EQWJ11AA Date Extracted:12/29/01
Dilution factor: 1 Date Analyzed: 12/29/01
Moisture %:NA

QC Batch: 1363140

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0RA1AA Date Extracted:12/31/01
Dilution factor: 10 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	100	U
71-43-2	**Benzene**	**190**	
75-25-2	Bromoform	10	U
78-93-3	2-Butanone	50	U
75-15-0	Carbon disulfide	10	U
56-23-5	Carbon tetrachloride	10	U
108-90-7	Chlorobenzene	10	U
75-00-3	Chloroethane	20	U
67-66-3	Chloroform	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	Ethylbenzene	10	U
591-78-6	2-Hexanone	50	U
75-09-2	Methylene chloride	20	U
108-10-1	4-Methyl-2-pentanone	50	U
630-20-6	1,1,1,2-Tetrachloroethane	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	**Toluene**	**190**	
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	10	U
75-01-4	Vinyl chloride	20	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0RA1AA Date Extracted:12/31/01
Dilution factor: 10 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	290	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0RQ1AM Date Extracted:12/31/01
Dilution factor: 10 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO09-PZM007 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	100	U
71-43-2	**Benzene**	**180**	
75-25-2	Bromoform	10	U
78-93-3	2-Butanone	50	U
75-15-0	Carbon disulfide	10	U
56-23-5	Carbon tetrachloride	10	U
108-90-7	Chlorobenzene	10	U
75-00-3	Chloroethane	20	U
67-66-3	Chloroform	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	Ethylbenzene	10	U
591-78-6	2-Hexanone	50	U
75-09-2	Methylene chloride	20	U
108-10-1	4-Methyl-2-pentanone	50	U
630-20-6	1,1,1,2-Tetrachloroethane	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	**Toluene**	**170**	
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	10	U
75-01-4	Vinyl chloride	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0RQ1AM Date Extracted:12/31/01
Dilution factor: 10 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO09-PZM007 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	250	

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0RW1AM Date Extracted:12/31/01
Dilution factor: 1 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO21-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	0.46	J
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0RW1AM Date Extracted:12/31/01
Dilution factor: 1 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365164

Client Sample Id: CO21-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L190301 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRNC1AC Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/07/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL13-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/19/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L190301 001

Sample WT/Vol: 1000 / mL
Work Order: EQRNC1AC
Dilution factor: 1
Moisture %:NA

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 01/07/02

QC Batch: 1355133

Client Sample Id: GL13-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	3.9	J
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	1.3	J
106-44-5	4-Methylphenol	2.5	J
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L190301 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRNC1AC Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/07/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL13-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L190301 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRNK1AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL13-PZM012 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L190301 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRNK1AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL13-PZM012 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	2.6	J
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	0.92	J
106-44-5	4-Methylphenol	1.4	J
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/6/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L190301 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/19/01
Work Order: EQRNK1AN Date Extracted:12/20/01
Dilution factor: 1 Date Analyzed: 01/04/02
Moisture %:NA

QC Batch: 1355133

Client Sample Id: GL13-PZM012 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMT 2/10/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHQ1AC Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/04/02

QC Batch: 1361102

Client Sample Id: CO15-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	7.0	J
208-96-8	Acenaphthylene	32	
120-12-7	Anthracene	7.4	J
56-55-3	Benzo(a)anthracene	7.3	J
205-99-2	Benzo(b)fluoranthene	6.1	J
207-08-9	Benzo(k)fluoranthene	8.4	J
191-24-2	Benzo(ghi)perylene	3.9	J
50-32-8	Benzo(a)pyrene	3.6	J
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	8.5	J
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	16	
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHQ1AC Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/04/02

QC Batch: 1361102

Client Sample Id: CO15-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	15		
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	29		
86-73-7	Fluorene	19		
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	4.6	J	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	24		
95-48-7	2-Methylphenol	180	~~E~~	R
106-44-5	4-Methylphenol	100	~~E~~	R
91-20-3	Naphthalene	680	~~E~~	R
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	46		
108-95-2	Phenol	250	~~E~~	R
129-00-0	Pyrene	16		
110-86-1	Pyridine	62		

FORM I

SML 2/10/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHQ1AC Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/04/02

QC Batch: 1361102

Client Sample Id: CO15-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U
621-64-7	N-Nitrosodi-n-propylamine	10	U

FORM I

SMT 2/10/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHQ2AC Date Extracted:12/26/01
Dilution factor: 20 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO15-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	R
83-32-9	Acenaphthene	200		
208-96-8	Acenaphthylene	42	J	
120-12-7	Anthracene	200		
56-55-3	Benzo(a)anthracene	200		
205-99-2	Benzo(b)fluoranthene	200		
207-08-9	Benzo(k)fluoranthene	200		
191-24-2	Benzo(ghi)perylene	200		
50-32-8	Benzo(a)pyrene	200		
111-91-1	bis(2-Chloroethoxy)methane	200		
111-44-4	bis(2-Chloroethyl) ether	200		
117-81-7	bis(2-Ethylhexyl) phthalate	200		
101-55-3	4-Bromophenyl phenyl ether	200		
85-68-7	Butyl benzyl phthalate	200		
59-50-7	4-Chloro-3-methylphenol	200		
91-58-7	2-Chloronaphthalene	200		
95-57-8	2-Chlorophenol	200		
7005-72-3	4-Chlorophenyl phenyl ether	200		
218-01-9	Chrysene	200		
53-70-3	Dibenz(a,h)anthracene	200		
132-64-9	Dibenzofuran	20	J	
84-74-2	Di-n-butyl phthalate	200		
95-50-1	1,2-Dichlorobenzene	200		
541-73-1	1,3-Dichlorobenzene	200		
106-46-7	1,4-Dichlorobenzene	200		
91-94-1	3,3'-Dichlorobenzidine	1000		
120-83-2	2,4-Dichlorophenol	200		
84-66-2	Diethyl phthalate	200		
119-93-7	3,3'-Dimethylbenzidine	1000		

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L200346 001 DL

Sample WT/Vol: 1000 / mL
Work Order: EQWHQ2AC
Dilution factor: 20

Date Received: 12/20/01
Date Extracted: 12/26/01
Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO15-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	200	U
131-11-3	Dimethyl phthalate	200	U
117-84-0	Di-n-octyl phthalate	200	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	200	U
606-20-2	2,6-Dinitrotoluene	200	U
206-44-0	**Fluoranthene**	35	J
86-73-7	**Fluorene**	33	J
118-74-1	Hexachlorobenzene	200	U
87-68-3	Hexachlorobutadiene	200	U
77-47-4	Hexachlorocyclopentadiene	1000	U
67-72-1	Hexachloroethane	200	U
193-39-5	Indeno(1,2,3-cd)pyrene	200	U
78-59-1	Isophorone	200	U
91-57-6	**2-Methylnaphthalene**	43	J
95-48-7	**2-Methylphenol**	84	J
106-44-5	**4-Methylphenol**	97	J
91-20-3	**Naphthalene**	1200	
98-95-3	Nitrobenzene	200	U
88-75-5	2-Nitrophenol	200	U
100-02-7	4-Nitrophenol	1000	U
76-01-7	Pentachloroethane	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	**Phenanthrene**	60	J
108-95-2	**Phenol**	290	
129-00-0	**Pyrene**	22	J
110-86-1	**Pyridine**	150	J

SMK 2/10/2002

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L200346 001 DL

Sample WT/Vol: 1000 / mL
Work Order: EQWHQ2AC
Dilution factor: 20

Date Received: 12/20/01
Date Extracted: 12/26/01
Date Analyzed: 01/08/02

Client Sample Id: CO15-PZM005 -RE 1

QC Batch: 1361102

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
120-82-1	1,2,4-Trichlorobenzene	200	U	R
95-95-4	2,4,5-Trichlorophenol	200	U	
88-06-2	2,4,6-Trichlorophenol	200	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U	

SMK 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHX1AE Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: CO15-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	8.0	J
208-96-8	**Acenaphthylene**	35	J
120-12-7	**Anthracene**	9.1	J
56-55-3	**Benzo(a)anthracene**	8.3	J
205-99-2	**Benzo(b)fluoranthene**	7.6	J
207-08-9	**Benzo(k)fluoranthene**	3.7	J
191-24-2	**Benzo(ghi)perylene**	4.3	J
50-32-8	Benzo(a)pyrene	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	**Chrysene**	8.2	J
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	**Dibenzofuran**	17	J
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
91-94-1	3,3'-Dichlorobenzidine	250	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U
119-93-7	3,3'-Dimethylbenzidine	250	U

SML 2/10/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHX1AE Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: CO15-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	21	J	
131-11-3	Dimethyl phthalate	50	U	
117-84-0	Di-n-octyl phthalate	50	U	
534-52-1	4,6-Dinitro-2-methylphenol	250	U	
51-28-5	2,4-Dinitrophenol	250	U	
121-14-2	2,4-Dinitrotoluene	50	U	
606-20-2	2,6-Dinitrotoluene	50	U	
206-44-0	Fluoranthene	29	J	
86-73-7	Fluorene	20	J	
118-74-1	Hexachlorobenzene	50	U	
87-68-3	Hexachlorobutadiene	50	U	
77-47-4	Hexachlorocyclopentadiene	250	U	
67-72-1	Hexachloroethane	50	U	
193-39-5	Indeno(1,2,3-cd)pyrene	4.2	J	
78-59-1	Isophorone	50	U	
91-57-6	2-Methylnaphthalene	38	J	
95-48-7	2-Methylphenol	86	~~J~~	R
106-44-5	4-Methylphenol	86	~~J~~	R
91-20-3	Naphthalene	1300	~~J~~	R
98-95-3	Nitrobenzene	50	U	
88-75-5	2-Nitrophenol	50	U	
100-02-7	4-Nitrophenol	250	U	
76-01-7	Pentachloroethane	250	U	
87-86-5	Pentachlorophenol	250	U	
85-01-8	Phenanthrene	48	J	
108-95-2	Phenol	260	~~J~~	R
129-00-0	Pyrene	19	J	
110-86-1	Pyridine	98 ✓	~~J~~ J	R

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER Lab Sample ID: C1L200346 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHX1AE Date Extracted: 12/26/01
Dilution factor: 5 Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: CO15-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 002 01
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHX2AE Date Extracted:12/26/01
Dilution factor: 25 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO15-PZM005 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	250	U
208-96-8	Acenaphthylene	47	J
120-12-7	Anthracene	250	U
56-55-3	Benzo(a)anthracene	250	U
205-99-2	Benzo(b)fluoranthene	250	U
207-08-9	Benzo(k)fluoranthene	250	U
191-24-2	Benzo(ghi)perylene	250	U
50-32-8	Benzo(a)pyrene	250	U
111-91-1	bis(2-Chloroethoxy)methane	250	U
111-44-4	bis(2-Chloroethyl) ether	250	U
117-81-7	bis(2-Ethylhexyl) phthalate	250	U
101-55-3	4-Bromophenyl phenyl ether	250	U
85-68-7	Butyl benzyl phthalate	250	U
59-50-7	4-Chloro-3-methylphenol	250	U
91-58-7	2-Chloronaphthalene	250	U
95-57-8	2-Chlorophenol	250	U
7005-72-3	4-Chlorophenyl phenyl ether	250	U
218-01-9	Chrysene	250	U
53-70-3	Dibenz(a,h)anthracene	250	U
132-64-9	Dibenzofuran	22	J
84-74-2	Di-n-butyl phthalate	250	U
95-50-1	1,2-Dichlorobenzene	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
120-83-2	2,4-Dichlorophenol	250	U
84-66-2	Diethyl phthalate	250	U
119-93-7	3,3'-Dimethylbenzidine	1200	U

R

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 002 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHX2AE Date Extracted:12/26/01
Dilution factor: 25 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO15-PZM005 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	250	U	R
131-11-3	Dimethyl phthalate	250	U	
117-84-0	Di-n-octyl phthalate	250	U	
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	
51-28-5	2,4-Dinitrophenol	1200	U	
121-14-2	2,4-Dinitrotoluene	250	U	
606-20-2	2,6-Dinitrotoluene	250	U	
206-44-0	**Fluoranthene**	**40**	J	
86-73-7	**Fluorene**	**36**	J	
118-74-1	Hexachlorobenzene	250	U	
87-68-3	Hexachlorobutadiene	250	U	
77-47-4	Hexachlorocyclopentadiene	1200	U	
67-72-1	Hexachloroethane	250	U	
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	
78-59-1	Isophorone	250	U	
91-57-6	**2-Methylnaphthalene**	**49**	J	
95-48-7	**2-Methylphenol**	**93**	J	
106-44-5	**4-Methylphenol**	**110**	J	
91-20-3	**Naphthalene**	**1400**		
98-95-3	Nitrobenzene	250	U	R
88-75-5	2-Nitrophenol	250	U	
100-02-7	4-Nitrophenol	1200	U	
76-01-7	Pentachloroethane	1200	U	
87-86-5	Pentachlorophenol	1200	U	
85-01-8	**Phenanthrene**	**67**	J	
108-95-2	**Phenol**	**370**		R
129-00-0	**Pyrene**	**25**	J	
110-86-1	**Pyridine**	**180**	J	

SML 1/10/02

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER Lab Sample ID: C1L200346 002 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWHX2AE Date Extracted: 12/26/01
Dilution factor: 25 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO15-PZM005 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	250	
95-95-4	2,4,5-Trichlorophenol	250	
88-06-2	2,4,6-Trichlorophenol	250	
108-60-1	2,2'-oxybis(1-Chloropropane)	500	

SMK 2/05/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH01AC Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	4.7	J
208-96-8	Acenaphthylene	5.7	J
120-12-7	Anthracene	2.0	J
56-55-3	Benzo(a)anthracene	1.3	J
205-99-2	Benzo(b)fluoranthene	0.86	J
207-08-9	Benzo(k)fluoranthene	1.1	J
191-24-2	Benzo(ghi)perylene	0.68	J
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	1.5	J
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	3.0	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	1.2	J
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/10/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH01AC Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	5.0	J
86-73-7	Fluorene	4.6	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.72	J
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	3.0	J
95-48-7	2-Methylphenol	0.74	J
106-44-5	4-Methylphenol	8.2	J
91-20-3	Naphthalene	77	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	9.9	J
108-95-2	Phenol	2.6	J
129-00-0	Pyrene	3.5	J
110-86-1	Pyridine	20	U

SMK 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH01AC Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

smt 2/10/2002

FORM I

M HILL

SDG Number:SPC006

Lab Sample ID:C1L200346 004

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 01/04/02

QC Batch: 1361102

NCENTRATION UNITS:

g/L or ug/kg) ug/L		Q	
	2.6	J	
	1.4	J	
	0.87	J	
	10	U	
	10	U	
	10	U	
	10	U	
	10	U	
ethane	10	U	
ther	10	U	
thalate	10	U	
ether	10	U	
te	10	U	
nol	10	~~U~~	R
	10	U	
	10	~~U~~	R
l ether	10	U	
	10	U	
e	10	U	
	2.2	J	
	10	U	
	10	U	
	10	U	
	10	U	
ne	50	U	
	10	~~U~~	R
	10	U	
ne	50	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH11AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/04/02

QC Batch: 1361102

Client Sample Id: CP06-PZM006 9 1/20/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	2.7	J	L
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	UJ	R
51-28-5	2,4-Dinitrophenol	50	UJ	R
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	2.1	J	
86-73-7	Fluorene	3.6	J	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	3.5	J	
95-48-7	2-Methylphenol	2.9	J	L
106-44-5	4-Methylphenol	10		L
91-20-3	Naphthalene	35		
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	UJ	R
100-02-7	4-Nitrophenol	50	UJ	R
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	UJ	R
85-01-8	Phenanthrene	8.1	J	
108-95-2	Phenol	41		L
129-00-0	Pyrene	2.0	J	
110-86-1	Pyridine	20	U	

SMK 2/8/02

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L200346 004

Sample WT/Vol: 1000 / mL
Work Order: EQWH11AN
Dilution factor: 1

Date Received: 12/20/01
Date Extracted: 12/26/01
Date Analyzed: 01/04/02

QC Batch: 1361102

Client Sample Id: CP06-PZM009

1/20/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	10	U	
95-95-4	2,4,5-Trichlorophenol	10	~~U~~	R
88-06-2	2,4,6-Trichlorophenol	10	~~U~~	R
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U	

SMT 2/10/02

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER Lab Sample ID: C1L200346 004 RE
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH12AN Date Extracted: 01/09/02
Dilution factor: 1 Date Analyzed: 01/11/02

QC Batch: 2009281

Client Sample Id: CP06-PZM009 -RE 1
1/20/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	3.7	J
208-96-8	**Acenaphthylene**	2.1	J
120-12-7	**Anthracene**	3.3	J
56-55-3	**Benzo(a)anthracene**	1.1	J
205-99-2	**Benzo(b)fluoranthene**	1.1	J
207-08-9	**Benzo(k)fluoranthene**	1.3	J
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	**Benzo(a)pyrene**	1.1	J
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	**Chrysene**	1.4	J
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	4.1	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

R

SMM 2/10/02

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L200346 004 RE

Sample WT/Vol: 1000 / mL
Work Order: EQWH12AN
Dilution factor: 1

Date Received: 12/20/01
Date Extracted: 01/09/02
Date Analyzed: 01/11/02

QC Batch: 2009281

Client Sample Id: CP06-PZM008 -RE 1

1/20/02 ACID

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	3.7	J
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	6.1	J
86-73-7	Fluorene	5.8	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	8.9	J
95-48-7	2-Methylphenol	4.3	J
106-44-5	4-Methylphenol	16	
91-20-3	Naphthalene	71	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	4.1	J
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	2.3	J
85-01-8	Phenanthrene	14	
108-95-2	Phenol	140	J
129-00-0	Pyrene	3.0	J
110-86-1	Pyridine	4.0	J

R

SMK 2/10/2002

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER Lab Sample ID: C1L200346 004 RE
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH12AN Date Extracted: 01/09/02
Dilution factor: 1 Date Analyzed: 01/11/02

QC Batch: 2009281

Client Sample Id: CP06-PZM006 -RE 1

1/20/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	10	U	R
95-95-4	2,4,5-Trichlorophenol	10	U	
88-06-2	2,4,6-Trichlorophenol	10	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U	

SMK 2/10/02

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER Lab Sample ID: C1L200346 004 RE DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH13AN Date Extracted: 01/09/02
Dilution factor: 3 Date Analyzed: 01/11/02

QC Batch: 2009281

Client Sample Id: CP06-PZM009 -RE 2

1/20/02 AM

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	4.3	J
208-96-8	Acenaphthylene	30	U
120-12-7	Anthracene	3.0	J
56-55-3	Benzo(a)anthracene	30	U
205-99-2	Benzo(b)fluoranthene	30	U
207-08-9	Benzo(k)fluoranthene	30	U
191-24-2	Benzo(ghi)perylene	30	U
50-32-8	Benzo(a)pyrene	30	U
111-91-1	bis(2-Chloroethoxy)methane	30	U
111-44-4	bis(2-Chloroethyl) ether	30	U
117-81-7	bis(2-Ethylhexyl) phthalate	30	U
101-55-3	4-Bromophenyl phenyl ether	30	U
85-68-7	Butyl benzyl phthalate	30	U
59-50-7	4-Chloro-3-methylphenol	30	U
91-58-7	2-Chloronaphthalene	30	U
95-57-8	2-Chlorophenol	30	U
7005-72-3	4-Chlorophenyl phenyl ether	30	U
218-01-9	Chrysene	30	U
53-70-3	Dibenz(a,h)anthracene	30	U
132-64-9	Dibenzofuran	4.4	J
84-74-2	Di-n-butyl phthalate	30	U
95-50-1	1,2-Dichlorobenzene	30	U
541-73-1	1,3-Dichlorobenzene	30	U
106-46-7	1,4-Dichlorobenzene	30	U
91-94-1	3,3'-Dichlorobenzidine	150	U
120-83-2	2,4-Dichlorophenol	30	U
84-66-2	Diethyl phthalate	30	U
119-93-7	3,3'-Dimethylbenzidine	150	U

R

FORM I

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER Lab Sample ID: C1L200346 004 RE DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH13AN Date Extracted: 01/09/02
Dilution factor: 3 Date Analyzed: 01/11/02

QC Batch: 2009281

Client Sample Id: CP06-PZM008 -RE 2

1/20/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	30	U	R
131-11-3	Dimethyl phthalate	30	U	
117-84-0	Di-n-octyl phthalate	30	U	
534-52-1	4,6-Dinitro-2-methylphenol	150	U	
51-28-5	2,4-Dinitrophenol	150	U	
121-14-2	2,4-Dinitrotoluene	30	U	
606-20-2	2,6-Dinitrotoluene	30	U	
206-44-0	Fluoranthene	6.1	J	
86-73-7	Fluorene	5.6	J	
118-74-1	Hexachlorobenzene	30	U	
87-68-3	Hexachlorobutadiene	30	U	
77-47-4	Hexachlorocyclopentadiene	150	U	
67-72-1	Hexachloroethane	30	U	
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	
78-59-1	Isophorone	30	U	
91-57-6	2-Methylnaphthalene	8.4	J	
95-48-7	2-Methylphenol	4.0	J	
106-44-5	4-Methylphenol	16	J	
91-20-3	Naphthalene	80		
98-95-3	Nitrobenzene	30	U	
88-75-5	2-Nitrophenol	3.8	J	
100-02-7	4-Nitrophenol	150	U	
76-01-7	Pentachloroethane	150	U	
87-86-5	Pentachlorophenol	150	U	
85-01-8	Phenanthrene	15	J	
108-95-2	Phenol	150	J	
129-00-0	Pyrene	3.5	J	
110-86-1	Pyridine	60	U	

SML 2/10/2006

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 004 RE DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH13AN Date Extracted:01/09/02
Dilution factor: 3 Date Analyzed: 01/11/02

QC Batch: 2009281

Client Sample Id: CP06-PZM00~~6~~9 -RE 2
1/20/02
ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	30	U	R
95-95-4	2,4,5-Trichlorophenol	30	U	
88-06-2	2,4,6-Trichlorophenol	30	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	60	U	

FORM I

SMK 2/10/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH21A1 Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CP10-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	6.9	J
208-96-8	Acenaphthylene	35	
120-12-7	Anthracene	10	
56-55-3	Benzo(a)anthracene	4.4	J
205-99-2	Benzo(b)fluoranthene	4.0	J
207-08-9	Benzo(k)fluoranthene	4.2	J
191-24-2	Benzo(ghi)perylene	3.5	J
50-32-8	Benzo(a)pyrene	4.0	J
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	4.8	J
53-70-3	Dibenz(a,h)anthracene	0.84	J
132-64-9	Dibenzofuran	35	
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/10/06

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH21A1 Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CP10-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	2.9	J	
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	23		
86-73-7	Fluorene	33		
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	3.6	J	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	64		
95-48-7	2-Methylphenol	3.7	J	
106-44-5	4-Methylphenol	23		
91-20-3	Naphthalene	350	E	R
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	27		
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	72		
108-95-2	Phenol	340	E	R
129-00-0	Pyrene	14		
110-86-1	Pyridine	3.4	J	

SMK 2/10/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH21A1 Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CP10-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 005 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH22A1 Date Extracted:12/26/01
Dilution factor: 8 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CP10-PZM008 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	7.1	J
208-96-8	**Acenaphthylene**	42	J
120-12-7	**Anthracene**	11	J
56-55-3	Benzo(a)anthracene	80	U
205-99-2	Benzo(b)fluoranthene	80	U
207-08-9	Benzo(k)fluoranthene	80	U
191-24-2	Benzo(ghi)perylene	80	U
50-32-8	Benzo(a)pyrene	80	U
111-91-1	bis(2-Chloroethoxy)methane	80	U
111-44-4	bis(2-Chloroethyl) ether	80	U
117-81-7	bis(2-Ethylhexyl) phthalate	80	U
101-55-3	4-Bromophenyl phenyl ether	80	U
85-68-7	Butyl benzyl phthalate	80	U
59-50-7	4-Chloro-3-methylphenol	80	U
91-58-7	2-Chloronaphthalene	80	U
95-57-8	2-Chlorophenol	80	U
7005-72-3	4-Chlorophenyl phenyl ether	80	U
218-01-9	Chrysene	80	U
53-70-3	Dibenz(a,h)anthracene	80	U
132-64-9	**Dibenzofuran**	38	J
84-74-2	Di-n-butyl phthalate	80	U
95-50-1	1,2-Dichlorobenzene	80	U
541-73-1	1,3-Dichlorobenzene	80	U
106-46-7	1,4-Dichlorobenzene	80	U
91-94-1	3,3'-Dichlorobenzidine	400	U
120-83-2	2,4-Dichlorophenol	80	U
84-66-2	Diethyl phthalate	80	U
119-93-7	3,3'-Dimethylbenzidine	400	U

R

SMK 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 005 0L
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH22A1 Date Extracted:12/26/01
Dilution factor: 8 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CP10-PZM008 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	80	U
131-11-3	Dimethyl phthalate	80	U
117-84-0	Di-n-octyl phthalate	80	U
534-52-1	4,6-Dinitro-2-methylphenol	400	U
51-28-5	2,4-Dinitrophenol	400	U
121-14-2	2,4-Dinitrotoluene	80	U
606-20-2	2,6-Dinitrotoluene	80	U
206-44-0	Fluoranthene	22	J
86-73-7	Fluorene	35	J
118-74-1	Hexachlorobenzene	80	U
87-68-3	Hexachlorobutadiene	80	U
77-47-4	Hexachlorocyclopentadiene	400	U
67-72-1	Hexachloroethane	80	U
193-39-5	Indeno(1,2,3-cd)pyrene	80	U
78-59-1	Isophorone	80	U
91-57-6	2-Methylnaphthalene	63	J
95-48-7	2-Methylphenol	80	U
106-44-5	4-Methylphenol	22	J
91-20-3	Naphthalene	430	
98-95-3	Nitrobenzene	80	U
88-75-5	2-Nitrophenol	22	J
100-02-7	4-Nitrophenol	400	U
76-01-7	Pentachloroethane	400	U
87-86-5	Pentachlorophenol	400	U
85-01-8	Phenanthrene	80	
108-95-2	Phenol	430	
129-00-0	Pyrene	16	J
110-86-1	Pyridine	160	U

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER Lab Sample ID: C1L200346 005 D L
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH22A1 Date Extracted: 12/26/01
Dilution factor: 8 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CP10-PZM008 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	80	U	R
95-95-4	2,4,5-Trichlorophenol	80	U	
88-06-2	2,4,6-Trichlorophenol	80	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	160	U	

SMK 2/10/2002

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L200346 006

Sample WT/Vol: 1000 / mL
Work Order: EQWH41AE
Dilution factor: 1

Date Received: 12/20/01
Date Extracted: 12/26/01
Date Analyzed: 01/08/02

Client Sample Id: CO10-PZM006

QC Batch: 1361102

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	1.3	J	
208-96-8	Acenaphthylene	10	U	
120-12-7	Anthracene	10	U	
56-55-3	Benzo(a)anthracene	10	U	
205-99-2	Benzo(b)fluoranthene	10	U	
207-08-9	Benzo(k)fluoranthene	10	U	
191-24-2	Benzo(ghi)perylene	10	U	
50-32-8	Benzo(a)pyrene	10	U	
111-91-1	bis(2-Chloroethoxy)methane	10	U	
111-44-4	bis(2-Chloroethyl) ether	10	U	
117-81-7	bis(2-Ethylhexyl) phthalate	10	U	
101-55-3	4-Bromophenyl phenyl ether	10	U	
85-68-7	Butyl benzyl phthalate	10	U	
59-50-7	4-Chloro-3-methylphenol	10	U	
91-58-7	2-Chloronaphthalene	10	~~U~~	R
95-57-8	2-Chlorophenol	10	U	
7005-72-3	4-Chlorophenyl phenyl ether	10	~~U~~	R
218-01-9	Chrysene	10	U	
53-70-3	Dibenz(a,h)anthracene	10	U	
132-64-9	Dibenzofuran	10	U	
84-74-2	Di-n-butyl phthalate	13		
95-50-1	1,2-Dichlorobenzene	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
91-94-1	3,3'-Dichlorobenzidine	10	U	
120-83-2	2,4-Dichlorophenol	50	U	
84-66-2	Diethyl phthalate	10	~~U~~	R
119-93-7	3,3'-Dimethylbenzidine	10	U	
		50	U	

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH41AE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO10-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	10	~~U~~	R
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	38	~~J~~	L
51-28-5	2,4-Dinitrophenol	8.3	~~J~~	L
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	4.8	J	
86-73-7	Fluorene	13		
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	18		
95-48-7	2-Methylphenol	10	~~U~~	R
106-44-5	4-Methylphenol	10	~~U~~	R
91-20-3	Naphthalene	300	~~J~~	R
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	9.6 ✓	~~J~~	L
100-02-7	4-Nitrophenol	50	~~U~~	R
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	~~U~~	R
85-01-8	Phenanthrene	27		
108-95-2	Phenol	10	~~U~~	R
129-00-0	Pyrene	10	U	
110-86-1	Pyridine	20	U	

SMK 2/20/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH41AE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO10-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	10	U	
95-95-4	2,4,5-Trichlorophenol	10	~~U~~	R
88-06-2	2,4,6-Trichlorophenol	10	~~U~~	R
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U	

SMM 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 006 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH42AE Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CO10-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	50	U
208-96-8	Acenaphthylene	50	U
120-12-7	Anthracene	50	U
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	Dibenzofuran	13	J
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
91-94-1	3,3'-Dichlorobenzidine	250	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U
119-93-7	3,3'-Dimethylbenzidine	250	U

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SMK 2/10/2006

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 006 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH42AE Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CO10-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	50	
131-11-3	Dimethyl phthalate	50	
117-84-0	Di-n-octyl phthalate	50	
534-52-1	**4,6-Dinitro-2-methylphenol**	36	J
51-28-5	**2,4-Dinitrophenol**	4.9	J
121-14-2	2,4-Dinitrotoluene	50	
606-20-2	2,6-Dinitrotoluene	50	
206-44-0	**Fluoranthene**	4.9	J
86-73-7	**Fluorene**	14	J
118-74-1	Hexachlorobenzene	50	
87-68-3	Hexachlorobutadiene	50	
77-47-4	Hexachlorocyclopentadiene	250	
67-72-1	Hexachloroethane	50	
193-39-5	Indeno(1,2,3-cd)pyrene	50	
78-59-1	Isophorone	50	
91-57-6	**2-Methylnaphthalene**	17	J
95-48-7	2-Methylphenol	50	
106-44-5	4-Methylphenol	50	
91-20-3	**Naphthalene**	340	
98-95-3	Nitrobenzene	50	
88-75-5	**2-Nitrophenol**	8.3	J
100-02-7	4-Nitrophenol	250	
76-01-7	Pentachloroethane	250	
87-86-5	Pentachlorophenol	250	
85-01-8	**Phenanthrene**	30	J
108-95-2	Phenol	50	
129-00-0	Pyrene	50	
110-86-1	Pyridine	100	

smk 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 006 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH42AE Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CO10-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U

R

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 006 RE
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH43AE Date Extracted:01/09/02
Dilution factor: 1 Date Analyzed: 01/11/02

QC Batch: 2009281

Client Sample Id: CO10-PZM006 -RE 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	R
83-32-9	Acenaphthene	3.1	J	
208-96-8	Acenaphthylene	10	U	
120-12-7	Anthracene	1.4	J	
56-55-3	Benzo(a)anthracene	10	U	
205-99-2	Benzo(b)fluoranthene	10	U	
207-08-9	Benzo(k)fluoranthene	10	U	
191-24-2	Benzo(ghi)perylene	10	U	
50-32-8	Benzo(a)pyrene	10	U	
111-91-1	bis(2-Chloroethoxy)methane	10	U	
111-44-4	bis(2-Chloroethyl) ether	10	U	
117-81-7	bis(2-Ethylhexyl) phthalate	10	U	
101-55-3	4-Bromophenyl phenyl ether	10	U	
85-68-7	Butyl benzyl phthalate	10	U	
59-50-7	4-Chloro-3-methylphenol	10	U	
91-58-7	2-Chloronaphthalene	10	U	
95-57-8	2-Chlorophenol	10	U	
7005-72-3	4-Chlorophenyl phenyl ether	10	U	
218-01-9	Chrysene	10	U	
53-70-3	Dibenz(a,h)anthracene	10	U	
132-64-9	Dibenzofuran	14	U	
84-74-2	Di-n-butyl phthalate	10	U	
95-50-1	1,2-Dichlorobenzene	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
91-94-1	3,3'-Dichlorobenzidine	50	U	
120-83-2	2,4-Dichlorophenol	10	U	
84-66-2	Diethyl phthalate	10	U	
119-93-7	3,3'-Dimethylbenzidine	50	U	

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 006 RE
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH43AE Date Extracted:01/09/02
Dilution factor: 1 Date Analyzed: 01/11/02

QC Batch: 2009281

Client Sample Id: CO10-PZM006 -RE 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	41	U
51-28-5	2,4-Dinitrophenol	5.2	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	5.7	J
86-73-7	Fluorene	15	
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	21	
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	330	E
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	12	
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	30	
108-95-2	Phenol	10	U
129-00-0	Pyrene	3.3	J
110-86-1	Pyridine	20	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 006 RE
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH43AE Date Extracted:01/09/02
Dilution factor: 1 Date Analyzed: 01/11/02

QC Batch: 2009281

Client Sample Id: CO10-PZM006 -RE 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

R

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 006 RE DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH44AE Date Extracted:01/09/02
Dilution factor: 5 Date Analyzed: 01/11/02

QC Batch: 2009281

Client Sample Id: CO10-PZM006 -RE 3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	3.3	J	R
208-96-8	Acenaphthylene	50	U	
120-12-7	Anthracene	50	U	
56-55-3	Benzo(a)anthracene	50	U	
205-99-2	Benzo(b)fluoranthene	50	U	
207-08-9	Benzo(k)fluoranthene	50	U	
191-24-2	Benzo(ghi)perylene	50	U	
50-32-8	Benzo(a)pyrene	50	U	
111-91-1	bis(2-Chloroethoxy)methane	50	U	
111-44-4	bis(2-Chloroethyl) ether	50	U	
117-81-7	bis(2-Ethylhexyl) phthalate	50	U	
101-55-3	4-Bromophenyl phenyl ether	50	U	
85-68-7	Butyl benzyl phthalate	50	U	
59-50-7	4-Chloro-3-methylphenol	50	U	
91-58-7	2-Chloronaphthalene	50	U	
95-57-8	2-Chlorophenol	50	U	
7005-72-3	4-Chlorophenyl phenyl ether	50	U	
218-01-9	Chrysene	50	U	
53-70-3	Dibenz(a,h)anthracene	50	U	
132-64-9	Dibenzofuran	15	B	
84-74-2	Di-n-butyl phthalate	50	U	
95-50-1	1,2-Dichlorobenzene	50	U	
541-73-1	1,3-Dichlorobenzene	50	U	
106-46-7	1,4-Dichlorobenzene	50	U	
91-94-1	3,3'-Dichlorobenzidine	250	U	
120-83-2	2,4-Dichlorophenol	50	U	
84-66-2	Diethyl phthalate	50	U	
119-93-7	3,3'-Dimethylbenzidine	250	U	

SMK 2/10/02

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L200346 006 RE DL

Sample WT/Vol: 1000 / mL
Work Order: EQWH44AE
Dilution factor: 5

Date Received: 12/20/01
Date Extracted: 01/09/02
Date Analyzed: 01/11/02

Client Sample Id: CO10-PZM006 -RE 3

QC Batch: 2009281

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	50	
131-11-3	Dimethyl phthalate	50	
117-84-0	Di-n-octyl phthalate	50	
534-52-1	4,6-Dinitro-2-methylphenol	35	J
51-28-5	2,4-Dinitrophenol	250	
121-14-2	2,4-Dinitrotoluene	50	
606-20-2	2,6-Dinitrotoluene	50	
206-44-0	Fluoranthene	5.7	J
86-73-7	Fluorene	16	J
118-74-1	Hexachlorobenzene	50	
87-68-3	Hexachlorobutadiene	50	
77-47-4	Hexachlorocyclopentadiene	250	
67-72-1	Hexachloroethane	50	
193-39-5	Indeno(1,2,3-cd)pyrene	50	
78-59-1	Isophorone	50	
91-57-6	2-Methylnaphthalene	20	J
95-48-7	2-Methylphenol	50	
106-44-5	4-Methylphenol	50	
91-20-3	Naphthalene	400	
98-95-3	Nitrobenzene	50	
88-75-5	2-Nitrophenol	10	J
100-02-7	4-Nitrophenol	250	
76-01-7	Pentachloroethane	250	
87-86-5	Pentachlorophenol	250	
85-01-8	Phenanthrene	32	J
108-95-2	Phenol	50	
129-00-0	Pyrene	50	
110-86-1	Pyridine	100	

R

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L200346 006 RE DL

Sample WT/Vol: 1000 / mL
Work Order: EQWH44AE
Dilution factor: 5

Date Received: 12/20/01
Date Extracted:01/09/02
Date Analyzed: 01/11/02

QC Batch: 2009281

Client Sample Id: CO10-PZM006 -RE 3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	50	U	R
95-95-4	2,4,5-Trichlorophenol	50	U	
88-06-2	2,4,6-Trichlorophenol	50	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U	

FORM I

SMK 2/10/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH81AE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/04/02

QC Batch: 1361102

Client Sample Id: SW17-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	9.3	J
208-96-8	Acenaphthylene	17	
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	11	
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH81AE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/04/02

QC Batch: 1361102

Client Sample Id: SW17-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	**Fluorene**	**1.5**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**28**	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**6.4**	**J**
108-95-2	**Phenol**	**36**	
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/10/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH81AE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/04/02

QC Batch: 1361102

Client Sample Id: SW17-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH91AE Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: SW17-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	4.9	J
208-96-8	Acenaphthylene	37	J
120-12-7	Anthracene	50	U
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	Dibenzofuran	8.5	J
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
91-94-1	3,3'-Dichlorobenzidine	250	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U
119-93-7	3,3'-Dimethylbenzidine	250	U

SMT 2/10/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH91AE Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: SW17-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	45	J	
131-11-3	Dimethyl phthalate	50	U	
117-84-0	Di-n-octyl phthalate	50	U	
534-52-1	4,6-Dinitro-2-methylphenol	250	U	
51-28-5	2,4-Dinitrophenol	250	U	
121-14-2	2,4-Dinitrotoluene	50	U	
606-20-2	2,6-Dinitrotoluene	50	U	
206-44-0	Fluoranthene	50	U	
86-73-7	Fluorene	9.7	J	
118-74-1	Hexachlorobenzene	50	U	
87-68-3	Hexachlorobutadiene	50	U	
77-47-4	Hexachlorocyclopentadiene	250	U	
67-72-1	Hexachloroethane	50	U	
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	
78-59-1	Isophorone	50	U	
91-57-6	2-Methylnaphthalene	63		
95-48-7	2-Methylphenol	75		
106-44-5	4-Methylphenol	75		
91-20-3	Naphthalene	1500	~~E~~	R
98-95-3	Nitrobenzene	50	U	
88-75-5	2-Nitrophenol	50	U	
100-02-7	4-Nitrophenol	250	U	
76-01-7	Pentachloroethane	250	U	
87-86-5	Pentachlorophenol	250	U	
85-01-8	Phenanthrene	9.0	J	
108-95-2	Phenol	76		
129-00-0	Pyrene	50	U	
110-86-1	Pyridine	42 ✓	J	

smt 2/10/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH91AE Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: SW17-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U

SMK 2/10/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 009 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH92AE Date Extracted:12/26/01
Dilution factor: 50 Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: SW17-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	500		R
208-96-8	Acenaphthylene	500		
120-12-7	Anthracene	500		
56-55-3	Benzo(a)anthracene	500		
205-99-2	Benzo(b)fluoranthene	500		
207-08-9	Benzo(k)fluoranthene	500		
191-24-2	Benzo(ghi)perylene	500		
50-32-8	Benzo(a)pyrene	500		
111-91-1	bis(2-Chloroethoxy)methane	500		
111-44-4	bis(2-Chloroethyl) ether	500		
117-81-7	bis(2-Ethylhexyl) phthalate	500		
101-55-3	4-Bromophenyl phenyl ether	500		
85-68-7	Butyl benzyl phthalate	500		
59-50-7	4-Chloro-3-methylphenol	500		
91-58-7	2-Chloronaphthalene	500		
95-57-8	2-Chlorophenol	500		
7005-72-3	4-Chlorophenyl phenyl ether	500		
218-01-9	Chrysene	500		
53-70-3	Dibenz(a,h)anthracene	500		
132-64-9	Dibenzofuran	500		
84-74-2	Di-n-butyl phthalate	500		
95-50-1	1,2-Dichlorobenzene	500		
541-73-1	1,3-Dichlorobenzene	500		
106-46-7	1,4-Dichlorobenzene	500		
91-94-1	3,3'-Dichlorobenzidine	2500		
120-83-2	2,4-Dichlorophenol	500		
84-66-2	Diethyl phthalate	500		
119-93-7	3,3'-Dimethylbenzidine	2500		

smk 2/6/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 009 D L
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH92AE Date Extracted:12/26/01
Dilution factor: 50 Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: SW17-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	500	U	R
131-11-3	Dimethyl phthalate	500	U	
117-84-0	Di-n-octyl phthalate	500	U	
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	
51-28-5	2,4-Dinitrophenol	2500	U	
121-14-2	2,4-Dinitrotoluene	500	U	
606-20-2	2,6-Dinitrotoluene	500	U	
206-44-0	Fluoranthene	500	U	
86-73-7	Fluorene	500	U	
118-74-1	Hexachlorobenzene	500	U	
87-68-3	Hexachlorobutadiene	500	U	
77-47-4	Hexachlorocyclopentadiene	2500	U	
67-72-1	Hexachloroethane	500	U	
193-39-5	Indeno(1,2,3-cd)pyrene	500	U	
78-59-1	Isophorone	500	U	
91-57-6	2-Methylnaphthalene	43	J	
95-48-7	2-Methylphenol	62	J	
106-44-5	4-Methylphenol	500	U	
91-20-3	Naphthalene	2000 ✓		R
98-95-3	Nitrobenzene	500	U	
88-75-5	2-Nitrophenol	500	U	
100-02-7	4-Nitrophenol	2500	U	
76-01-7	Pentachloroethane	2500	U	
87-86-5	Pentachlorophenol	2500	U	
85-01-8	Phenanthrene	500	U	
108-95-2	Phenol	62	J	
129-00-0	Pyrene	500	U	
110-86-1	Pyridine	1000	U	

smt 2/10/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 009 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWH92AE Date Extracted:12/26/01
Dilution factor: 50 Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: SW17-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	500	U	R
95-95-4	2,4,5-Trichlorophenol	500	U	
88-06-2	2,4,6-Trichlorophenol	500	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	1000	U	

SVM 2/6/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L200346 010

Sample WT/Vol: 1000 / mL
Work Order: EQWJA1AN
Dilution factor: 10

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: CO04-PZM048

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	26	J
208-96-8	Acenaphthylene	66	J
120-12-7	Anthracene	100	U
56-55-3	Benzo(a)anthracene	100	U
205-99-2	Benzo(b)fluoranthene	100	U
207-08-9	Benzo(k)fluoranthene	100	U
191-24-2	Benzo(ghi)perylene	100	U
50-32-8	Benzo(a)pyrene	100	U
111-91-1	bis(2-Chloroethoxy)methane	100	U
111-44-4	bis(2-Chloroethyl) ether	100	U
117-81-7	bis(2-Ethylhexyl) phthalate	100	U
101-55-3	4-Bromophenyl phenyl ether	100	U
85-68-7	Butyl benzyl phthalate	100	U
59-50-7	4-Chloro-3-methylphenol	100	U
91-58-7	2-Chloronaphthalene	100	U
95-57-8	2-Chlorophenol	100	U
7005-72-3	4-Chlorophenyl phenyl ether	100	U
218-01-9	Chrysene	100	U
53-70-3	Dibenz(a,h)anthracene	100	U
132-64-9	Dibenzofuran	62	J
84-74-2	Di-n-butyl phthalate	100	U
95-50-1	1,2-Dichlorobenzene	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
91-94-1	3,3'-Dichlorobenzidine	500	U
120-83-2	2,4-Dichlorophenol	100	U
84-66-2	Diethyl phthalate	100	U
119-93-7	3,3'-Dimethylbenzidine	500	U

smk 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L200346 010

Sample WT/Vol: 1000 / mL
Work Order: EQWJA1AN
Dilution factor: 10

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: CO04-PZM048

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	100	U	
131-11-3	Dimethyl phthalate	100	U	
117-84-0	Di-n-octyl phthalate	100	U	
534-52-1	4,6-Dinitro-2-methylphenol	500	U	
51-28-5	2,4-Dinitrophenol	500	U	
121-14-2	2,4-Dinitrotoluene	100	U	
606-20-2	2,6-Dinitrotoluene	100	U	
206-44-0	**Fluoranthene**	**15**	**J**	
86-73-7	**Fluorene**	**62**	**J**	
118-74-1	Hexachlorobenzene	100	U	
87-68-3	Hexachlorobutadiene	100	U	
77-47-4	Hexachlorocyclopentadiene	500	U	
67-72-1	Hexachloroethane	100	U	
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	
78-59-1	Isophorone	100	U	
91-57-6	**2-Methylnaphthalene**	**120**		
95-48-7	2-Methylphenol	100	U	
106-44-5	4-Methylphenol	100	U	
91-20-3	**Naphthalene**	**920**	**E**	R
98-95-3	Nitrobenzene	100	U	
88-75-5	2-Nitrophenol	100	U	
100-02-7	4-Nitrophenol	500	U	
76-01-7	Pentachloroethane	500	U	
87-86-5	Pentachlorophenol	500	U	
85-01-8	**Phenanthrene**	**96**	**J**	
108-95-2	Phenol	100	U	
129-00-0	Pyrene	100	U	
110-86-1	Pyridine	200	U	

SMM 2/10/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 010
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJA1AN Date Extracted:12/26/01
Dilution factor: 10 Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: CO04-PZM048

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	200	U

SMK 2/10/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 010 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJA2AN Date Extracted:12/26/01
Dilution factor: 20 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO04-PZM048 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	34	J	R
208-96-8	Acenaphthylene	94	J	
120-12-7	Anthracene	200	U	
56-55-3	Benzo(a)anthracene	200	U	
205-99-2	Benzo(b)fluoranthene	200	U	
207-08-9	Benzo(k)fluoranthene	200	U	
191-24-2	Benzo(ghi)perylene	200	U	
50-32-8	Benzo(a)pyrene	200	U	
111-91-1	bis(2-Chloroethoxy)methane	200	U	
111-44-4	bis(2-Chloroethyl) ether	200	U	
117-81-7	bis(2-Ethylhexyl) phthalate	200	U	
101-55-3	4-Bromophenyl phenyl ether	200	U	
85-68-7	Butyl benzyl phthalate	200	U	
59-50-7	4-Chloro-3-methylphenol	200	U	
91-58-7	2-Chloronaphthalene	200	U	
95-57-8	2-Chlorophenol	200	U	
7005-72-3	4-Chlorophenyl phenyl ether	200	U	
218-01-9	Chrysene	200	U	
53-70-3	Dibenz(a,h)anthracene	200	U	
132-64-9	Dibenzofuran	83	J	
84-74-2	Di-n-butyl phthalate	200	U	
95-50-1	1,2-Dichlorobenzene	200	U	
541-73-1	1,3-Dichlorobenzene	200	U	
106-46-7	1,4-Dichlorobenzene	200	U	
91-94-1	3,3'-Dichlorobenzidine	1000	U	
120-83-2	2,4-Dichlorophenol	200	U	
84-66-2	Diethyl phthalate	200	U	
119-93-7	3,3'-Dimethylbenzidine	1000	U	

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 010 D1
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJA2AN Date Extracted:12/26/01
Dilution factor: 20 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO04-PZM048 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	200	
131-11-3	Dimethyl phthalate	200	
117-84-0	Di-n-octyl phthalate	200	
534-52-1	4,6-Dinitro-2-methylphenol	1000	
51-28-5	2,4-Dinitrophenol	1000	
121-14-2	2,4-Dinitrotoluene	200	
606-20-2	2,6-Dinitrotoluene	200	
206-44-0	**Fluoranthene**	**19**	J
86-73-7	**Fluorene**	**89**	J
118-74-1	Hexachlorobenzene	200	
87-68-3	Hexachlorobutadiene	200	
77-47-4	Hexachlorocyclopentadiene	1000	
67-72-1	Hexachloroethane	200	
193-39-5	Indeno(1,2,3-cd)pyrene	200	
78-59-1	Isophorone	200	
91-57-6	**2-Methylnaphthalene**	**160**	J
95-48-7	2-Methylphenol	200	
106-44-5	4-Methylphenol	200	
91-20-3	**Naphthalene**	**1100**	
98-95-3	Nitrobenzene	200	
88-75-5	2-Nitrophenol	200	
100-02-7	4-Nitrophenol	1000	
76-01-7	**Pentachloroethane**	**1000**	
87-86-5	**Pentachlorophenol**	**1000**	
85-01-8	**Phenanthrene**	**130**	J
108-95-2	Phenol	200	
129-00-0	**Pyrene**	**200**	
110-86-1	**Pyridine**	**400**	

R

R

smk 2/10/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 010 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJA2AN Date Extracted:12/26/01
Dilution factor: 20 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO04-PZM048 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	200	U
95-95-4	2,4,5-Trichlorophenol	200	U
88-06-2	2,4,6-Trichlorophenol	200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U

P

smt 2/6/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 011
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJC1AE Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: CO08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	50	U
208-96-8	Acenaphthylene	50	U
120-12-7	Anthracene	50	U
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	Dibenzofuran	50	U
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
91-94-1	3,3'-Dichlorobenzidine	250	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U
119-93-7	3,3'-Dimethylbenzidine	250	U

SMK 2/10/02

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER Lab Sample ID: C1L200346 011
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJC1AE Date Extracted: 12/26/01
Dilution factor: 5 Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: CO08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	17	J	
131-11-3	Dimethyl phthalate	50	U	
117-84-0	Di-n-octyl phthalate	50	U	
534-52-1	4,6-Dinitro-2-methylphenol	250	U	
51-28-5	2,4-Dinitrophenol	250	U	
121-14-2	2,4-Dinitrotoluene	50	U	
606-20-2	2,6-Dinitrotoluene	50	U	
206-44-0	Fluoranthene	50	U	
86-73-7	Fluorene	4.3	J	
118-74-1	Hexachlorobenzene	50	U	
87-68-3	Hexachlorobutadiene	50	U	
77-47-4	Hexachlorocyclopentadiene	250	U	
67-72-1	Hexachloroethane	50	U	
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	
78-59-1	Isophorone	50	U	
91-57-6	2-Methylnaphthalene	35	J	
95-48-7	2-Methylphenol	49	J	
106-44-5	4-Methylphenol	55		
91-20-3	Naphthalene	1400	E	R
98-95-3	Nitrobenzene	50	U	
88-75-5	2-Nitrophenol	50	U	
100-02-7	4-Nitrophenol	250	U	
76-01-7	Pentachloroethane	250	U	
87-86-5	Pentachlorophenol	250	U	
85-01-8	Phenanthrene	50	U	
108-95-2	Phenol	100		
129-00-0	Pyrene	50	U	
110-86-1	Pyridine	100	U	

smt 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 011
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJC1AE Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/07/02

QC Batch: 1361102

Client Sample Id: CO08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U

SMK 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 011 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJC2AE Date Extracted:12/26/01
Dilution factor: 25 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO08-PZM036 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	250	
208-96-8	Acenaphthylene	250	
120-12-7	Anthracene	250	
56-55-3	Benzo(a)anthracene	250	
205-99-2	Benzo(b)fluoranthene	250	
207-08-9	Benzo(k)fluoranthene	250	
191-24-2	Benzo(ghi)perylene	250	
50-32-8	Benzo(a)pyrene	250	
111-91-1	bis(2-Chloroethoxy)methane	250	
111-44-4	bis(2-Chloroethyl) ether	250	
117-81-7	bis(2-Ethylhexyl) phthalate	250	
101-55-3	4-Bromophenyl phenyl ether	250	
85-68-7	Butyl benzyl phthalate	250	
59-50-7	4-Chloro-3-methylphenol	250	
91-58-7	2-Chloronaphthalene	250	
95-57-8	2-Chlorophenol	250	
7005-72-3	4-Chlorophenyl phenyl ether	250	
218-01-9	Chrysene	250	
53-70-3	Dibenz(a,h)anthracene	250	
132-64-9	Dibenzofuran	250	
84-74-2	Di-n-butyl phthalate	250	
95-50-1	1,2-Dichlorobenzene	250	
541-73-1	1,3-Dichlorobenzene	250	
106-46-7	1,4-Dichlorobenzene	250	
91-94-1	3,3'-Dichlorobenzidine	1200	
120-83-2	2,4-Dichlorophenol	250	
84-66-2	Diethyl phthalate	250	
119-93-7	3,3'-Dimethylbenzidine	1200	

R

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 011 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJC2AE Date Extracted:12/26/01
Dilution factor: 25 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO08-PZM036 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	250	U	R
131-11-3	Dimethyl phthalate	250	U	
117-84-0	Di-n-octyl phthalate	250	U	
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	
51-28-5	2,4-Dinitrophenol	1200	U	
121-14-2	2,4-Dinitrotoluene	250	U	
606-20-2	2,6-Dinitrotoluene	250	U	
206-44-0	Fluoranthene	250	U	
86-73-7	Fluorene	250	U	
118-74-1	Hexachlorobenzene	250	U	
87-68-3	Hexachlorobutadiene	250	U	
77-47-4	Hexachlorocyclopentadiene	1200	U	
67-72-1	Hexachloroethane	250	U	
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	
78-59-1	Isophorone	250	U	
91-57-6	2-Methylnaphthalene	43	J	
95-48-7	2-Methylphenol	30	J	
106-44-5	4-Methylphenol	65	J	
91-20-3	Naphthalene	1400		
98-95-3	Nitrobenzene	250	U	R
88-75-5	2-Nitrophenol	250	U	
100-02-7	4-Nitrophenol	1200	U	
76-01-7	Pentachloroethane	1200	U	
87-86-5	Pentachlorophenol	1200	U	
85-01-8	Phenanthrene	250	U	
108-95-2	Phenol	130	J	
129-00-0	Pyrene	250	U	
110-86-1	Pyridine	500	U	

smk 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 011 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJC2AE Date Extracted:12/26/01
Dilution factor: 25 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO08-PZM036 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	250	U	R
95-95-4	2,4,5-Trichlorophenol	250	U	
88-06-2	2,4,6-Trichlorophenol	250	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	500	U	

smk 2/10/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 012
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJD1AE Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CO08-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	50	U
208-96-8	Acenaphthylene	9.5	J
120-12-7	Anthracene	50	U
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	Dibenzofuran	5.3	J
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
91-94-1	3,3'-Dichlorobenzidine	250	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U
119-93-7	3,3'-Dimethylbenzidine	250	U

SMK 2/10/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L200346 012

Sample WT/Vol: 1000 / mL
Work Order: EQWJD1AE
Dilution factor: 5

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CO08-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	21	J	
131-11-3	Dimethyl phthalate	50	U	
117-84-0	Di-n-octyl phthalate	50	U	
534-52-1	4,6-Dinitro-2-methylphenol	250	U	
51-28-5	2,4-Dinitrophenol	250	U	
121-14-2	2,4-Dinitrotoluene	50	U	
606-20-2	2,6-Dinitrotoluene	50	U	
206-44-0	Fluoranthene	50	U	
86-73-7	Fluorene	50	U	
118-74-1	Hexachlorobenzene	50	U	
87-68-3	Hexachlorobutadiene	50	U	
77-47-4	Hexachlorocyclopentadiene	250	U	
67-72-1	Hexachloroethane	50	U	
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	
78-59-1	Isophorone	50	U	
91-57-6	2-Methylnaphthalene	63		
95-48-7	2-Methylphenol	30	J	
106-44-5	4-Methylphenol	64		
91-20-3	Naphthalene	1100	E	R
98-95-3	Nitrobenzene	50	U	
88-75-5	2-Nitrophenol	50	U	
100-02-7	4-Nitrophenol	250	U	
76-01-7	Pentachloroethane	250	U	
87-86-5	Pentachlorophenol	250	U	
85-01-8	Phenanthrene	5.9	J	
108-95-2	Phenol	120		
129-00-0	Pyrene	50	U	
110-86-1	Pyridine	100	U	

smk 2/10/02

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L200346 012

Sample WT/Vol: 1000 / mL
Work Order: EQWJD1AE
Dilution factor: 5

Date Received: 12/20/01
Date Extracted: 12/26/01
Date Analyzed: 01/09/02

Client Sample Id: CO08-PZM005

QC Batch: 1361102

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U

SMK 2/10/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L200346 012 DL

Sample WT/Vol: 1000 / mL
Work Order: EQWJD2AE
Dilution factor: 25

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO08-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	250	
208-96-8	Acenaphthylene	250	
120-12-7	Anthracene	250	
56-55-3	Benzo(a)anthracene	250	
205-99-2	Benzo(b)fluoranthene	250	
207-08-9	Benzo(k)fluoranthene	250	
191-24-2	Benzo(ghi)perylene	250	
50-32-8	Benzo(a)pyrene	250	
111-91-1	bis(2-Chloroethoxy)methane	250	
111-44-4	bis(2-Chloroethyl) ether	250	
117-81-7	bis(2-Ethylhexyl) phthalate	250	
101-55-3	4-Bromophenyl phenyl ether	250	
85-68-7	Butyl benzyl phthalate	250	
59-50-7	4-Chloro-3-methylphenol	250	
91-58-7	2-Chloronaphthalene	250	
95-57-8	2-Chlorophenol	250	
7005-72-3	4-Chlorophenyl phenyl ether	250	
218-01-9	Chrysene	250	
53-70-3	Dibenz(a,h)anthracene	250	
132-64-9	Dibenzofuran	250	
84-74-2	Di-n-butyl phthalate	250	
95-50-1	1,2-Dichlorobenzene	250	
541-73-1	1,3-Dichlorobenzene	250	
106-46-7	1,4-Dichlorobenzene	250	
91-94-1	3,3'-Dichlorobenzidine	1200	
120-83-2	2,4-Dichlorophenol	250	
84-66-2	Diethyl phthalate	250	
119-93-7	3,3'-Dimethylbenzidine	1200	

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smt 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 012 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJD2AE Date Extracted:12/26/01
Dilution factor: 25 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO08-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	250	
131-11-3	Dimethyl phthalate	250	
117-84-0	Di-n-octyl phthalate	250	
534-52-1	4,6-Dinitro-2-methylphenol	1200	
51-28-5	2,4-Dinitrophenol	1200	
121-14-2	2,4-Dinitrotoluene	250	
606-20-2	2,6-Dinitrotoluene	250	
206-44-0	Fluoranthene	250	
86-73-7	Fluorene	250	
118-74-1	Hexachlorobenzene	250	
87-68-3	Hexachlorobutadiene	250	
77-47-4	Hexachlorocyclopentadiene	1200	
67-72-1	Hexachloroethane	250	
193-39-5	Indeno(1,2,3-cd)pyrene	250	
78-59-1	Isophorone	250	
91-57-6	2-Methylnaphthalene	65	J
95-48-7	2-Methylphenol	30	J
106-44-5	4-Methylphenol	66	J
91-20-3	Naphthalene	1400	
98-95-3	Nitrobenzene	250	
88-75-5	2-Nitrophenol	250	
100-02-7	4-Nitrophenol	1200	
76-01-7	Pentachloroethane	1200	
87-86-5	Pentachlorophenol	1200	
85-01-8	Phenanthrene	250	
108-95-2	Phenol	130	J
129-00-0	Pyrene	250	
110-86-1	Pyridine	500	

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SMK 2/8/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 012 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJD2AE Date Extracted:12/26/01
Dilution factor: 25 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO08-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	250		R
95-95-4	2,4,5-Trichlorophenol	250		R
88-06-2	2,4,6-Trichlorophenol	250		R
108-60-1	2,2'-oxybis(1-Chloropropane)	500		R

smt 1/8/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 013
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJF1AE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO10-PZM029

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	0.77	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 013
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJF1AE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO10-PZM029

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	0.59	J
95-48-7	2-Methylphenol	3.0	J
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	38	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	0.67	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

SMK 2/10/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 013
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJF1AE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: CO10-PZM029

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMT 2/10/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 014
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJW1AN Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CO04-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	56	
208-96-8	**Acenaphthylene**	180	
120-12-7	**Anthracene**	17	J
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	**Dibenzofuran**	110	
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
91-94-1	3,3'-Dichlorobenzidine	250	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U
119-93-7	3,3'-Dimethylbenzidine	250	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 014
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJW1AN Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CO04-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	330		
131-11-3	Dimethyl phthalate	50	U	
117-84-0	Di-n-octyl phthalate	50	U	
534-52-1	4,6-Dinitro-2-methylphenol	250	U	
51-28-5	2,4-Dinitrophenol	250	U	
121-14-2	2,4-Dinitrotoluene	50	U	
606-20-2	2,6-Dinitrotoluene	50	U	
206-44-0	Fluoranthene	20	J	
86-73-7	Fluorene	93		
118-74-1	Hexachlorobenzene	50	U	
87-68-3	Hexachlorobutadiene	50	U	
77-47-4	Hexachlorocyclopentadiene	250	U	
67-72-1	Hexachloroethane	50	U	
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	
78-59-1	Isophorone	50	U	
91-57-6	2-Methylnaphthalene	390		
95-48-7	2-Methylphenol	96		
106-44-5	4-Methylphenol	98		
91-20-3	Naphthalene	4800	E	R
98-95-3	Nitrobenzene	50	U	
88-75-5	2-Nitrophenol	50	U	
100-02-7	4-Nitrophenol	250	U	
76-01-7	Pentachloroethane	250	U	
87-86-5	Pentachlorophenol	250	U	
85-01-8	Phenanthrene	96		
108-95-2	Phenol	66		
129-00-0	Pyrene	11	J	
110-86-1	Pyridine	13	J	

SMK 2/8/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 014
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJW1AN Date Extracted:12/26/01
Dilution factor: 5 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CO04-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U

SMK 2/10/2002

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L200346 014 DL

Sample WT/Vol: 1000 / mL
Work Order: EQWJW2AN
Dilution factor: 100

Date Received: 12/20/01
Date Extracted: 12/26/01
Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CO04-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1000	
208-96-8	Acenaphthylene	190	J
120-12-7	Anthracene	1000	
56-55-3	Benzo(a)anthracene	1000	
205-99-2	Benzo(b)fluoranthene	1000	
207-08-9	Benzo(k)fluoranthene	1000	
191-24-2	Benzo(ghi)perylene	1000	
50-32-8	Benzo(a)pyrene	1000	
111-91-1	bis(2-Chloroethoxy)methane	1000	
111-44-4	bis(2-Chloroethyl) ether	1000	
117-81-7	bis(2-Ethylhexyl) phthalate	1000	
101-55-3	4-Bromophenyl phenyl ether	1000	
85-68-7	Butyl benzyl phthalate	1000	
59-50-7	4-Chloro-3-methylphenol	1000	
91-58-7	2-Chloronaphthalene	1000	
95-57-8	2-Chlorophenol	1000	
7005-72-3	4-Chlorophenyl phenyl ether	1000	
218-01-9	Chrysene	1000	
53-70-3	Dibenz(a,h)anthracene	1000	
132-64-9	Dibenzofuran	100	J
84-74-2	Di-n-butyl phthalate	1000	
95-50-1	1,2-Dichlorobenzene	1000	
541-73-1	1,3-Dichlorobenzene	1000	
106-46-7	1,4-Dichlorobenzene	1000	
91-94-1	3,3'-Dichlorobenzidine	5000	
120-83-2	2,4-Dichlorophenol	1000	
84-66-2	Diethyl phthalate	1000	
119-93-7	3,3'-Dimethylbenzidine	5000	

R

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 014 D L
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJW2AN Date Extracted:12/26/01
Dilution factor: 100 Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CO04-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	230	J
131-11-3	Dimethyl phthalate	1000	
117-84-0	Di-n-octyl phthalate	1000	
534-52-1	4,6-Dinitro-2-methylphenol	5000	
51-28-5	2,4-Dinitrophenol	5000	
121-14-2	2,4-Dinitrotoluene	1000	
606-20-2	2,6-Dinitrotoluene	1000	
206-44-0	Fluoranthene	1000	
86-73-7	Fluorene	85	J
118-74-1	Hexachlorobenzene	1000	
87-68-3	Hexachlorobutadiene	1000	
77-47-4	Hexachlorocyclopentadiene	5000	
67-72-1	Hexachloroethane	1000	
193-39-5	Indeno(1,2,3-cd)pyrene	1000	
78-59-1	Isophorone	1000	
91-57-6	2-Methylnaphthalene	330	J
95-48-7	2-Methylphenol	100	J
106-44-5	4-Methylphenol	1000	
91-20-3	Naphthalene	6700	
98-95-3	Nitrobenzene	1000	
88-75-5	2-Nitrophenol	1000	
100-02-7	4-Nitrophenol	5000	
76-01-7	Pentachloroethane	5000	
87-86-5	Pentachlorophenol	5000	
85-01-8	Phenanthrene	100	J
108-95-2	Phenol	1000	
129-00-0	Pyrene	1000	
110-86-1	Pyridine	2000	

SMK 2/10/2002

FORM I

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L200346 014 D1

Sample WT/Vol: 1000 / mL
Work Order: EQWJW2AN
Dilution factor: 100

Date Received: 12/20/01
Date Extracted: 12/26/01
Date Analyzed: 01/09/02

QC Batch: 1361102

Client Sample Id: CO04-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	1000	
95-95-4	2,4,5-Trichlorophenol	1000	
88-06-2	2,4,6-Trichlorophenol	1000	
108-60-1	2,2'-oxybis(1-Chloropropane)	2000	

R

SMK 2/10/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 015
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJX1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: EQUIP BLANK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 015
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJX1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: EQUIP BLANK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 015
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJX1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: EQUIP BLANK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 016
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJ01AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 016
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJ01AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 016
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJ01AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1361102

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RA1AC Date Extracted:12/26/01
Dilution factor: 2 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	4.9	J
208-96-8	Acenaphthylene	22	
120-12-7	Anthracene	4.2	J
56-55-3	Benzo(a)anthracene	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
191-24-2	Benzo(ghi)perylene	20	U
50-32-8	Benzo(a)pyrene	20	U
111-91-1	bis(2-Chloroethoxy)methane	20	U
111-44-4	bis(2-Chloroethyl) ether	20	U
117-81-7	bis(2-Ethylhexyl) phthalate	20	U
101-55-3	4-Bromophenyl phenyl ether	20	U
85-68-7	Butyl benzyl phthalate	20	U
59-50-7	4-Chloro-3-methylphenol	20	U
91-58-7	2-Chloronaphthalene	20	U
95-57-8	2-Chlorophenol	20	U
7005-72-3	4-Chlorophenyl phenyl ether	20	U
218-01-9	Chrysene	20	U
53-70-3	Dibenz(a,h)anthracene	20	U
132-64-9	Dibenzofuran	22	
84-74-2	Di-n-butyl phthalate	20	U
95-50-1	1,2-Dichlorobenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
91-94-1	3,3'-Dichlorobenzidine	100	U
120-83-2	2,4-Dichlorophenol	20	U
84-66-2	Diethyl phthalate	20	U
119-93-7	3,3'-Dimethylbenzidine	100	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RA1AC Date Extracted:12/26/01
Dilution factor: 2 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	120		
131-11-3	Dimethyl phthalate	20	U	
117-84-0	Di-n-octyl phthalate	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	100	U	
51-28-5	2,4-Dinitrophenol	100	U	
121-14-2	2,4-Dinitrotoluene	20	U	
606-20-2	2,6-Dinitrotoluene	20	U	
206-44-0	Fluoranthene	5.1	J	
86-73-7	Fluorene	23		
118-74-1	Hexachlorobenzene	20	U	
87-68-3	Hexachlorobutadiene	20	U	
77-47-4	Hexachlorocyclopentadiene	100	U	
67-72-1	Hexachloroethane	20	U	
193-39-5	Indeno(1,2,3-cd)pyrene	20	U	
78-59-1	Isophorone	20	U	
91-57-6	2-Methylnaphthalene	100		
95-48-7	2-Methylphenol	120		
106-44-5	4-Methylphenol	250	E	R
91-20-3	Naphthalene	1500	E	R
98-95-3	Nitrobenzene	20	U	
88-75-5	2-Nitrophenol	20	U	
100-02-7	4-Nitrophenol	100	U	
76-01-7	Pentachloroethane	100	U	
87-86-5	Pentachlorophenol	100	U	
85-01-8	Phenanthrene	29		
108-95-2	Phenol	300	E	R
129-00-0	Pyrene	3.2	J	
110-86-1	Pyridine	31	J	

smh 2/10/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RA1AC Date Extracted:12/26/01
Dilution factor: 2 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	U

smk 2/10/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 0010L
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RA2AC Date Extracted:12/26/01
Dilution factor: 40 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	R
83-32-9	Acenaphthene	400		
208-96-8	Acenaphthylene	400		
120-12-7	Anthracene	400		
56-55-3	Benzo(a)anthracene	400		
205-99-2	Benzo(b)fluoranthene	400		
207-08-9	Benzo(k)fluoranthene	400		
191-24-2	Benzo(ghi)perylene	400		
50-32-8	Benzo(a)pyrene	400		
111-91-1	bis(2-Chloroethoxy)methane	400		
111-44-4	bis(2-Chloroethyl) ether	400		
117-81-7	bis(2-Ethylhexyl) phthalate	400		
101-55-3	4-Bromophenyl phenyl ether	400		
85-68-7	Butyl benzyl phthalate	400		
59-50-7	4-Chloro-3-methylphenol	400		
91-58-7	2-Chloronaphthalene	400		
95-57-8	2-Chlorophenol	400		
7005-72-3	4-Chlorophenyl phenyl ether	400		
218-01-9	Chrysene	400		
53-70-3	Dibenz(a,h)anthracene	400		
132-64-9	Dibenzofuran	400		
84-74-2	Di-n-butyl phthalate	400		
95-50-1	1,2-Dichlorobenzene	400		
541-73-1	1,3-Dichlorobenzene	400		
106-46-7	1,4-Dichlorobenzene	400		
91-94-1	3,3'-Dichlorobenzidine	2000		
120-83-2	2,4-Dichlorophenol	400		
84-66-2	Diethyl phthalate	400		
119-93-7	3,3'-Dimethylbenzidine	2000		

SMK 2/10/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 001 D1
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RA2AC Date Extracted:12/26/01
Dilution factor: 40 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	81	J
131-11-3	Dimethyl phthalate	400	U
117-84-0	Di-n-octyl phthalate	400	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
206-44-0	Fluoranthene	400	U
86-73-7	Fluorene	400	U
118-74-1	Hexachlorobenzene	400	U
87-68-3	Hexachlorobutadiene	400	U
77-47-4	Hexachlorocyclopentadiene	2000	U
67-72-1	Hexachloroethane	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
78-59-1	Isophorone	400	U
91-57-6	2-Methylnaphthalene	82	J
95-48-7	2-Methylphenol	98	J
106-44-5	4-Methylphenol	200	J
91-20-3	Naphthalene	2000	
98-95-3	Nitrobenzene	400	U
88-75-5	2-Nitrophenol	400	U
100-02-7	4-Nitrophenol	2000	U
76-01-7	Pentachloroethane	2000	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
108-95-2	Phenol	250	J
129-00-0	Pyrene	400	U
110-86-1	Pyridine	800	U

R

R

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RA2AC Date Extracted:12/26/01
Dilution factor: 40 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	400	U	R
95-95-4	2,4,5-Trichlorophenol	400	U	
88-06-2	2,4,6-Trichlorophenol	400	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	800	U	

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RQ1AN Date Extracted:12/26/01
Dilution factor: 2 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	**Acenaphthene**	4.9	J
208-96-8	**Acenaphthylene**	23	
120-12-7	**Anthracene**	4.6	J
56-55-3	Benzo(a)anthracene	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
191-24-2	Benzo(ghi)perylene	20	U
50-32-8	Benzo(a)pyrene	20	U
111-91-1	bis(2-Chloroethoxy)methane	20	U
111-44-4	bis(2-Chloroethyl) ether	20	U
117-81-7	bis(2-Ethylhexyl) phthalate	20	U
101-55-3	4-Bromophenyl phenyl ether	20	U
85-68-7	Butyl benzyl phthalate	20	U
59-50-7	4-Chloro-3-methylphenol	20	U
91-58-7	2-Chloronaphthalene	20	U
95-57-8	2-Chlorophenol	20	U
7005-72-3	4-Chlorophenyl phenyl ether	20	U
218-01-9	Chrysene	20	U
53-70-3	Dibenz(a,h)anthracene	20	U
132-64-9	**Dibenzofuran**	23	
84-74-2	Di-n-butyl phthalate	20	U
95-50-1	1,2-Dichlorobenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
91-94-1	3,3'-Dichlorobenzidine	100	U
120-83-2	2,4-Dichlorophenol	20	U
84-66-2	Diethyl phthalate	20	U
119-93-7	3,3'-Dimethylbenzidine	100	U

smk 2/18/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RQ1AN Date Extracted:12/26/01
Dilution factor: 2 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	120		
131-11-3	Dimethyl phthalate	20	U	
117-84-0	Di-n-octyl phthalate	20	U	
534-52-1	4,6-Dinitro-2-methylphenol	100	U	
51-28-5	2,4-Dinitrophenol	100	U	
121-14-2	2,4-Dinitrotoluene	20	U	
606-20-2	2,6-Dinitrotoluene	20	U	
206-44-0	Fluoranthene	5.3	J	
86-73-7	Fluorene	24		
118-74-1	Hexachlorobenzene	20	U	
87-68-3	Hexachlorobutadiene	20	U	
77-47-4	Hexachlorocyclopentadiene	100	U	
67-72-1	Hexachloroethane	20	U	
193-39-5	Indeno(1,2,3-cd)pyrene	20	U	
78-59-1	Isophorone	20	U	
91-57-6	2-Methylnaphthalene	100		
95-48-7	2-Methylphenol	120		
106-44-5	4-Methylphenol	270	X	R
91-20-3	Naphthalene	1500	X	R
98-95-3	Nitrobenzene	20	U	
88-75-5	2-Nitrophenol	20	U	
100-02-7	4-Nitrophenol	100	U	
76-01-7	Pentachloroethane	100	U	
87-86-5	Pentachlorophenol	100	U	
85-01-8	Phenanthrene	31		
108-95-2	Phenol	400	X	R
129-00-0	Pyrene	3.3	J	
110-86-1	Pyridine	29	J	

smx 2/10/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RQ1AN Date Extracted:12/26/01
Dilution factor: 2 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	U

SMK 2/10/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 002 NL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RQ2AN Date Extracted:12/26/01
Dilution factor: 40 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	R
83-32-9	Acenaphthene	400		
208-96-8	Acenaphthylene	400		
120-12-7	Anthracene	400		
56-55-3	Benzo(a)anthracene	400		
205-99-2	Benzo(b)fluoranthene	400		
207-08-9	Benzo(k)fluoranthene	400		
191-24-2	Benzo(ghi)perylene	400		
50-32-8	Benzo(a)pyrene	400		
111-91-1	bis(2-Chloroethoxy)methane	400		
111-44-4	bis(2-Chloroethyl) ether	400		
117-81-7	bis(2-Ethylhexyl) phthalate	400		
101-55-3	4-Bromophenyl phenyl ether	400		
85-68-7	Butyl benzyl phthalate	400		
59-50-7	4-Chloro-3-methylphenol	400		
91-58-7	2-Chloronaphthalene	400		
95-57-8	2-Chlorophenol	400		
7005-72-3	4-Chlorophenyl phenyl ether	400		
218-01-9	Chrysene	400		
53-70-3	Dibenz(a,h)anthracene	400		
132-64-9	Dibenzofuran	400		
84-74-2	Di-n-butyl phthalate	400		
95-50-1	1,2-Dichlorobenzene	400		
541-73-1	1,3-Dichlorobenzene	400		
106-46-7	1,4-Dichlorobenzene	400		
91-94-1	3,3'-Dichlorobenzidine	2000		
120-83-2	2,4-Dichlorophenol	400		
84-66-2	Diethyl phthalate	400		
119-93-7	3,3'-Dimethylbenzidine	2000		

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 002 bl
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RQ2AN Date Extracted:12/26/01
Dilution factor: 40 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	77	J	R
131-11-3	Dimethyl phthalate	400	U	
117-84-0	Di-n-octyl phthalate	400	U	
534-52-1	4,6-Dinitro-2-methylphenol	2000	U	
51-28-5	2,4-Dinitrophenol	2000	U	
121-14-2	2,4-Dinitrotoluene	400	U	
606-20-2	2,6-Dinitrotoluene	400	U	
206-44-0	Fluoranthene	400	U	
86-73-7	Fluorene	400	U	
118-74-1	Hexachlorobenzene	400	U	
87-68-3	Hexachlorobutadiene	400	U	
77-47-4	Hexachlorocyclopentadiene	2000	U	
67-72-1	Hexachloroethane	400	U	
193-39-5	Indeno(1,2,3-cd)pyrene	400	U	
78-59-1	Isophorone	400	U	
91-57-6	2-Methylnaphthalene	78	J	
95-48-7	2-Methylphenol	100	J	
106-44-5	4-Methylphenol	220	J	
91-20-3	Naphthalene	1800		R
98-95-3	Nitrobenzene	400	U	
88-75-5	2-Nitrophenol	400	U	
100-02-7	4-Nitrophenol	2000	U	
76-01-7	Pentachloroethane	2000	U	
87-86-5	Pentachlorophenol	2000	U	
85-01-8	Phenanthrene	400	U	
108-95-2	Phenol	340	J	
129-00-0	Pyrene	400	U	R
110-86-1	Pyridine	800	U	

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L210311 002 DL

Sample WT/Vol: 1000 / mL
Work Order: EQ0RQ2AN
Dilution factor: 40

Date Received: 12/21/01
Date Extracted:12/26/01
Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO09-PZM007 DUP -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	400		R
95-95-4	2,4,5-Trichlorophenol	400		R
88-06-2	2,4,6-Trichlorophenol	400		R
108-60-1	2,2'-oxybis(1-Chloropropane)	800		R

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RW1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO21-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	**Anthracene**	1.1	J
56-55-3	**Benzo(a)anthracene**	2.9	J
205-99-2	**Benzo(b)fluoranthene**	1.9	J
207-08-9	**Benzo(k)fluoranthene**	2.2	J
191-24-2	**Benzo(ghi)perylene**	1.9	J
50-32-8	**Benzo(a)pyrene**	1.9	J
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	**Chrysene**	3.2	J
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/10/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L210311 003

Sample WT/Vol: 1000 / mL
Work Order: EQ0RW1AN
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/26/01
Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO21-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	6.0	J
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	J
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	0.74	J
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	2.2	J
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	4.0	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	4.3	J
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RW1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO21-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L190301 001

Sample WT/Vol: 1000 / mL
Work Order: EQRNC1AD
Dilution factor: 1

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/28/01

QC Batch: 1354518

Client Sample Id: GL13-PZM012

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L190301 002

Sample WT/Vol: 1000 / mL
Work Order: EQRNK1AP
Dilution factor: 1

Date Received: 12/19/01
Date Extracted:12/20/01
Date Analyzed: 12/28/01

QC Batch: 1354518

Client Sample Id: GL13-PZM012 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 001

Sample WT/Vol: 1000 / mL
Work Order: EQWHQ1AD
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: CO15-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 002

Sample WT/Vol: 1000 / mL
Work Order: EQWHX1AF
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: CO15-PZM005 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 003

Sample WT/Vol: 1000 / mL
Work Order: EQWH01AD
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: CO03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 004

Sample WT/Vol: 1000 / mL
Work Order: EQWH11AP
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: CP06-PZM006

9
1/20/02
AED

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 005

Sample WT/Vol: 1000 / mL
Work Order: EQWH21A2
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: CP10-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 006

Sample WT/Vol: 1000 / mL
Work Order: EQWH41AF
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: CO10-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 008

Sample WT/Vol: 1000 / mL
Work Order: EQWH81AF
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: SW17-PZM038

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 009

Sample WT/Vol: 1000 / mL
Work Order: EQWH91AF
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: SW17-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 010

Sample WT/Vol: 1000 / mL
Work Order: EQWJA1AP
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: CO04-PZM048

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 011

Sample WT/Vol: 1000 / mL
Work Order: EQWJC1AF
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: CO08-PZM036

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 012

Sample WT/Vol: 1000 / mL
Work Order: EQWJD1AF
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: CO08-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 013

Sample WT/Vol: 1000 / mL
Work Order: EQWJF1AF
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: CO10-PZM029

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 014

Sample WT/Vol: 1000 / mL
Work Order: EQWJW1AP
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: CO04-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L200346 015

Sample WT/Vol: 1000 / mL
Work Order: EQWJX1AP
Dilution factor: 1

Date Received: 12/20/01
Date Extracted:12/26/01
Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: EQUIP BLANK#1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L200346 016
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/20/01
Work Order: EQWJ01AP Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 12/27/01

QC Batch: 1360404

Client Sample Id: EQUIP BLANK#2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L210311 001

Sample WT/Vol: 1000 / mL
Work Order: EQ0RA1AD
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO09-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER Lab Sample ID:C1L210311 002
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0RQ1AP Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO09-PZM007 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC006

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L210311 003

Sample WT/Vol: 1000 / mL
Work Order: EQ0RW1AP
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO21-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPc006
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- X • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/21/00
Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

All chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

4.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

5.0 *ICP INTERFERENCE CHECK SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The positive results reported for the inorganic analytes presented on page 4 are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results for these analytes has indicated this.

Analyte	Qualified Results
Arsenic	C003-PZM005-01C, C004-PZM004-01CC008-PZM005-01C, C008-PZM036-01C, C009-PZM007-01C, C009-PZM007-01C DUP, C010-PZM006-01C, C010-PZM029-01C, C015-PZM005-01C, C015-PZM005-01C DUP
Beryllium	C009-PZM007-01C, C009-PZM007-01C DUP
Copper	C009-PZM007-01C, C010-PZM029-01C, C021-PZM005-01C
Magnesium	C009-PZM007-01C, C009-PZM007-01C DUP

7.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

8.0 LABORATORY DUPLICATE RESULTS

All criteria were met. No qualifiers were applied.

9.0 ICP SERIAL DILUTION RESULTS

The positive vanadium results for the samples should be considered quantitative estimates. The ICP serial dilution criterion was exceeded for this analyte. The lack of precision may be due to interferences in samples of similar matrix. The positive results have been marked with "J" qualifiers to indicate that they are quantitative estimates.

10.0 FIELD DUPLICATE RESULTS

Duplicate sample pairs CP09-PZM010-01C and CP09-PZM010-01C DUP, and TM08-PZ038 and TM08-PZ038 DUP were submitted to the laboratory evaluate sampling and analytical precision for those analytes determined to be present. Results for these duplicate samples are presented in Tables 2 and 3. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criterion of 25 percent for values greater than five times the QL (or $\pm$ the QL for results less than five times the QL).

11.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

12.0 GFAA POST-DIGESTION SPIKE/DUPLICATE BURN

Not Applicable.

13.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

14.0 QUANTITATION/REPORTING LIMITS

The laboratory reported results for metals detected in samples at concentrations greater than the instrument detection limit, but less than the QL with "B" flags. EDQ has flagged results for metals below the QL with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

Table 2 Field Duplicate Sample Results for Inorganic Analyses
Ground Water Duplicate Samples C009-PZM007-01C and C009-PZM007-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	C009-PZM007-01C (µg/L)		C009-PZM007-01C DUP (µg/L)			
Arsenic	3.8	B	2.7	B	NC	
Barium	45.2	J	40.7	J	10.5	
Beryllium	1.3	B	1.1	B	NC	
Calcium	167000		165000		1.2	
Chromium	ND		1.2	J	NC	
Copper	1.3	B	ND		NC	
Iron	1210		389		102.7	*
Lead	6		1.9	J	103.8	
Magnesium	247	B	56.2	B	NC	
Manganese	141		27.1		135.5	*
Mercury	0.24	B	0.075	B	NC	
Potassium	32800		32500		0.9	
Selenium	3.8	J	6.6		53.8	Less than 5 X QL
Sodium	157000		157000		0.0	
Thallium	6.3	J	ND		NC	
Vanadium	601	J	558	J	7.4	Less than 5 X QL
Zinc	19.5	J	5.4	J	113.3	*
Available Cyanide, mg/L	11.9	J	11.8	J	0.8	
Chloride, mg/L	185		192		3.7	
Sulfate, mg/L	333		332		0.3	

* EDQ Field duplicate precision criterion was exceeded for this analyte.

Table 3 Field Duplicate Sample Results for Inorganic Analyses
Ground Water Duplicate Samples C015-PZM005-01C and C015-PZM005-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	C015-PZM005-01C (µg/L)		C015-PZM005-01C DUP (µg/L)			
Antimony	6.1	J	ND		NC	
Arsenic	22.9	B	6.7	B	NC	
Barium	107	J	47.8	J	76.5	Less Than 5 X QL
Beryllium	0.65	B	ND		NC	
Cadmium	12.1		0.97	J	170.3	Less Than 5 X QL
Calcium	98300		NA		NC	
Chromium	43		4.1	J	165.2	Less Than 5 X QL
Cobalt	12.1	B	0.93	B	171.5	
Copper	114.0		9.9	J	NC	
Iron	49500		NA		NC	
Lead	3810		331		168.0	*
Magnesium	32300		NA		NC	
Manganese	1820		NA		NC	
Mercury	0.24	B	0.075	B	104.8	
Nickel	18.3	J	3.1	J	NC	
Potassium	26500		NA		NC	
Selenium	ND		3.5	J	NC	
Silver	2.5	J	ND		NC	
Sodium	83600		NA		NC	
Thallium	8.3	J	6.3	J	27.4	Less Than 5 X QL
Vanadium	92.2	J	8.8	J	165.1	Less Than 5 X QL
Zinc	4260		394		166.1	*
Available Cyanide, mg/L	0.047	J	0.054	J	13.9	Less Than 5 X QL

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRNC **Client ID:** GL13-PZM012

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/10/02	19:21
Barium	**493.41**	**0.14**	**200**	**32.6**	**B**	**1**	**ICPST**	**1/10/02**	**19:21**
Beryllium	**313.04**	**0.40**	**5.0**	**0.56**	**B**	**1**	**ICPST**	**1/10/02**	**19:21**
Cadmium	226.50	3.2	25.0	3.2	U	5	ICPST	1/11/02	8:46
Chromium	267.72	5.6	25.0	5.6	U	5	ICPST	1/11/02	8:46
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	19:21
Copper	324.75	3.9	125	3.9	U	5	ICPST	1/11/02	8:46
Iron	**271.44**	**225**	**500**	**1410000**		**5**	**ICPST**	**1/11/02**	**8:46**
Lead	220.35	9.1	15.0	9.1	U	5	ICPST	1/11/02	8:46
Manganese	**257.61**	**11.7**	**375**	**131000**		**25**	**ICPST**	**1/10/02**	**19:26**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	19:21
Selenium	220.35	79.8	125	79.8	U	25	ICPST	1/10/02	19:26
Silver	**328.07**	**0.75**	**5.0**	**6.0**		**1**	**ICPST**	**1/10/02**	**19:21**
Thallium	190.86	144	250	144	U	25	ICPST	1/11/02	11:44
Vanadium	**292.40**	**7.6**	**250**	**54.9**	**B**	**5**	**ICPST**	**1/11/02**	**8:46**
Zinc	213.86	7.5	100	7.5	U	5	ICPST	1/11/02	8:46

SMK 2/pkod

Comments: Lot #: C1L190301 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRNC **Client ID:** GL13-PZM012

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	20.6	50.0	20.6	U	5	ICPST	1/11/02	9:17
Calcium	**317.93**	**12.2**	**5000**	**120000**		**1**	**ICPST**	**1/10/02**	**22:04**
Magnesium	**279.08**	**7.1**	**5000**	**235000**		**1**	**ICPST**	**1/10/02**	**22:04**
Potassium	**766.49**	**519**	**5000**	**3380**	**B** J	**1**	**ICP**	**1/3/02**	**17:00**
Sodium	**589**	**15.0**	**5000**	**94800**		**1**	**ICP**	**1/3/02**	**17:00**
Tin	189.99	144	500	144	U	5	ICP	1/5/02	14:35

Comments: Lot #: C1L190301 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRNK **Client ID:** GL13-PZM012 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/10/02	19:30
Barium	**493.41**	**0.14**	**200**	**32.2**	~~B~~	**1**	**ICPST**	**1/10/02**	**19:30**
Beryllium	**313.04**	**0.40**	**5.0**	**0.68**	**B**	**1**	**ICPST**	**1/10/02**	**19:30**
Cadmium	226.50	3.2	25.0	3.2	U	5	ICPST	1/10/02	19:34
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/10/02	19:30
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	19:30
Copper	**324.75**	**3.9**	**125**	**442**		**5**	**ICPST**	**1/10/02**	**19:34**
Iron	**271.44**	**225**	**500**	**1420000**		**5**	**ICPST**	**1/10/02**	**19:34**
Lead	220.35	9.1	15.0	9.1	U	5	ICPST	1/10/02	19:34
Manganese	**257.61**	**11.7**	**375**	**131000**		**25**	**ICPST**	**1/10/02**	**19:39**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	19:30
Selenium	220.35	79.8	125	79.8	U	25	ICPST	1/10/02	19:39
Silver	**328.07**	**0.75**	**5.0**	**5.7**		**1**	**ICPST**	**1/10/02**	**19:30**
Thallium	190.86	144	250	144	U	25	ICPST	1/11/02	11:49
Vanadium	**292.40**	**7.6**	**250**	**57.3**	~~B~~ J	**5**	**ICPST**	**1/10/02**	**19:34**
Zinc	213.86	7.5	100	7.5	U	5	ICPST	1/10/02	19:34

SMK 2/8/2002

Comments: Lot #: C1L190301 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRNK **Client ID:** GL13-PZM012 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	20.6	50.0	20.6	U	5	ICPST	1/10/02	22:13
Calcium	**317.93**	**12.2**	**5000**	**124000**		1	**ICPST**	**1/10/02**	**22:08**
Magnesium	**279.08**	**7.1**	**5000**	**242000**		1	**ICPST**	**1/10/02**	**22:08**
Potassium	**766.49**	**519**	**5000**	**3720**	~~B~~ J	1	**ICP**	**1/3/02**	**17:04**
Sodium	**589**	**15.0**	**5000**	**96400**		1	**ICP**	**1/3/02**	**17:04**
Tin	189.99	144	500	144	U	5	ICP	1/5/02	14:38

smt stopped

Comments: Lot #: C1L190301 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWHQ **Client ID:** CO15-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	189.04	2.0	10.0	22.9		B 1	ICPST	1/10/02	19:52
Barium	493.41	0.14	200	107	~~B~~	J 1	ICPST	1/10/02	19:52
Beryllium	313.04	0.40	5.0	0.65	B	1	ICPST	1/10/02	19:52
Cadmium	226.50	0.63	5.0	12.1		1	ICPST	1/10/02	19:52
Chromium	267.72	1.1	5.0	43.0		1	ICPST	1/10/02	19:52
Cobalt	228.62	0.86	50.0	12.1	B	1	ICPST	1/10/02	19:52
Copper	324.75	0.77	25.0	114		1	ICPST	1/10/02	19:52
Iron	271.44	45.0	100	49500		1	ICPST	1/10/02	19:52
Lead	220.35	1.8	3.0	3810		1	ICPST	1/10/02	19:52
Manganese	257.61	0.47	15.0	1820		1	ICPST	1/10/02	19:52
Nickel	231.60	2.4	40.0	18.3	~~B~~	J 1	ICPST	1/10/02	19:52
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/10/02	19:52
Silver	328.07	0.75	5.0	2.5	~~B~~	J 1	ICPST	1/10/02	19:52
Thallium	190.86	5.7	10.0	8.3	~~B~~	J 1	ICPST	1/11/02	11:53
Vanadium	292.40	1.5	50.0	92.2	~~B~~	J 1	ICPST	1/10/02	19:52
Zinc	213.86	1.5	20.0	4260		1	ICPST	1/10/02	19:52

smk 2/6/02

Comments: Lot #: C1L200346 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWHQ **Client ID:** CO15-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	6.1	~~B~~ J	1	ICPST	1/10/02	22:19
Calcium	317.93	12.2	5000	98300		1	ICPST	1/10/02	22:19
Magnesium	279.08	7.1	5000	32300		1	ICPST	1/10/02	22:19
Potassium	766.49	519	5000	26500		1	ICP	1/3/02	17:07
Sodium	589	15.0	5000	83600		1	ICP	1/3/02	17:07
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	17:07

smk 1/10/2002

Comments: Lot #: C1L200346 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWHX **Client ID:** CO15-PZM005 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	189.04	2.0	10.0	6.7	B	1	ICPST	1/10/02	20:10
Barium	493.41	0.14	200	47.8	B	1	ICPST	1/10/02	20:10
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	20:10
Cadmium	226.50	0.63	5.0	0.97	B	1	ICPST	1/10/02	20:10
Chromium	267.72	1.1	5.0	4.1	B	1	ICPST	1/10/02	20:10
Cobalt	228.62	0.86	50.0	0.93	B	1	ICPST	1/10/02	20:10
Copper	324.75	0.77	25.0	9.9	B	1	ICPST	1/10/02	20:10
Lead	220.35	1.8	3.0	331		1	ICPST	1/10/02	20:10
Nickel	231.60	2.4	40.0	3.1	B	1	ICPST	1/10/02	20:10
Selenium	220.35	3.2	5.0	3.5	B	1	ICPST	1/10/02	20:10
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	20:10
Thallium	190.86	5.7	10.0	6.3	B	1	ICPST	1/11/02	12:11
Vanadium	292.40	1.5	50.0	8.8	BE	1	ICPST	1/10/02	20:10
Zinc	213.86	1.5	20.0	394		1	ICPST	1/10/02	20:10

Comments: Lot #: C1L200346 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWHX **Client ID:** CO15-PZM005 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/10/02	22:45
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	17:26

SML 2/8/02

Comments: Lot #: C1L200346 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH0 **Client ID:** CO03-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**6.7**	**B**	**1**	**ICPST**	**1/10/02**	**20:14**
Barium	**493.41**	**0.14**	**200**	**56.1**	**J**	**1**	**ICPST**	**1/10/02**	**20:14**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	20:14
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	20:14
Chromium	**267.72**	**1.1**	**5.0**	**1.2**	**J**	**1**	**ICPST**	**1/10/02**	**20:14**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	20:14
Copper	**324.75**	**0.77**	**25.0**	**3.7**	**J**	**1**	**ICPST**	**1/10/02**	**20:14**
Iron	**271.44**	**45.0**	**100**	**1530**		**1**	**ICPST**	**1/10/02**	**20:14**
Lead	**220.35**	**1.8**	**3.0**	**11.7**		**1**	**ICPST**	**1/10/02**	**20:14**
Manganese	**257.61**	**0.47**	**15.0**	**635**		**1**	**ICPST**	**1/10/02**	**20:14**
Nickel	**231.60**	**2.4**	**40.0**	**2.5**	**J**	**1**	**ICPST**	**1/10/02**	**20:14**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/10/02	20:14
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	20:14
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	12:15
Vanadium	**292.40**	**1.5**	**50.0**	**5.3**	**BE**	**J** 1	**ICPST**	**1/10/02**	**20:14**
Zinc	**213.86**	**1.5**	**20.0**	**33.9**		**1**	**ICPST**	**1/10/02**	**20:14**

Comments: Lot #: C1L200346 Sample #: 3

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH0 **Client ID:** CO03-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/10/02	22:49
Calcium	**317.93**	**12.2**	**5000**	**85000**		**1**	**ICPST**	**1/10/02**	**22:49**
Magnesium	**279.08**	**7.1**	**5000**	**38000**		**1**	**ICPST**	**1/10/02**	**22:49**
Potassium	766.49	**519**	**5000**	**35500**		1	**ICP**	**1/3/02**	17:29
Sodium	**589**	**15.0**	**5000**	**77800**		1	**ICP**	**1/3/02**	17:29
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	17:29

Comments: Lot #: C1L200346 Sample #: 3

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH1 **Client ID:** CP06-PZM008 1/20/02 HCN

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**117**		**1**	**ICPST**	**1/10/02**	**20:18**
Barium	**493.41**	**0.14**	**200**	**2030**		**1**	**ICPST**	**1/10/02**	**20:18**
Beryllium	**313.04**	**0.40**	**5.0**	**32.1**		**1**	**ICPST**	**1/10/02**	**20:18**
Cadmium	226.50	3.2	25.0	3.2	U	5	ICPST	1/11/02	8:50
Chromium	**267.72**	**1.1**	**5.0**	**6780**		**1**	**ICPST**	**1/10/02**	**20:18**
Cobalt	**228.62**	**0.86**	**50.0**	**99.9**		**1**	**ICPST**	**1/10/02**	**20:18**
Copper	**324.75**	**0.77**	**25.0**	**746**		**1**	**ICPST**	**1/10/02**	**20:18**
Iron	**271.44**	**225**	**500**	**1260000**		**5**	**ICPST**	**1/11/02**	**8:50**
Lead	**220.35**	**9.1**	**15.0**	**492**		**5**	**ICPST**	**1/11/02**	**8:50**
Manganese	**257.61**	**23.4**	**750**	**235000**		**50**	**ICPST**	**1/10/02**	**20:27**
Nickel	**231.60**	**2.4**	**40.0**	**306**		**1**	**ICPST**	**1/10/02**	**20:18**
Selenium	220.35	160	250	160	U	50	ICPST	1/10/02	20:27
Silver	**328.07**	**0.75**	**5.0**	**15.9**		**1**	**ICPST**	**1/10/02**	**20:18**
Thallium	**190.86**	**287**	**500**	**341**	~~B~~ J	50	**ICPST**	**1/11/02**	**13:28**
Vanadium	**292.40**	**7.6**	**250**	**10400**	~~E~~ J	5	**ICPST**	**1/11/02**	**8:50**
Zinc	**213.86**	**7.5**	**100**	**2970**		**5**	**ICPST**	**1/11/02**	**8:50**

SMT 2/10/2002

Comments: Lot #: C1L200346 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH1 **Client ID:** CP06-PZM008 1/20/02 HCD

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	20.6	50.0	20.6	U	5	ICPST	1/11/02	9:22
Calcium	**317.93**	**61.0**	**25000**	**2990000**		**5**	**ICPST**	**1/11/02**	**9:22**
Magnesium	**279.08**	**14.1**	**10000**	**729000**		**2**	**ICPST**	**1/10/02**	**22:58**
Potassium	**766.49**	**519**	**5000**	**260000**		**1**	**ICP**	**1/3/02**	**17:32**
Sodium	**589**	**75.0**	**25000**	**915000**		**5**	**ICP**	**1/5/02**	**14:41**
Tin	189.99	144	500	144	U	5	ICP	1/5/02	14:41

SMK 2/6/02

Comments: Lot #: C1L200346 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH2 **Client ID:** CP10-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	189.04	2.0	10.0	37.5		1	ICPST	1/10/02	20:45
Barium	493.41	0.14	200	3590		1	ICPST	1/10/02	20:45
Beryllium	313.04	0.40	5.0	4.3	B	J 1	ICPST	1/10/02	20:45
Cadmium	226.50	0.63	5.0	6.4		1	ICPST	1/10/02	20:45
Chromium	267.72	1.1	5.0	1140		1	ICPST	1/10/02	20:45
Cobalt	228.62	0.86	50.0	22.8	B	J 1	ICPST	1/10/02	20:45
Copper	324.75	0.77	25.0	451		1	ICPST	1/10/02	20:45
Iron	271.44	45.0	100	326000		1	ICPST	1/10/02	20:45
Lead	220.35	1.8	3.0	664		1	ICPST	1/10/02	20:45
Manganese	257.61	2.3	75.0	30300		5	ICPST	1/10/02	20:32
Nickel	231.60	2.4	40.0	167		1	ICPST	1/10/02	20:45
Selenium	220.35	16.0	25.0	16.0	U	5	ICPST	1/10/02	20:32
Silver	328.07	0.75	5.0	3.7	B	J 1	ICPST	1/10/02	20:45
Thallium	190.86	28.7	50.0	28.7	U	5	ICPST	1/11/02	13:32
Vanadium	292.40	1.5	50.0	1060	B	J 1	ICPST	1/10/02	20:45
Zinc	213.86	1.5	20.0	3590		1	ICPST	1/10/02	20:45

SMK 2/10/2002

Comments: Lot #: C1L200346 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH2 **Client ID:** CP10-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	12.6		1	ICPST	1/10/02	23:03
Calcium	317.93	61.0	25000	1270000		5	ICPST	1/11/02	9:27
Magnesium	279.08	7.1	5000	173000		1	ICPST	1/10/02	23:03
Potassium	766.49	519	5000	149000		1	ICP	1/3/02	17:35
Sodium	589	15.0	5000	235000		1	ICP	1/3/02	17:35
Tin	189.99	28.8	100	184		1	ICP	1/3/02	17:35

Comments: Lot #: C1L200346 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH4 **Client ID:** CO10-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**2.6**	~~B~~ J	1	**ICPST**	**1/10/02**	**20:49**
Barium	**493.41**	**0.14**	**200**	**55.1**	~~B~~ J	1	**ICPST**	**1/10/02**	**20:49**
Beryllium	**313.04**	**0.40**	**5.0**	**6.0**		1	**ICPST**	**1/10/02**	**20:49**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	20:49
Chromium	**267.72**	**1.1**	**5.0**	**4.3**	~~B~~ J	1	**ICPST**	**1/10/02**	**20:49**
Cobalt	**228.62**	**0.86**	**50.0**	**1.8**	~~B~~ J	1	**ICPST**	**1/10/02**	**20:49**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/10/02	20:49
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/10/02	20:49
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	20:49
Selenium	**220.35**	**3.2**	**5.0**	**15.3**		1	**ICPST**	**1/10/02**	**20:49**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	20:49
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	13:37
Vanadium	**292.40**	**1.5**	**50.0**	**2410**	~~B~~ J	1	**ICPST**	**1/10/02**	**20:49**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/10/02	20:49

SMK 2/6/2002

Comments: Lot #: C1L200346 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH4 **Client ID:** CO10-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.5	B/J	1	ICPST	1/10/02	23:08
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	17:38

smt 2/19/02

Comments: Lot #: C1L200346 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH8 **Client ID:** SW17-PZM038

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**194**		**1**	**ICPST**	**1/10/02**	**20:54**
Barium	**493.41**	**0.14**	**200**	**136**	~~B~~ J	**1**	**ICPST**	**1/10/02**	**20:54**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	20:54
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	20:54
Chromium	**267.72**	**1.1**	**5.0**	**1.5**	~~B~~ J	**1**	**ICPST**	**1/10/02**	**20:54**
Cobalt	**228.62**	**0.86**	**50.0**	**1.1**	~~B~~ J	**1**	**ICPST**	**1/10/02**	**20:54**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/10/02	20:54
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/10/02	20:54
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	20:54
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/10/02	20:54
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	20:54
Thallium	**190.86**	**5.7**	**10.0**	**8.6**	~~B~~ J	**1**	**ICPST**	**1/11/02**	**13:41**
Vanadium	**292.40**	**1.5**	**50.0**	**17.3**	~~BE~~ J	**1**	**ICPST**	**1/10/02**	**20:54**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/10/02	20:54

smk 2/8/02

Comments: Lot #: C1L200346 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH8 **Client ID:** SW17-PZM038

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/10/02	23:13
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	17:41

Comments: Lot #: C1L200346 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH9 **Client ID:** SW17-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/10/02	20:58
Barium	**493.41**	**0.14**	**200**	**69.9**	~~B~~ J	**1**	**ICPST**	**1/10/02**	**20:58**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	20:58
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	20:58
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/10/02	20:58
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	20:58
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/10/02	20:58
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/10/02	20:58
Nickel	**231.60**	**2.4**	**40.0**	**6.5**	~~B~~ J	**1**	**ICPST**	**1/10/02**	**20:58**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/10/02	20:58
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	20:58
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	13:45
Vanadium	**292.40**	**1.5**	**50.0**	**39.1**	~~BE~~ J	**1**	**ICPST**	**1/10/02**	**20:58**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/10/02	20:58

smk 2/19/2002

Comments: Lot #: C1L200346 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH9 **Client ID:** SW17-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/10/02	23:26
Tin	189.99	28.8	100	48.1	~~B~~ J	1	ICP	1/3/02	17:44

Comments: Lot #: C1L200346 Sample #: 9

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJA **Client ID:** CO04-PZM048

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**17.9**		**1**	**ICPST**	**1/10/02**	**21:02**
Barium	**493.41**	**0.14**	**200**	**128**	**B**	**1**	**ICPST**	**1/10/02**	**21:02**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	21:02
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	21:02
Chromium	**267.72**	**1.1**	**5.0**	**4.0**	**B**	**1**	**ICPST**	**1/10/02**	**21:02**
Cobalt	**228.62**	**0.86**	**50.0**	**8.6**	**B**	**1**	**ICPST**	**1/10/02**	**21:02**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/10/02	21:02
Iron	**271.44**	**45.0**	**100**	**72000**		**1**	**ICPST**	**1/10/02**	**21:02**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/10/02	21:02
Manganese	**257.61**	**0.47**	**15.0**	**3600**		**1**	**ICPST**	**1/10/02**	**21:02**
Nickel	**231.60**	**2.4**	**40.0**	**2.8**	**B**	**1**	**ICPST**	**1/10/02**	**21:02**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/10/02	21:02
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	21:02
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	13:50
Vanadium	**292.40**	**1.5**	**50.0**	**8.3**	**B**	**1**	**ICPST**	**1/10/02**	**21:02**
Zinc	**213.86**	**1.5**	**20.0**	**10.5**	**B**	**1**	**ICPST**	**1/10/02**	**21:02**

smk 2/10/2002

Comments: Lot #: C1L200346 Sample #: 10

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJA **Client ID:** CO04-PZM048

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/10/02	23:31
Calcium	**317.93**	**12.2**	**5000**	**165000**		**1**	**ICPST**	**1/10/02**	**23:31**
Magnesium	**279.08**	**7.1**	**5000**	**210000**		**1**	**ICPST**	**1/10/02**	**23:31**
Potassium	**766.49**	**519**	**5000**	**34900**		**1**	**ICP**	**1/3/02**	**17:54**
Sodium	**589**	**75.0**	**25000**	**1470000**		**5**	**ICP**	**1/5/02**	**14:51**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	17:54

Comments: Lot #: C1L200346 Sample #: 10

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJC **Client ID:** CO08-PZM036

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**10.6**		B 1	**ICPST**	**1/10/02**	**21:07**
Barium	**493.41**	**0.14**	**200**	**82.6**	~~B~~	J 1	**ICPST**	**1/10/02**	**21:07**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	21:07
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	21:07
Chromium	**267.72**	**1.1**	**5.0**	**2.4**	~~B~~	J 1	**ICPST**	**1/10/02**	**21:07**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	21:07
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/10/02	21:07
Lead	**220.35**	**1.8**	**3.0**	**2.0**	~~B~~	J 1	**ICPST**	**1/10/02**	**21:07**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	21:07
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/10/02	21:07
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	21:07
Thallium	**190.86**	**5.7**	**10.0**	**9.2**	~~B~~	J 1	**ICPST**	**1/11/02**	**13:54**
Vanadium	**292.40**	**1.5**	**50.0**	**34.7**	~~BE~~	J 1	**ICPST**	**1/10/02**	**21:07**
Zinc	**213.86**	**1.5**	**20.0**	**16.0**	~~B~~	J 1	**ICPST**	**1/10/02**	**21:07**

smk 2/8/02

Comments: Lot #: C1L200346 Sample #: 11

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJC **Client ID:** CO08-PZM036

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/10/02	23:35
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	17:57

smk 2/10/2002

Comments: Lot #: C1L200346 Sample #: 11

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJD **Client ID:** CO08-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**3.3**	~~B~~	B 1	**ICPST**	**1/10/02**	**21:11**
Barium	**493.41**	**0.14**	**200**	**209**		**1**	**ICPST**	**1/10/02**	**21:11**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	21:11
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	21:11
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/10/02	21:11
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	21:11
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/10/02	21:11
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/10/02	21:11
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	21:11
Selenium	**220.35**	**3.2**	**5.0**	**8.0**		**1**	**ICPST**	**1/10/02**	**21:11**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	21:11
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	13:59
Vanadium	292.40	1.5	50.0	1.5	~~U~~	1	ICPST	1/10/02	21:11
Zinc	213.86	1.5	20.0	1.8	~~B~~	J 1	ICPST	1/10/02	21:11

smy 2/10/02

Comments: Lot #: C1L200346 Sample #: 12

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJD **Client ID:** CO08-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/10/02	23:39
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	18:00

smt 2/10/02

Comments: Lot #: C1L200346 Sample #: 12

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJF **Client ID:** CO10-PZM029

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**8.0**	~~B~~	~~B~~ 1	**ICPST**	**1/10/02**	**21:16**
Barium	**493.41**	**0.14**	**200**	**446**		1	**ICPST**	**1/10/02**	**21:16**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	21:16
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	21:16
Chromium	**267.72**	**1.1**	**5.0**	**3.9**	~~B~~ J	1	**ICPST**	**1/10/02**	**21:16**
Cobalt	**228.62**	**0.86**	**50.0**	**1.6**	~~B~~ J	1	**ICPST**	**1/10/02**	**21:16**
Copper	**324.75**	**0.77**	**25.0**	**1.0**	~~B~~ B	1	**ICPST**	**1/10/02**	**21:16**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/10/02	21:16
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	21:16
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	9:04
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	21:16
Thallium	**190.86**	**5.7**	**10.0**	**7.3**	~~B~~ J	1	**ICPST**	**1/11/02**	**14:03**
Vanadium	**292.40**	**1.5**	**50.0**	**53.4**	~~E~~ J	1	**ICPST**	**1/10/02**	**21:16**
Zinc	**213.86**	**1.5**	**20.0**	**36.7**		1	**ICPST**	**1/10/02**	**21:16**

SMK 2/10/2002

Comments: Lot #: C1L200346 Sample #: 13

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJF **Client ID:** CO10-PZM029

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/10/02	23:44
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	18:03

smt 2/10/2002

Comments: Lot #: C1L200346 Sample #: 13

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJW **Client ID:** CO04-PZM004

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**2.0**	~~B~~ B	1	**ICPST**	**1/10/02**	**21:20**
Barium	**493.41**	**0.14**	**200**	**37.9**	~~B~~ J	1	**ICPST**	**1/10/02**	**21:20**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	21:20
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	21:20
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/10/02	21:20
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	21:20
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/10/02	21:20
Iron	**271.44**	**45.0**	**100**	**112**		**1**	**ICPST**	**1/10/02**	**21:20**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/10/02	21:20
Manganese	**257.61**	**0.47**	**15.0**	**9.0**	~~B~~ J	1	**ICPST**	**1/10/02**	**21:20**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	21:20
Selenium	**220.35**	**3.2**	**5.0**	**5.9**		**1**	**ICPST**	**1/10/02**	**21:20**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	21:20
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	14:07
Vanadium	292.40	1.5	50.0	1.5	~~U~~ U	1	ICPST	1/10/02	21:20
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/10/02	21:20

Comments: Lot #: C1L200346 Sample #: 14

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJW **Client ID:** CO04-PZM004

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/10/02	23:48
Calcium	**317.93**	**12.2**	**5000**	**196000**		**1**	**ICPST**	**1/10/02**	**23:48**
Magnesium	**279.08**	**7.1**	**5000**	**813**	~~B~~ B	**1**	**ICPST**	**1/10/02**	**23:48**
Potassium	766.49	519	5000	22400		1	ICP	1/3/02	18:06
Sodium	**589**	**15.0**	**5000**	**249000**		**1**	**ICP**	**1/3/02**	**18:06**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	18:06

smL 2/10/02

Comments: Lot #: C1L200346 Sample #: 14

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0RA **Client ID:** CO09-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**3.8**	~~B~~	B 1	**ICPST**	**1/10/02**	**21:42**
Barium	**493.41**	**0.14**	**200**	**45.2**	~~B~~	J 1	**ICPST**	**1/10/02**	**21:42**
Beryllium	**313.04**	**0.40**	**5.0**	**1.3**	~~B~~	B 1	**ICPST**	**1/10/02**	**21:42**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	21:42
Chromium	**267.72**	**1.1**	**5.0**	**5.0**		1	**ICPST**	**1/10/02**	**21:42**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	21:42
Copper	**324.75**	**0.77**	**25.0**	**1.3**	~~B~~	B 1	**ICPST**	**1/10/02**	**21:42**
Iron	**271.44**	**45.0**	**100**	**1210**		1	**ICPST**	**1/10/02**	**21:42**
Lead	**220.35**	**1.8**	**3.0**	**6.0**		1	**ICPST**	**1/10/02**	**21:42**
Manganese	**257.61**	**0.47**	**15.0**	**141**		1	**ICPST**	**1/10/02**	**21:42**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	21:42
Selenium	**220.35**	**3.2**	**5.0**	**3.8**	~~B~~	J 1	**ICPST**	**1/10/02**	**21:42**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	21:42
Thallium	**190.86**	**5.7**	**10.0**	**6.3**	~~B~~	J 1	**ICPST**	**1/11/02**	**14:29**
Vanadium	**292.40**	**1.5**	**50.0**	**601**	~~E~~	J 1	**ICPST**	**1/10/02**	**21:42**
Zinc	**213.86**	**1.5**	**20.0**	**19.5**	~~B~~	J 1	**ICPST**	**1/10/02**	**21:42**

smk 2/6/02

Comments: Lot #: C1L210311 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0RA **Client ID:** CO09-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	0:01
Calcium	317.93	12.2	5000	167000		1	ICPST	1/11/02	0:01
Magnesium	279.08	7.1	5000	247	B	1	ICPST	1/11/02	0:01
Potassium	766.49	519	5000	32800		1	ICP	1/3/02	18:16
Sodium	589	15.0	5000	157000		1	ICP	1/3/02	18:16
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	18:16

2/10/02

Comments: Lot #: C1L210311 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0RQ **Client ID:** CO09-PZM007 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**2.7**	~~B~~	~~J~~ 1	**ICPST**	**1/10/02**	**21:46**
Barium	**493.41**	**0.14**	**200**	**40.7**	~~B~~	J 1	**ICPST**	**1/10/02**	**21:46**
Beryllium	**313.04**	**0.40**	**5.0**	**1.1**	~~B~~	B 1	**ICPST**	1/10/02	21:46
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	21:46
Chromium	**267.72**	**1.1**	**5.0**	**1.2**	~~B~~	J 1	**ICPST**	**1/10/02**	**21:46**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	21:46
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/10/02	21:46
Iron	**271.44**	**45.0**	**100**	**389**		1	**ICPST**	**1/10/02**	**21:46**
Lead	**220.35**	**1.8**	**3.0**	**1.9**	~~B~~	J 1	**ICPST**	**1/10/02**	**21:46**
Manganese	**257.61**	**0.47**	**15.0**	**27.1**		1	**ICPST**	**1/10/02**	**21:46**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	21:46
Selenium	**220.35**	**3.2**	**5.0**	**6.6**		1	**ICPST**	**1/10/02**	**21:46**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	21:46
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	14:34
Vanadium	**292.40**	**1.5**	**50.0**	**558**	~~E~~	J 1	**ICPST**	**1/10/02**	**21:46**
Zinc	**213.86**	**1.5**	**20.0**	**5.4**	~~B~~	J 1	**ICPST**	**1/10/02**	**21:46**

Comments: Lot #: C1L210311 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0RQ **Client ID:** CO09-PZM007 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	0:06
Calcium	**317.93**	**12.2**	**5000**	**165000**		**1**	**ICPST**	**1/11/02**	**0:06**
Magnesium	**279.08**	**7.1**	**5000**	**56.2**	~~B~~ B	**1**	**ICPST**	**1/11/02**	**0:06**
Potassium	**766.49**	**519**	**5000**	**32500**		**1**	**ICP**	**1/3/02**	**18:19**
Sodium	**589**	**15.0**	**5000**	**157000**		**1**	**ICP**	**1/3/02**	**18:19**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	18:19

Comments: Lot #: C1L210311 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0RW **Client ID:** CO21-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	**189.04**	**2.0**	**10.0**	**5.9**	~~B~~ J	1	**ICPST**	**1/10/02**	**21:51**
Barium	**493.41**	**0.14**	**200**	**51.5**	~~B~~ J	1	**ICPST**	**1/10/02**	**21:51**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	21:51
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	21:51
Chromium	**267.72**	**1.1**	**5.0**	**1.4**	~~B~~ J	1	**ICPST**	**1/10/02**	**21:51**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	21:51
Copper	**324.75**	**0.77**	**25.0**	**1.9**	~~B~~ B	1	**ICPST**	**1/10/02**	**21:51**
Iron	**271.44**	**45.0**	**100**	**326**		1	**ICPST**	**1/10/02**	**21:51**
Lead	**220.35**	**1.8**	**3.0**	**13.7**		1	**ICPST**	**1/10/02**	**21:51**
Manganese	**257.61**	**0.47**	**15.0**	**757**		1	**ICPST**	**1/10/02**	**21:51**
Nickel	**231.60**	**2.4**	**40.0**	**5.2**	~~B~~ J	1	**ICPST**	**1/10/02**	**21:51**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/10/02	21:51
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	21:51
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	14:38
Vanadium	**292.40**	**1.5**	**50.0**	**5.4**	~~BE~~ J	1	**ICPST**	**1/10/02**	**21:51**
Zinc	**213.86**	**1.5**	**20.0**	**12.5**	~~B~~ J	1	**ICPST**	**1/10/02**	**21:51**

Comments: Lot #: CIL210311 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0RW **Client ID:** CO21-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	0:19
Calcium	317.93	12.2	5000	253000		1	ICPST	1/11/02	0:19
Magnesium	279.08	7.1	5000	29700		1	ICPST	1/11/02	0:19
Potassium	766.49	519	5000	19900		1	ICP	1/3/02	18:22
Sodium	589	15.0	5000	135000		1	ICP	1/3/02	18:22
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	18:22

Comments: Lot #: C1L210311 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJX **Client ID:** EQUIP BLANK#1

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/10/02	21:24
Barium	**493.41**	**0.14**	**200**	**2.2**	~~B~~ J	**1**	**ICPST**	**1/10/02**	**21:24**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	21:24
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	21:24
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/10/02	21:24
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	21:24
Copper	**324.75**	**0.77**	**25.0**	**0.95**	~~B~~ J	**1**	**ICPST**	**1/10/02**	**21:24**
Iron	271.44	45.0	100	45.0	U	1	ICPST	1/10/02	21:24
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/10/02	21:24
Manganese	257.61	0.47	15.0	0.47	U	1	ICPST	1/10/02	21:24
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	21:24
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/10/02	21:24
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	21:24
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	14:21
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/10/02	21:24
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/10/02	21:24

Comments: Lot #: C1L200346 Sample #: 15

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJX **Client ID:** EQUIP BLANK#1

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/10/02	23:53
Calcium	**317.93**	**12.2**	**5000**	**1000**	~~B~~ J	1	**ICPST**	**1/10/02**	**23:53**
Magnesium	**279.08**	**7.1**	**5000**	**338**	~~B~~ J	1	**ICPST**	**1/10/02**	**23:53**
Potassium	766.49	519	5000	519	U	1	ICP	1/3/02	18:10
Sodium	**589**	**15.0**	**5000**	**500**	~~B~~ J	1	**ICP**	**1/3/02**	**18:10**
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	18:10

Comments: Lot #: C1L200346 Sample #: 15

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJ0 **Client ID:** EQUIP BLANK#2

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004160

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/10/02	21:38
Barium	**493.41**	**0.14**	**200**	**2.0**	~~B~~ J	**1**	**ICPST**	**1/10/02**	**21:38**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/10/02	21:38
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/10/02	21:38
Chromium	**267.72**	**1.1**	**5.0**	**1.4**	~~B~~ J	**1**	**ICPST**	**1/10/02**	**21:38**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/10/02	21:38
Copper	**324.75**	**0.77**	**25.0**	**0.99**	~~B~~ J	**1**	**ICPST**	**1/10/02**	**21:38**
Iron	271.44	45.0	100	45.0	U	1	ICPST	1/10/02	21:38
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/10/02	21:38
Manganese	257.61	0.47	15.0	0.47	U	1	ICPST	1/10/02	21:38
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/10/02	21:38
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/10/02	21:38
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/10/02	21:38
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	14:25
Vanadium	292.40	1.5	50.0	1.5	U~~B~~	1	ICPST	1/10/02	21:38
Zinc	**213.86**	**1.5**	**20.0**	**1.7**	~~B~~ J	**1**	**ICPST**	**1/10/02**	**21:38**

Comments: Lot #: C1L200346 Sample #: 16

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJ0 **Client ID:** EQUIP BLANK#2

Matrix: Water **Units:** ug/L **Prep Date:** 12/28/01 **Prep Batch:** 1362112

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/10/02	23:57
Calcium	317.93	12.2	5000	1020	~~B~~ J	1	ICPST	1/10/02	23:57
Magnesium	279.08	7.1	5000	340	~~B~~ J	1	ICPST	1/10/02	23:57
Potassium	766.49	519	5000	519	U	1	ICP	1/3/02	18:13
Sodium	589	15.0	5000	501	~~B~~ J	1	ICP	1/3/02	18:13
Tin	189.99	28.8	100	28.8	U	1	ICP	1/3/02	18:13

Comments: Lot #: C1L200346 Sample #: 16

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRNC **Client ID:** GL13-PZM012

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/27/01	15:46

Comments: Lot #: C1L190301 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQRNK **Client ID:** GL13-PZM012 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/27/01	15:47

Comments: Lot #: C1L190301 Sample #: 2

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWHQ **Client ID:** CO15-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.24	B	1	CVAA	12/27/01	15:49

Comments: Lot #: C1L200346 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWHX **Client ID:** CO15-PZM005 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.075	~~B~~ B	1	CVAA	12/27/01	15:54

Comments: Lot #: C1L200346 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH0 **Client ID:** CO03-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/27/01	15:58

Comments: Lot #: C1L200346 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH1 **Client ID:** CP06-PZM008 9 1/20/02 Acn

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	1.3		1	CVAA	12/27/01	16:00

Comments: Lot #: C1L200346 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH2 **Client ID:** CP10-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.34	B	1	CVAA	12/27/01	16:02

Comments: Lot #: C1L200346 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH4 **Client ID:** CO10-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/27/01	16:03

Comments: Lot #: C1L200346 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH8 **Client ID:** SW17-PZM038

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/27/01	16:05

Comments: Lot #: C1L200346 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWH9 **Client ID:** SW17-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/27/01	16:07

Comments: Lot #: C1L200346 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJA **Client ID:** CO04-PZM048

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.072	B	1	CVAA	12/27/01	16:08

Comments: Lot #: C1L200346 Sample #: 10

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJC **Client ID:** CO08-PZM036

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/27/01	16:10

Comments: Lot #: C1L200346 Sample #: 11

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJD **Client ID:** CO08-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/27/01	16:11

Comments: Lot #: C1L200346 Sample #: 12

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJF **Client ID:** CO10-PZM029

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.073	B	B1	CVAA	12/27/01	16:13

Comments: Lot #: C1L200346 Sample #: 13

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJW **Client ID:** CO04-PZM004

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/27/01	16:17

Comments: Lot #: C1L200346 Sample #: 14

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0RA **Client ID:** CO09-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.22		1	CVAA	12/27/01	16:22

Comments: Lot #: C1L210311 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0RQ **Client ID:** CO09-PZM007 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.19	~~B~~ B	1	CVAA	12/27/01	16:24

Comments: Lot #: C1L210311 Sample #: 2

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0RW **Client ID:** CO21-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.076	B	1	CVAA	12/27/01	16:25

Comments: Lot #: C1L210311 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJ0 **Client ID:** EQUIP BLANK#2

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.069	B	1	CVAA	12/27/01	16:20

Comments: Lot #: C1L200346 Sample #: 16

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQWJX **Client ID:** EQUIP BLANK#1

Matrix: Water **Units:** ug/L **Prep Date:** 12/27/01 **Prep Batch:** 1361211

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/27/01	16:19

Comments: Lot #: C1L200346 Sample #: 15

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

CH2M Hill BS Sparrows Point

Total Sulfide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: SW846 9030B/9034
Lot Number: C1L190301
Date/Time Received: 12/19/01 9:45:00AM
SDG Number: SPC006

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL13-PZM012	001	EQRNC1A1	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
GL13-PZM012 DUP	002	EQRNK1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355507
CO15-PZM005	001	EQWHQ1A1	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
CO15-PZM005 DUP	002	EQWHX1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
CO03-PZM005	003	EQWH01A1	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
CP06-PZM006	004	EQWH11AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
CP10-PZM008	005	EQWH21AN	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
CO10-PZM006	006	EQWH41AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
SW17-PZM038	008	EQWH81AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
SW17-PZM007	009	EQWH91AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
CO04-PZM048	010	EQWJA1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
CO08-PZM036	011	EQWJC1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
CO08-PZM005	012	EQWJD1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
CO10-PZM029	013	EQWJF1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
CO04-PZM004	014	EQWJW1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
EQUIP BLANK#1	015	EQWJX1AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
EQUIP BLANK#2	016	EQWJ01AC	ND	mg/L	1.0	1	12/21/01 - 12/26/01	1355511
CO09-PZM007	001	EQ0RA1A1	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CO09-PZM007 DUP	002	EQ0RQ1AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CO21-PZM005	003	EQ0RW1AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258

CH2M Hill BS Sparrows Point

Bicarbonate Alkalinity

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 310.1
Lot Number: C1L190301
Date/Time Received: 12/19/01 9:45:00AM
SDG Number: SPC006

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL13-PZM012	001	EQRNC1A4	68.0	mg/L	5.0	1	12/27/01 - 12/27/01	1361497
GL13-PZM012 DUP	002	EQRNK1AF	70.0	mg/L	5.0	1	12/27/01 - 12/27/01	1361497
CO03-PZM005	003	EQWH01A4	471	mg/L	5.0	1	12/31/01 - 12/31/01	1365303
CP06-PZM008 9/12/2002 AD	004	EQWH11AF	ND	mg/L	25.0	5	12/31/01 - 12/31/01	1365303
CP10-PZM008	005	EQWH21AR	ND	mg/L	25.0	5	12/31/01 - 12/31/01	1365303
CO04-PZM048	010	EQWJA1AF	90.3	mg/L	5.0	1	12/31/01 - 12/31/01	1365303
CO04-PZM004	014	EQWJW1AF	ND	mg/L	5.0	1	12/31/01 - 12/31/01	1365303
EQUIP BLANK#1	015	EQWJX1AF	ND	mg/L	5.0	1	12/31/01 - 12/31/01	1365303
EQUIP BLANK#2	016	EQWJ01AF	ND	mg/L	5.0	1	12/31/01 - 12/31/01	1365303
CO09-PZM007	001	EQ0RA1A4	ND	mg/L	5.0	1	1/2/02 - 1/2/02	2002376
CO09-PZM007 DUP	002	EQ0RQ1AF	ND	mg/L	5.0	1	1/2/02 - 1/2/02	2002376
CO21-PZM005	003	EQ0RW1AF	129	mg/L	5.0	1	1/2/02 - 1/2/02	2002376

SMA 1/10/02

CH2M Hill BS Sparrows Point

Available Cyanide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 1677 - Cyani
Lot Number: C1L190301
Date/Time Received: 12/19/01 9:45:00AM
SDG Number: SPC006

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL13-PZM012	001	EQRNC1A0	ND	mg/L	0.020	10	12/31/01 - 12/31/01	2011296
GL13-PZM012 DUP	002	EQRNK1AA	ND	mg/L	0.020	10	12/31/01 - 12/31/01	2011296
CO15-PZM005	001	EQWHQ1A0	0.047 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
CO15-PZM005 DUP	002	EQWHX1AA	0.054 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
CO03-PZM005	003	EQWH01A0	0.13 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
CP06-PZM008 1/20/03 ACD	004	EQWH11AA	0.060 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
CP10-PZM008	005	EQWH21AM	0.0040 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
CO10-PZM006	006	EQWH41AA	0.045 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
SW17-PZM038	008	EQWH81AA	0.066 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
SW17-PZM007	009	EQWH91AA	5.4 J	mg/L	0.050	25	1/2/02 - 1/2/02	2011291
CO04-PZM048	010	EQWJA1AA	0.0050 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
CO08-PZM036	011	EQWJC1AA	6.6 J	mg/L	0.050	25	1/2/02 - 1/2/02	2011291
CO08-PZM005	012	EQWJD1AA	0.062 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
CO10-PZM029	013	EQWJF1AA	0.0080 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
CO04-PZM004	014	EQWJW1AA	1.5 J	mg/L	0.010	5	1/2/02 - 1/2/02	2011291
EQUIP BLANK#1	015	EQWJX1AA	0.0030 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
EQUIP BLANK#2	016	EQWJ01AA	0.0020 J	mg/L	0.0020	1	1/2/02 - 1/2/02	2011291
CO09-PZM007	001	EQ0RA1A0	11.9 J	mg/L	0.10	50	1/3/02 - 1/3/02	2011290
CO09-PZM007 DUP	002	EQ0RQ1AA	11.8 J	mg/L	0.10	50	1/3/02 - 1/3/02	2011290
CO21-PZM005	003	EQ0RW1AA	0.021 J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

smt 1/30/02

CH2M Hill BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L190301
Date/Time Received: 12/19/01 9:45:00AM
SDG Number: SPC006

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL13-PZM012	001	EQRNC1A2	145	mg/L	1.0	1	1/7/02 - 1/7/02	2007287
GL13-PZM012 DUP	002	EQRNK1AD	153	mg/L	1.0	1	1/7/02 - 1/7/02	2007287
CO03-PZM005	003	EQWH01A2	60.9	mg/L	1.0	1	1/7/02 - 1/7/02	2007287
CP06-PZM006 9 1/20/02 ACV	004	EQWH11AD	1120	mg/L	10.0	10	1/7/02 - 1/7/02	2007287
CP10-PZM008	005	EQWH21AP	315	mg/L	10.0	10	1/7/02 - 1/7/02	2007287
CO04-PZM048	010	EQWJA1AD	2580	mg/L	25.0	25	1/7/02 - 1/7/02	2007287
CO04-PZM004	014	EQWJW1AD	182	mg/L	1.0	1	1/7/02 - 1/7/02	2007287
EQUIP BLANK#1	015	EQWJX1AD	ND	mg/L	1.0	1	1/7/02 - 1/7/02	2007287
EQUIP BLANK#2	016	EQWJ01AD	ND	mg/L	1.0	1	1/7/02 - 1/7/02	2007287
CO09-PZM007	001	EQ0RA1A2	185	mg/L	1.0	1	1/9/02 - 1/9/02	2008166
CO09-PZM007 DUP	002	EQ0RQ1AD	192	mg/L	1.0	1	1/9/02 - 1/9/02	2008166
CO21-PZM005	003	EQ0RW1AD	142	mg/L	1.0	1	1/9/02 - 1/9/02	2008166

CH2M Hill BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L190301
Date/Time Received: 12/19/01 9:45:00AM
SDG Number: SPC006

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
GL13-PZM012	001	EQRNC1A3	3870	mg/L	25.0	25	1/7/02 - 1/7/02	2007291
GL13-PZM012 DUP	002	EQRNK1AE	3880	mg/L	25.0	25	1/7/02 - 1/7/02	2007291
CO03-PZM005	003	EQWH01A3	23.2	mg/L	1.0	1	1/7/02 - 1/7/02	2007291
CP06-PZM006 9 1/20/02 AC1)	004	EQWH11AE	113	mg/L	1.0	1	1/7/02 - 1/7/02	2007291
CP10-PZM008	005	EQWH21AQ	9.3	mg/L	1.0	1	1/7/02 - 1/7/02	2007291
CO04-PZM048	010	EQWJA1AE	1000	mg/L	10.0	10	1/7/02 - 1/7/02	2007291
CO04-PZM004	014	EQWJW1AE	476	mg/L	5.0	5	1/7/02 - 1/7/02	2007291
EQUIP BLANK#1	015	EQWJX1AE	2.6	mg/L	1.0	1	1/7/02 - 1/7/02	2007291
EQUIP BLANK#2	016	EQWJ01AE	2.6	mg/L	1.0	1	1/7/02 - 1/7/02	2007291
CO09-PZM007	001	EQ0RA1A3	333	mg/L	5.0	5	1/9/02 - 1/9/02	2008171
CO09-PZM007 DUP	002	EQ0RQ1AE	332	mg/L	5.0	5	1/9/02 - 1/9/02	2008171
CO21-PZM005	003	EQ0RW1AE	776	mg/L	5.0	5	1/9/02 - 1/9/02	2008171

Data Validation Qualifier Code Glossary

B - The compound/analyte was not detected substantially above the level of the associated method blank/preparation or field blank.

J - The positive result reported for this analyte is a quantitative estimate.

U - This compound/analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.

UJ - This compound/analyte was not detected in the sample. The quantitation/detection should be considered estimated and may be inaccurate or imprecise.

R The result for this compound/analyte is unusable. The analyte may or may not be present.

K - The positive result reported for this analyte is a biased high quantitative estimate. The actual result may be lower than reported.

L - The positive result for this analyte is a biased low quantitative estimate. The actual result may be higher than reported.

UL - This compound/analyte was not detected in the sample. The actual quantitation/detection may be higher than reported.

Other Codes:

ND - There were no positive results for this analytical fraction.

NA - This parameter is not applicable to this sample.

NR - This analysis parameter was not required for this sample.

Table 1 Samples For Data Validation Review
Sparrows Point Early Site Characterization
Severn Trent Laboratories Sample Delivery Group SPC007

				ANALYSES : ANALYSES PERFORMED										
SAMPLE I.D.	LABORATORY	DATE	MATRIX	VCTCL	APPVC	SVTCL	APPSVC	CPCB	COPI MET	MET	hloride, Sulfa:bonateAlkali		AVCN	Sulfides
CO05-PZM006-01C	C1L210317003	12/20/2001	Ground Water		X		X	X		X			X	X
CO06-PZM008-01C	C1L210317011	12/20/2001	Ground Water	X		X		X	X		X	X	X	X
CO06-PZM008-01C DUP	C1L210317012	12/20/2001	Ground Water	X		X		X	X		X	X	X	X
CO06-PZM039-01C	C1L210317007	12/20/2001	Ground Water	X		X		X	X		X	X	X	X
CO07-PZM008-01C	C1L220140007	12/21/2001	Ground Water	X		X		X	X		X	X	X	X
CO12-PZM008-01C	C1L220140005	12/21/2001	Ground Water	X		X		X	X		X	X	X	X
CO13-PZM008-01C	C1L210317001	12/20/2001	Ground Water		X		X	X	X		X	X	X	X
CO16-PZM006-01C	C1L220140003	12/21/2001	Ground Water	X		X		X		X			X	X
CO17-PZM005-01C	C1L220140001	12/21/2001	Ground Water	X		X		X		X			X	X
CO18-PZM006-01C	C1L220140002	12/21/2001	Ground Water	X		X		X		X			X	X
CO20-PZM004-01C	C1L210317005	12/20/2001	Ground Water	X		X		X		X			X	X
CO22-PZM005-01C	C1L210317004	12/20/2001	Ground Water	X		X		X	X		X	X	X	X
CO23-PZM008-01C	C1L210317009	12/20/2001	Ground Water	X		X		X		X			X	X
CO24-PZM007-01C	C1L220140006	12/21/2001	Ground Water	X		X		X		X			X	X
CO25-PZM008-01C	C1L210317006	12/20/2001	Ground Water	X		X		X		X			X	X
CO26-PZM007-01C	C1L210317002	12/20/2001	Ground Water	X		X		X	X		X	X	X	X
CP03-PZM008-01C	C1L210317013	12/20/2001	Ground Water	X				X		X			X	X
EB12/20/01COPIMIA	C1L210317008	12/20/2001	Equipment Blank	X		X		X	X		X	X	X	X
EB12/20/01COPIMIB	C1L210317010	12/20/2001	Equipment Blank	X		X		X	X		X	X	X	X
SW18-PZM053-01C	C1L220140004	12/21/2001	Ground Water	X		X		X		X			X	X
TB12/20/01	C1L210317014	12/20/2001	Trip Blank	X										

VCTCL	Volatile Organic Compounds
APPVC	Appendix IX Volatile Organic Compounds
SVTCL	Semivolatile Organic Compounds
APPSVC	Appendix IX Semivolatile Organic Compounds
CPCB	Polychlorinated Biphenyls
COPI MET	COPI Metals
MET	Metals
AVCN	Available Cyanide

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC007
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/22/2002
Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

The chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

4.0 *INSTRUMENT PERFORMANCE*

All criteria were met. No qualifiers were applied.

5.0 *INITIAL AND CONTINUING CALIBRATIONS*

The positive result for 1,1,2,2-tetrachloroethane for sample CO26-PZM008-01C should be a considered quantitative estimate. The continuing calibration precision criterion was exceeded for this compound. This indicates a lack of instrument stability for these compounds. The acetone result has been marked with a "J" qualifier to indicate that it is a quantitative estimate.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

All criteria were met. No qualifiers were applied.

7.0 *SURROGATE COMPOUNDS*

The positive results and/or quantitation limits for volatile organic compounds sample CP03-PZM005-01C should be considered quantitative estimates. The recovery for surrogate compound p-bromofluorobenzene was above the acceptance limits for this sample. The high recovery may be due to the presence of interferences for this sample. The laboratory re-analyzed the sample, and confirmed the unacceptable surrogate recoveries. Positive volatile organic compound results for this sample are marked with "J" qualifiers to indicate that they are quantitative estimates. Quantitation limits are marked "UJ".

8.0 *MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY*

All criteria were met. No qualifiers were applied.

9.0 *FIELD DUPLICATE RESULTS*

Duplicate samples C006-PZM001-01C and C006-PZM001-01C DUP were submitted to the laboratory to evaluate sampling and analytical precision for those organic compounds determined to be present. Results for these duplicate samples are presented in Table 2. Precision is evaluated by calculating the relative percent difference (%RPD) between duplicate pair results. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criteria of twenty percent for volatile detected compounds (and 25 percent for extractable compounds) to evaluate aqueous field duplicate samples.

10.0 *LABORATORY CONTROL SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

11.0 *INTERNAL STANDARD PERFORMANCE*

All criteria were met. No qualifiers were applied.

12.0 *QUALITATIVE IDENTIFICATION*

All criteria were met. No qualifiers were applied.

13.0 *QUANTITATION/REPORTING LIMITS*

The samples presented on page 6 were reanalyzed at dilutions for volatile or semivolatile organic compounds. The dilution analyses were performed because responses for these compounds exceeded the linear range of the GC/MS instrument. The results for the affected compounds have been reported from the diluted analysis. All other results have been reported from the initial analysis.

Sample	Fraction	Dilution Factor	Compound Reported From Dilution Analysis
CO05-PZM006-01C	SVOA	150	Naphthalene
CO06-PZM039-01C	VOA	150	Acetone
CO20-PZM004-01C	SVOA	50.0	Dibenzofuran, Fluorene, 2-Methylnaphthalene, Naphthalene, Phenanthrene
CO17-PZM005-01C	SVOA	20.0	Naphthalene
CO22-PZM005-01C	VOA	25.0	Benzene
CO23-PZM005-01C	SVOA	25.0	Naphthalene
CO25-PZM008-01C	VOA	150	Benzene

The samples presented on Table 3 were analyzed at dilutions. The dilution analyses were performed because of the suspected presence of high levels of target compounds and/or interferences. Quantitation limits are elevated by the dilution factor for these samples for target compounds that were not detected. The elevated quantitation limits should be noted when assessing the data for these samples.

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits (QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

Table 2 Field Duplicate Sample Results for Orrganic Analyses
Ground Water Duplicate Samples CO06-PZM008-01C andCO06-PZM008-01C DUP

Analyte	Sample	Field Duplicate	RPD	Comments
	CO06-PZM008-01C (µg/L)	CO06-PZM008-01C DUP (µg/L)		
Chloroform	14	25	56.4	*

* EDQ Field Duplicate precision criterion was exceeded for this analyte.

Table 3 ***Samples Analyzed at Dilutions***

Sample	Fraction	Dilution Factor
CO05-PZM006-01C	VOA	100
	SVOA	100
CO06-PZM039-01C	VOA	100
CO07-PZM005-01C	VOA	2000
	SVOA	8.0
CO12-PZM008-01C	VOA	5000
	SVOA	50.0
CO13-PZM008-01C	SVOA	400
CO16-PZM008-01C	VOA	5000
	SVOA	5.0
CO17-PZM005-01C	VOA	10000
	SVOA	10.0
CO18-PZM006-01C	VOA	50000
	SVOA	50.0
CO20-PZM004-01C	VOA	10.0
CO22-PZM005-01C	VOA	2.0
	SVOA	50.0

Table 3 *Cont'd*

CO23-PZM005-01C	VOA	25.0
	SVOA	4.0
CO24-PZM007-01C	VOA	5.0
	SVOA	200
CO25-PZM008-01C	VOA	50.0
	SVOA	250
CO26-PZM008-01C	VOA	25.0
C903-PZM005-01C	VOA	2.0
SW18-PZM053	SVOA	2.0

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TL1AA Date Extracted:01/02/02
Dilution factor: 40 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002421

Client Sample Id: CO13-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	400	U
71-43-2	Benzene	960	
75-25-2	Bromoform	40	U
78-93-3	2-Butanone	200	U
75-15-0	Carbon disulfide	40	U
56-23-5	Carbon tetrachloride	40	U
108-90-7	Chlorobenzene	40	U
75-00-3	Chloroethane	80	U
67-66-3	Chloroform	40	U
75-34-3	1,1-Dichloroethane	40	U
107-06-2	1,2-Dichloroethane	40	U
75-35-4	1,1-Dichloroethene	40	U
156-60-5	trans-1,2-Dichloroethene	40	U
78-87-5	1,2-Dichloropropane	40	U
10061-01-5	cis-1,3-Dichloropropene	40	U
10061-02-6	trans-1,3-Dichloropropene	40	U
100-41-4	Ethylbenzene	22	J
591-78-6	2-Hexanone	200	U
75-09-2	Methylene chloride	21	J
108-10-1	4-Methyl-2-pentanone	200	U
630-20-6	1,1,1,2-Tetrachloroethane	40	U
79-34-5	1,1,2,2-Tetrachloroethane	40	U
127-18-4	Tetrachloroethene	40	U
108-88-3	Toluene	880	
71-55-6	1,1,1-Trichloroethane	40	U
79-00-5	1,1,2-Trichloroethane	40	U
79-01-6	Trichloroethene	40	U
75-01-4	Vinyl chloride	80	U

SMK 2/1/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TL1AA Date Extracted:01/02/02
Dilution factor: 40 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002421

Client Sample Id: CO13-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	580	
75-05-8	Acetonitrile	800	U
107-02-8	Acrolein	800	U
107-13-1	Acrylonitrile	800	U
75-27-4	Bromodichloromethane	40	U
74-83-9	Bromomethane	80	U
126-99-8	Chloroprene	40	U
124-48-1	Dibromochloromethane	40	U
96-12-8	1,2-Dibromo-3-chloropropane	40	U
74-87-3	Chloromethane	80	U
107-05-1	Allyl chloride	40	U
74-95-3	Dibromomethane	40	U
110-57-6	trans-1,4-Dichloro-2-butene	40	U
75-71-8	Dichlorodifluoromethane	80	U
123-91-1	1,4-Dioxane	8000	U
97-63-2	Ethyl methacrylate	40	U
75-69-4	Trichlorofluoromethane	80	U
74-88-4	Iodomethane	40	U
78-83-1	Isobutyl alcohol	1600	U
126-98-7	Methacrylonitrile	40	U
80-62-6	Methyl methacrylate	40	U
107-12-0	Propionitrile	80	U
100-42-5	Styrene	40	U
96-18-4	1,2,3-Trichloropropane	40	U
108-05-4	Vinyl acetate	40	U
106-93-4	1,2-Dibromoethane (EDB)	40	U

SMK 2/1/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TN1AM Date Extracted:01/03/02
Dilution factor: 25 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 2003229

Client Sample Id: CO26-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	250	U	
71-43-2	Benzene	500		
75-25-2	Bromoform	25	U	
78-93-3	2-Butanone	120	U	
75-15-0	Carbon disulfide	25	U	
56-23-5	Carbon tetrachloride	25	U	
108-90-7	Chlorobenzene	25	U	
75-00-3	Chloroethane	50	U	
67-66-3	Chloroform	25	U	
75-34-3	1,1-Dichloroethane	25	U	
107-06-2	1,2-Dichloroethane	25	U	
75-35-4	1,1-Dichloroethene	25	U	
156-60-5	trans-1,2-Dichloroethene	25	U	
78-87-5	1,2-Dichloropropane	25	U	
10061-01-5	cis-1,3-Dichloropropene	25	U	
10061-02-6	trans-1,3-Dichloropropene	25	U	
100-41-4	Ethylbenzene	15	J	
591-78-6	2-Hexanone	120	U	
75-09-2	Methylene chloride	50	U	
108-10-1	4-Methyl-2-pentanone	120	U	
630-20-6	1,1,1,2-Tetrachloroethane	25	U	
79-34-5	1,1,2,2-Tetrachloroethane	25	U	J
127-18-4	Tetrachloroethene	25	U	
108-88-3	Toluene	220		
71-55-6	1,1,1-Trichloroethane	25	U	
79-00-5	1,1,2-Trichloroethane	25	U	
79-01-6	Trichloroethene	25	U	
75-01-4	Vinyl chloride	50	U	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TN1AM Date Extracted:01/03/02
Dilution factor: 25 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 2003229

Client Sample Id: CO26-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	400	

smk 2/1/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TQ1AA Date Extracted:01/02/02
Dilution factor: 100 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002421

Client Sample Id: CO05-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	1000	U
71-43-2	Benzene	2100	
75-25-2	Bromoform	100	U
78-93-3	2-Butanone	500	U
75-15-0	Carbon disulfide	100	U
56-23-5	Carbon tetrachloride	100	U
108-90-7	Chlorobenzene	100	U
75-00-3	Chloroethane	200	U
67-66-3	Chloroform	100	U
75-34-3	1,1-Dichloroethane	100	U
107-06-2	1,2-Dichloroethane	100	U
75-35-4	1,1-Dichloroethene	100	U
156-60-5	trans-1,2-Dichloroethene	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
100-41-4	Ethylbenzene	100	U
591-78-6	2-Hexanone	500	U
75-09-2	Methylene chloride	200	U
108-10-1	4-Methyl-2-pentanone	500	U
630-20-6	1,1,1,2-Tetrachloroethane	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
127-18-4	Tetrachloroethene	100	U
108-88-3	Toluene	1700	
71-55-6	1,1,1-Trichloroethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
79-01-6	Trichloroethene	100	U
75-01-4	Vinyl chloride	200	U

SMK 2/1/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TQ1AA Date Extracted:01/02/02
Dilution factor: 100 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002421

Client Sample Id: CO05-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	1200	
75-05-8	Acetonitrile	2000	U
107-02-8	Acrolein	2000	U
107-13-1	Acrylonitrile	2000	U
75-27-4	Bromodichloromethane	100	U
74-83-9	Bromomethane	200	U
126-99-8	Chloroprene	100	U
124-48-1	Dibromochloromethane	100	U
96-12-8	1,2-Dibromo-3-chloropropane	100	U
74-87-3	Chloromethane	200	U
107-05-1	Allyl chloride	100	U
74-95-3	Dibromomethane	100	U
110-57-6	trans-1,4-Dichloro-2-butene	100	U
75-71-8	Dichlorodifluoromethane	200	U
123-91-1	1,4-Dioxane	20000	U
97-63-2	Ethyl methacrylate	100	U
75-69-4	Trichlorofluoromethane	200	U
74-88-4	Iodomethane	100	U
78-83-1	Isobutyl alcohol	4000	U
126-98-7	Methacrylonitrile	100	U
80-62-6	Methyl methacrylate	100	U
107-12-0	Propionitrile	200	U
100-42-5	Styrene	100	U
96-18-4	1,2,3-Trichloropropane	100	U
108-05-4	Vinyl acetate	100	U
106-93-4	1,2-Dibromoethane (EDB)	100	U

SMK 2/1/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TT1AM Date Extracted:12/31/01
Dilution factor: 2 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: CO22-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	9.7	J
71-43-2	Benzene	720	E R
75-25-2	Bromoform	2.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon disulfide	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
108-90-7	Chlorobenzene	2.0	U
75-00-3	Chloroethane	4.0	U
67-66-3	Chloroform	2.0	U
75-34-3	1,1-Dichloroethane	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
100-41-4	Ethylbenzene	21	
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	1.3	J
108-10-1	4-Methyl-2-pentanone	10	U
630-20-6	1,1,1,2-Tetrachloroethane	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
108-88-3	Toluene	11	
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
79-01-6	Trichloroethene	2.0	U
75-01-4	Vinyl chloride	4.0	U

SMM 2/1/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TT1AM Date Extracted:12/31/01
Dilution factor: 2 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: CO22-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	40	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TT2AM Date Extracted:12/31/01
Dilution factor: 25 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: CO22-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	250	U	R
71-43-2	Benzene	560		
75-25-2	Bromoform	25	U	R
78-93-3	2-Butanone	120	U	
75-15-0	Carbon disulfide	25	U	
56-23-5	Carbon tetrachloride	25	U	
108-90-7	Chlorobenzene	25	U	
75-00-3	Chloroethane	50	U	
67-66-3	Chloroform	25	U	
75-34-3	1,1-Dichloroethane	25	U	
107-06-2	1,2-Dichloroethane	25	U	
75-35-4	1,1-Dichloroethene	25	U	
156-60-5	trans-1,2-Dichloroethene	25	U	
78-87-5	1,2-Dichloropropane	25	U	
10061-01-5	cis-1,3-Dichloropropene	25	U	
10061-02-6	trans-1,3-Dichloropropene	25	U	
100-41-4	Ethylbenzene	20		
591-78-6	2-Hexanone	120	U	
75-09-2	Methylene chloride	50	U	
108-10-1	4-Methyl-2-pentanone	120	U	
630-20-6	1,1,1,2-Tetrachloroethane	25	U	
79-34-5	1,1,2,2-Tetrachloroethane	25	U	
127-18-4	Tetrachloroethene	25	U	
108-88-3	Toluene	13		
71-55-6	1,1,1-Trichloroethane	25	U	
79-00-5	1,1,2-Trichloroethane	25	U	
79-01-6	Trichloroethene	25	U	
75-01-4	Vinyl chloride	50	U	

SMK 2/1/2002

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC007

Matrix: (soil/water) WATER Lab Sample ID: C1L210317 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TT2AM Date Extracted: 12/31/01
Dilution factor: 25 Date Analyzed: 12/31/01
Moisture %: NA

QC Batch: 1365228

Client Sample Id: CO22-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	42	U

R

smk 1/10/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TX1AD Date Extracted:01/02/02
Dilution factor: 10 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: CO20-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	100	U
71-43-2	Benzene	220	
75-25-2	Bromoform	10	U
78-93-3	2-Butanone	50	U
75-15-0	Carbon disulfide	10	U
56-23-5	Carbon tetrachloride	10	U
108-90-7	Chlorobenzene	10	U
75-00-3	Chloroethane	20	U
67-66-3	Chloroform	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	Ethylbenzene	4.6	J
591-78-6	2-Hexanone	50	U
75-09-2	Methylene chloride	20	U
108-10-1	4-Methyl-2-pentanone	50	U
630-20-6	1,1,1,2-Tetrachloroethane	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	56	
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	10	U
75-01-4	Vinyl chloride	20	U

smt 2/1/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0TX1AD Date Extracted:01/02/02
Dilution factor: 10 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: CO20-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	42	

SMT 2/1/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0T11AD Date Extracted:01/02/02
Dilution factor: 50 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: CO25-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	500	U	
71-43-2	Benzene	3900	~~U~~	R
75-25-2	Bromoform	50	U	
78-93-3	2-Butanone	250	U	
75-15-0	Carbon disulfide	50	U	
56-23-5	Carbon tetrachloride	50	U	
108-90-7	Chlorobenzene	50	U	
75-00-3	Chloroethane	100	U	
67-66-3	Chloroform	50	U	
75-34-3	1,1-Dichloroethane	50	U	
107-06-2	1,2-Dichloroethane	50	U	
75-35-4	1,1-Dichloroethene	50	U	
156-60-5	trans-1,2-Dichloroethene	50	U	
78-87-5	1,2-Dichloropropane	50	U	
10061-01-5	cis-1,3-Dichloropropene	50	U	
10061-02-6	trans-1,3-Dichloropropene	50	U	
100-41-4	Ethylbenzene	690		
591-78-6	2-Hexanone	250	U	
75-09-2	Methylene chloride	100	U	
108-10-1	4-Methyl-2-pentanone	250	U	
630-20-6	1,1,1,2-Tetrachloroethane	50	U	
79-34-5	1,1,2,2-Tetrachloroethane	50	U	
127-18-4	Tetrachloroethene	50	U	
108-88-3	Toluene	1900		
71-55-6	1,1,1-Trichloroethane	50	U	
79-00-5	1,1,2-Trichloroethane	60		
79-01-6	Trichloroethene	50	U	
75-01-4	Vinyl chloride	100	U	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0T11AD Date Extracted:01/02/02
Dilution factor: 50 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: CO25-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	980	

SMH 2/1/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0T12AD Date Extracted:01/02/02
Dilution factor: 150 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: CO25-PZM008 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	1500	U	R
71-43-2	Benzene	3000		R
75-25-2	Bromoform	150	U	
78-93-3	2-Butanone	750	U	
75-15-0	Carbon disulfide	150	U	
56-23-5	Carbon tetrachloride	150	U	
108-90-7	Chlorobenzene	150	U	
75-00-3	Chloroethane	300	U	
67-66-3	Chloroform	150	U	
75-34-3	1,1-Dichloroethane	150	U	
107-06-2	1,2-Dichloroethane	150	U	
75-35-4	1,1-Dichloroethene	150	U	
156-60-5	trans-1,2-Dichloroethene	150	U	
78-87-5	1,2-Dichloropropane	150	U	
10061-01-5	cis-1,3-Dichloropropene	150	U	
10061-02-6	trans-1,3-Dichloropropene	150	U	
100-41-4	Ethylbenzene	150	U	
591-78-6	2-Hexanone	750	U	
75-09-2	Methylene chloride	300	U	
108-10-1	4-Methyl-2-pentanone	750	U	
630-20-6	1,1,1,2-Tetrachloroethane	150	U	
79-34-5	1,1,2,2-Tetrachloroethane	150	U	
127-18-4	Tetrachloroethene	150	U	
108-88-3	Toluene	1900		
71-55-6	1,1,1-Trichloroethane	150	U	
79-00-5	1,1,2-Trichloroethane	150	U	
79-01-6	Trichloroethene	150	U	
75-01-4	Vinyl chloride	300	U	

FORM I

smt 2/17/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0T12AD Date Extracted:01/02/02
Dilution factor: 150 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: CO25-PZM008 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	870		R

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0T41AM Date Extracted:12/31/01
Dilution factor: 100 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: CO06-PZM039

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	8400	E R
71-43-2	Benzene	100	U
75-25-2	Bromoform	100	U
78-93-3	2-Butanone	500	U
75-15-0	Carbon disulfide	100	U
56-23-5	Carbon tetrachloride	100	U
108-90-7	Chlorobenzene	100	U
75-00-3	Chloroethane	200	U
67-66-3	Chloroform	100	U
75-34-3	1,1-Dichloroethane	100	U
107-06-2	1,2-Dichloroethane	100	U
75-35-4	1,1-Dichloroethene	100	U
156-60-5	trans-1,2-Dichloroethene	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
100-41-4	Ethylbenzene	100	U
591-78-6	2-Hexanone	500	U
75-09-2	Methylene chloride	200	U
108-10-1	4-Methyl-2-pentanone	500	U
630-20-6	1,1,1,2-Tetrachloroethane	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
127-18-4	Tetrachloroethene	100	U
108-88-3	Toluene	100	U
71-55-6	1,1,1-Trichloroethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
79-01-6	Trichloroethene	100	U
75-01-4	Vinyl chloride	200	U

SMC 2/1/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0T41AM Date Extracted:12/31/01
Dilution factor: 100 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: CO06-PZM039

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	300	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0T42AM Date Extracted:01/02/02
Dilution factor: 150 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: CO06-PZM039 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	6900		R
71-43-2	Benzene	160		
75-25-2	Bromoform	150	U	
78-93-3	2-Butanone	750	U	
75-15-0	Carbon disulfide	150	U	
56-23-5	Carbon tetrachloride	150	U	
108-90-7	Chlorobenzene	150	U	
75-00-3	Chloroethane	300	U	
67-66-3	Chloroform	150	U	
75-34-3	1,1-Dichloroethane	150	U	
107-06-2	1,2-Dichloroethane	150	U	
75-35-4	1,1-Dichloroethene	150	U	
156-60-5	trans-1,2-Dichloroethene	150	U	
78-87-5	1,2-Dichloropropane	150	U	
10061-01-5	cis-1,3-Dichloropropene	150	U	
10061-02-6	trans-1,3-Dichloropropene	150	U	
100-41-4	Ethylbenzene	150	U	
591-78-6	2-Hexanone	750	U	
75-09-2	Methylene chloride	300	U	
108-10-1	4-Methyl-2-pentanone	750	U	
630-20-6	1,1,1,2-Tetrachloroethane	150	U	
79-34-5	1,1,2,2-Tetrachloroethane	150	U	
127-18-4	Tetrachloroethene	150	U	
108-88-3	Toluene	45	J	
71-55-6	1,1,1-Trichloroethane	150	U	
79-00-5	1,1,2-Trichloroethane	150	U	
79-01-6	Trichloroethene	150	U	
75-01-4	Vinyl chloride	300	U	

2/11/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0T42AM Date Extracted:01/02/02
Dilution factor: 150 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: CO06-PZM039 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	450	

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Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0VD1AM Date Extracted:12/31/01
Dilution factor: 1 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 008
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0VD1AM Date Extracted:12/31/01
Dilution factor: 1 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0VL1AD Date Extracted:12/31/01
Dilution factor: 25 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: CO23-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	250	U
71-43-2	Benzene	610	
75-25-2	Bromoform	25	U
78-93-3	2-Butanone	120	U
75-15-0	Carbon disulfide	25	U
56-23-5	Carbon tetrachloride	25	U
108-90-7	Chlorobenzene	25	U
75-00-3	Chloroethane	50	U
67-66-3	Chloroform	25	U
75-34-3	1,1-Dichloroethane	25	U
107-06-2	1,2-Dichloroethane	25	U
75-35-4	1,1-Dichloroethene	25	U
156-60-5	trans-1,2-Dichloroethene	25	U
78-87-5	1,2-Dichloropropane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
100-41-4	Ethylbenzene	8.5	J
591-78-6	2-Hexanone	120	U
75-09-2	Methylene chloride	50	U
108-10-1	4-Methyl-2-pentanone	120	U
630-20-6	1,1,1,2-Tetrachloroethane	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
127-18-4	Tetrachloroethene	25	U
108-88-3	Toluene	32	
71-55-6	1,1,1-Trichloroethane	25	U
79-00-5	1,1,2-Trichloroethane	25	U
79-01-6	Trichloroethene	25	U
75-01-4	Vinyl chloride	50	U

smh 2/1/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 009
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0VL1AD Date Extracted:12/31/01
Dilution factor: 25 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: CO23-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	76	

sm 1/7/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0VT1AM Date Extracted:12/31/01
Dilution factor: 1 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: EQUIP BLANK#4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	3.5	J
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smh 2/1/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 010
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0VT1AM Date Extracted:12/31/01
Dilution factor: 1 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: EQUIP BLANK#4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 011
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0VX1CA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: CO06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	14	
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 011
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0VX1CA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: CO06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 012
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0V61AM Date Extracted:12/31/01
Dilution factor: 1 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: C006-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	25	
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMT 2/1/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 012
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0V61AM Date Extracted:12/31/01
Dilution factor: 1 Date Analyzed: 12/31/01
Moisture %:NA

QC Batch: 1365228

Client Sample Id: C006-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 013
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0V91AA Date Extracted:01/02/02
Dilution factor: 2 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: CP03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	20	U
71-43-2	**Benzene**	**43**	
75-25-2	Bromoform	2.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon disulfide	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
108-90-7	Chlorobenzene	2.0	U
75-00-3	Chloroethane	4.0	U
67-66-3	Chloroform	2.0	U
75-34-3	1,1-Dichloroethane	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
100-41-4	Ethylbenzene	2.0	U
591-78-6	2-Hexanone	10	U
75-09-2	Methylene chloride	4.0	U
108-10-1	4-Methyl-2-pentanone	10	U
630-20-6	1,1,1,2-Tetrachloroethane	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
108-88-3	**Toluene**	**33**	
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
79-01-6	Trichloroethene	2.0	U
75-01-4	Vinyl chloride	4.0	U

SMR 2/12/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 013
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0V91AA Date Extracted:01/02/02
Dilution factor: 2 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: CP03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
1330-20-7	Xylenes (total)	45		J

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 013
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0V92AA Date Extracted:01/02/02
Dilution factor: 2 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: CP03-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
67-64-1	Acetone	20	U	R
71-43-2	Benzene	42		
75-25-2	Bromoform	2.0	U	
78-93-3	2-Butanone	10	U	
75-15-0	Carbon disulfide	2.0	U	
56-23-5	Carbon tetrachloride	2.0	U	
108-90-7	Chlorobenzene	2.0	U	
75-00-3	Chloroethane	4.0	U	
67-66-3	Chloroform	2.0	U	
75-34-3	1,1-Dichloroethane	2.0	U	
107-06-2	1,2-Dichloroethane	2.0	U	
75-35-4	1,1-Dichloroethene	2.0	U	
156-60-5	trans-1,2-Dichloroethene	2.0	U	
78-87-5	1,2-Dichloropropane	2.0	U	
10061-01-5	cis-1,3-Dichloropropene	2.0	U	
10061-02-6	trans-1,3-Dichloropropene	2.0	U	
100-41-4	Ethylbenzene	26		
591-78-6	2-Hexanone	10	U	
75-09-2	Methylene chloride	4.0	U	
108-10-1	4-Methyl-2-pentanone	10	U	
630-20-6	1,1,1,2-Tetrachloroethane	2.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	
127-18-4	Tetrachloroethene	2.0	U	
108-88-3	Toluene	32		
71-55-6	1,1,1-Trichloroethane	2.0	U	
79-00-5	1,1,2-Trichloroethane	2.0	U	
79-01-6	Trichloroethene	2.0	U	
75-01-4	Vinyl chloride	4.0	U	

smk 2/1/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 013
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0V92AA Date Extracted:01/02/02
Dilution factor: 2 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: CP03-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	41	

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FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 014
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0WK1AA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

FORM I

SMH 2/11/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 014
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0WK1AA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K11AA Date Extracted:01/02/02
Dilution factor: 10000 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: CO17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	100000	U
71-43-2	Benzene	200000	
75-25-2	Bromoform	10000	U
78-93-3	2-Butanone	50000	U
75-15-0	Carbon disulfide	10000	U
56-23-5	Carbon tetrachloride	10000	U
108-90-7	Chlorobenzene	10000	U
75-00-3	Chloroethane	20000	U
67-66-3	Chloroform	10000	U
75-34-3	1,1-Dichloroethane	10000	U
107-06-2	1,2-Dichloroethane	10000	U
75-35-4	1,1-Dichloroethene	10000	U
156-60-5	trans-1,2-Dichloroethene	10000	U
78-87-5	1,2-Dichloropropane	10000	U
10061-01-5	cis-1,3-Dichloropropene	10000	U
10061-02-6	trans-1,3-Dichloropropene	10000	U
100-41-4	Ethylbenzene	10000	U
591-78-6	2-Hexanone	50000	U
75-09-2	Methylene chloride	20000	U
108-10-1	4-Methyl-2-pentanone	50000	U
630-20-6	1,1,1,2-Tetrachloroethane	10000	U
79-34-5	1,1,2,2-Tetrachloroethane	10000	U
127-18-4	Tetrachloroethene	10000	U
108-88-3	Toluene	15000	
71-55-6	1,1,1-Trichloroethane	10000	U
79-00-5	1,1,2-Trichloroethane	10000	U
79-01-6	Trichloroethene	10000	U
75-01-4	Vinyl chloride	20000	U

smt 2/1/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K11AA Date Extracted:01/02/02
Dilution factor: 10000 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: CO17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	30000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K21AD Date Extracted:01/02/02
Dilution factor: 50000 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: CO18-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	500000	U
71-43-2	Benzene	1300000	
75-25-2	Bromoform	50000	U
78-93-3	2-Butanone	250000	U
75-15-0	Carbon disulfide	50000	U
56-23-5	Carbon tetrachloride	50000	U
108-90-7	Chlorobenzene	50000	U
75-00-3	Chloroethane	100000	U
67-66-3	Chloroform	50000	U
75-34-3	1,1-Dichloroethane	50000	U
107-06-2	1,2-Dichloroethane	50000	U
75-35-4	1,1-Dichloroethene	50000	U
156-60-5	trans-1,2-Dichloroethene	50000	U
78-87-5	1,2-Dichloropropane	50000	U
10061-01-5	cis-1,3-Dichloropropene	50000	U
10061-02-6	trans-1,3-Dichloropropene	50000	U
100-41-4	Ethylbenzene	50000	U
591-78-6	2-Hexanone	250000	U
75-09-2	Methylene chloride	100000	U
108-10-1	4-Methyl-2-pentanone	250000	U
630-20-6	1,1,1,2-Tetrachloroethane	50000	U
79-34-5	1,1,2,2-Tetrachloroethane	50000	U
127-18-4	Tetrachloroethene	50000	U
108-88-3	Toluene	92000	
71-55-6	1,1,1-Trichloroethane	50000	U
79-00-5	1,1,2-Trichloroethane	50000	U
79-01-6	Trichloroethene	50000	U
75-01-4	Vinyl chloride	100000	U

SMK 2/1/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K21AD Date Extracted:01/02/02
Dilution factor: 50000 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: CO18-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	150000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K31AD Date Extracted:01/02/02
Dilution factor: 5000 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: CO16-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	50000	U
71-43-2	Benzene	200000	
75-25-2	Bromoform	5000	U
78-93-3	2-Butanone	25000	U
75-15-0	Carbon disulfide	5000	U
56-23-5	Carbon tetrachloride	5000	U
108-90-7	Chlorobenzene	5000	U
75-00-3	Chloroethane	10000	U
67-66-3	Chloroform	5000	U
75-34-3	1,1-Dichloroethane	5000	U
107-06-2	1,2-Dichloroethane	5000	U
75-35-4	1,1-Dichloroethene	5000	U
156-60-5	trans-1,2-Dichloroethene	5000	U
78-87-5	1,2-Dichloropropane	5000	U
10061-01-5	cis-1,3-Dichloropropene	5000	U
10061-02-6	trans-1,3-Dichloropropene	5000	U
100-41-4	Ethylbenzene	1200	J
591-78-6	2-Hexanone	25000	U
75-09-2	Methylene chloride	10000	U
108-10-1	4-Methyl-2-pentanone	25000	U
630-20-6	1,1,1,2-Tetrachloroethane	5000	U
79-34-5	1,1,2,2-Tetrachloroethane	5000	U
127-18-4	Tetrachloroethene	5000	U
108-88-3	Toluene	15000	
71-55-6	1,1,1-Trichloroethane	5000	U
79-00-5	1,1,2-Trichloroethane	5000	U
79-01-6	Trichloroethene	5000	U
75-01-4	Vinyl chloride	10000	U

smk 2/7/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K31AD Date Extracted:01/02/02
Dilution factor: 5000 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: CO16-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	4700	J

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K41AD Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: SW18-PZM053

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	20	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.4	
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

smt 2/1/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K41AD Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: SW18-PZM053

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K51AD Date Extracted:01/02/02
Dilution factor: 25 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: CO12-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	250	U
71-43-2	Benzene	590	
75-25-2	Bromoform	25	U
78-93-3	2-Butanone	120	U
75-15-0	Carbon disulfide	25	U
56-23-5	Carbon tetrachloride	25	U
108-90-7	Chlorobenzene	25	U
75-00-3	Chloroethane	50	U
67-66-3	Chloroform	25	U
75-34-3	1,1-Dichloroethane	25	U
107-06-2	1,2-Dichloroethane	25	U
75-35-4	1,1-Dichloroethene	25	U
156-60-5	trans-1,2-Dichloroethene	25	U
78-87-5	1,2-Dichloropropane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
100-41-4	Ethylbenzene	15	J
591-78-6	2-Hexanone	120	U
75-09-2	Methylene chloride	50	U
108-10-1	4-Methyl-2-pentanone	120	U
630-20-6	1,1,1,2-Tetrachloroethane	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
127-18-4	Tetrachloroethene	25	U
108-88-3	Toluene	200	
71-55-6	1,1,1-Trichloroethane	25	U
79-00-5	1,1,2-Trichloroethane	25	U
79-01-6	Trichloroethene	25	U
75-01-4	Vinyl chloride	50	U

SMJ 2/1/2002

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K51AD Date Extracted:01/02/02
Dilution factor: 25 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: CO12-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	280	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K61AA Date Extracted:01/02/02
Dilution factor: 5 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: CO24-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	23	J
71-43-2	Benzene	110	
75-25-2	Bromoform	5.0	U
78-93-3	2-Butanone	25	U
75-15-0	Carbon disulfide	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	15	
591-78-6	2-Hexanone	25	U
75-09-2	Methylene chloride	10	U
108-10-1	4-Methyl-2-pentanone	25	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	46	
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K61AA Date Extracted:01/02/02
Dilution factor: 5 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: CO24-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	44	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K71AM Date Extracted:01/02/02
Dilution factor: 2000 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002140

Client Sample Id: CO07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	13000	J
71-43-2	Benzene	42000	
75-25-2	Bromoform	2000	U
78-93-3	2-Butanone	10000	U
75-15-0	Carbon disulfide	2000	U
56-23-5	Carbon tetrachloride	2000	U
108-90-7	Chlorobenzene	2000	U
75-00-3	Chloroethane	4000	U
67-66-3	Chloroform	2000	U
75-34-3	1,1-Dichloroethane	2000	U
107-06-2	1,2-Dichloroethane	2000	U
75-35-4	1,1-Dichloroethene	2000	U
156-60-5	trans-1,2-Dichloroethene	2000	U
78-87-5	1,2-Dichloropropane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
10061-02-6	trans-1,3-Dichloropropene	2000	U
100-41-4	Ethylbenzene	2000	U
591-78-6	2-Hexanone	10000	U
75-09-2	Methylene chloride	4000	U
108-10-1	4-Methyl-2-pentanone	10000	U
630-20-6	1,1,1,2-Tetrachloroethane	2000	U
79-34-5	1,1,2,2-Tetrachloroethane	2000	U
127-18-4	Tetrachloroethene	2000	U
108-88-3	Toluene	4900	
71-55-6	1,1,1-Trichloroethane	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
79-01-6	Trichloroethene	2000	U
75-01-4	Vinyl chloride	4000	U

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC007

Matrix: (soil/water) WATER Lab Sample ID: C1L220140 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K71AM Date Extracted: 01/02/02
Dilution factor: 2000 Date Analyzed: 01/02/02
Moisture %: NA

QC Batch: 2002140

Client Sample Id: CO07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	6000	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TL1AC Date Extracted:12/26/01
Dilution factor: 400 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO13-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	4000	U
208-96-8	Acenaphthylene	1900	J
120-12-7	Anthracene	660	J
56-55-3	Benzo(a)anthracene	700	J
205-99-2	Benzo(b)fluoranthene	4000	U
207-08-9	Benzo(k)fluoranthene	460	J
191-24-2	Benzo(ghi)perylene	4000	U
50-32-8	Benzo(a)pyrene	440	J
111-91-1	bis(2-Chloroethoxy)methane	4000	U
111-44-4	bis(2-Chloroethyl) ether	4000	U
117-81-7	bis(2-Ethylhexyl) phthalate	4000	U
101-55-3	4-Bromophenyl phenyl ether	4000	U
85-68-7	Butyl benzyl phthalate	4000	U
59-50-7	4-Chloro-3-methylphenol	4000	U
91-58-7	2-Chloronaphthalene	4000	U
95-57-8	2-Chlorophenol	4000	U
7005-72-3	4-Chlorophenyl phenyl ether	4000	U
218-01-9	Chrysene	590	J
53-70-3	Dibenz(a,h)anthracene	4000	U
132-64-9	Dibenzofuran	900	J
84-74-2	Di-n-butyl phthalate	4000	U
95-50-1	1,2-Dichlorobenzene	4000	U
541-73-1	1,3-Dichlorobenzene	4000	U
106-46-7	1,4-Dichlorobenzene	4000	U
91-94-1	3,3'-Dichlorobenzidine	20000	U
120-83-2	2,4-Dichlorophenol	4000	U
84-66-2	Diethyl phthalate	4000	U
119-93-7	3,3'-Dimethylbenzidine	20000	U

smk 2/1/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TL1AC Date Extracted:12/26/01
Dilution factor: 400 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO13-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	4000	U
131-11-3	Dimethyl phthalate	4000	U
117-84-0	Di-n-octyl phthalate	4000	U
534-52-1	4,6-Dinitro-2-methylphenol	20000	U
51-28-5	2,4-Dinitrophenol	20000	U
121-14-2	2,4-Dinitrotoluene	4000	U
606-20-2	2,6-Dinitrotoluene	4000	U
206-44-0	**Fluoranthene**	**1500**	**J**
86-73-7	**Fluorene**	**1100**	**J**
118-74-1	Hexachlorobenzene	4000	U
87-68-3	Hexachlorobutadiene	4000	U
77-47-4	Hexachlorocyclopentadiene	20000	U
67-72-1	Hexachloroethane	4000	U
193-39-5	Indeno(1,2,3-cd)pyrene	4000	U
78-59-1	Isophorone	4000	U
91-57-6	**2-Methylnaphthalene**	**2500**	**J**
95-48-7	2-Methylphenol	4000	U
106-44-5	4-Methylphenol	4000	U
91-20-3	**Naphthalene**	**22000**	
98-95-3	Nitrobenzene	4000	U
88-75-5	2-Nitrophenol	4000	U
100-02-7	4-Nitrophenol	20000	U
76-01-7	Pentachloroethane	20000	U
87-86-5	Pentachlorophenol	20000	U
85-01-8	**Phenanthrene**	**2600**	**J**
108-95-2	Phenol	4000	U
129-00-0	**Pyrene**	**1100**	**J**
110-86-1	Pyridine	8000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TL1AC Date Extracted:12/26/01
Dilution factor: 400 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO13-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	4000	U
95-95-4	2,4,5-Trichlorophenol	4000	U
88-06-2	2,4,6-Trichlorophenol	4000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	8000	U
98-86-2	Acetophenone	4000	U
53-96-3	2-Acetylaminofluorene	8000	U
92-67-1	4-Aminobiphenyl	20000	U
62-53-3	Aniline	4000	U
140-57-8	Aramite (total)	20000	U
100-51-6	Benzyl alcohol	4000	U
106-47-8	4-Chloroaniline	4000	U
87-65-0	2,6-Dichlorophenol	4000	U
60-11-7	p-Dimethylaminoazobenzene	8000	U
57-97-6	7,12-Dimethylbenz(a)anthrace	8000	U
122-09-8	alpha,alpha-Dimethylphenethy	20000	U
99-65-0	1,3-Dinitrobenzene	4000	U
88-85-7	Dinoseb	8000	U
122-39-4	Diphenylamine	4000	U
62-50-0	Ethyl methanesulfonate	4000	U
1888-71-7	Hexachloropropene	40000	U
120-58-1	Isosafrole	8000	U
91-80-5	Methapyrilene	20000	U
95-53-4	o-Toluidine	8000	U
56-49-5	3-Methylcholanthrene	20000	U
66-27-3	Methyl methanesulfonate	4000	U
130-15-4	1,4-Naphthoquinone	20000	U
134-32-7	1-Naphthylamine	4000	U
91-59-8	2-Naphthylamine	4000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TL1AC Date Extracted:12/26/01
Dilution factor: 400 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO13-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
88-74-4	2-Nitroaniline	20000	U
99-09-2	3-Nitroaniline	20000	U
100-01-6	4-Nitroaniline	20000	U
56-57-5	4-Nitroquinoline-1-oxide	40000	U
924-16-3	N-Nitrosodi-n-butylamine	4000	U
55-18-5	N-Nitrosodiethylamine	4000	U
62-75-9	N-Nitrosodimethylamine	4000	U
621-64-7	N-Nitrosodi-n-propylamine	4000	U
86-30-6	N-Nitrosodiphenylamine	4000	U
10595-95-6	N-Nitrosomethylethylamine	4000	U
59-89-2	N-Nitrosomorpholine	4000	U
100-75-4	N-Nitrosopiperidine	4000	U
930-55-2	N-Nitrosopyrrolidine	4000	U
99-55-8	5-Nitro-o-toluidine	8000	U
608-93-5	Pentachlorobenzene	4000	U
82-68-8	Pentachloronitrobenzene	20000	U
62-44-2	Phenacetin	8000	U
106-50-3	p-Phenylene diamine	80000	U
109-06-8	**2-Picoline**	**980**	**J**
23950-58-5	Pronamide	8000	U
94-59-7	Safrole	8000	U
95-94-3	1,2,4,5-Tetrachlorobenzene	4000	U
58-90-2	2,3,4,6-Tetrachlorophenol	4000	U
99-35-4	1,3,5-Trinitrobenzene	20000	U

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TL1AC Date Extracted:12/26/01
Dilution factor: 400 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO13-PZM008

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TN1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO26-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	**Benzo(a)anthracene**	**0.93**	**J**
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	**Chrysene**	**0.88**	**J**
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U



Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TN1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO26-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**2.4**	**J**
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**0.86**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**2.7**	**J**
108-95-2	Phenol	10	U
129-00-0	**Pyrene**	**1.9**	**J**
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TN1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO26-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TQ1AC Date Extracted:12/26/01
Dilution factor: 100 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO05-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1000	U
208-96-8	Acenaphthylene	1000	U
120-12-7	Anthracene	1000	U
56-55-3	Benzo(a)anthracene	1000	U
205-99-2	Benzo(b)fluoranthene	1000	U
207-08-9	Benzo(k)fluoranthene	1000	U
191-24-2	Benzo(ghi)perylene	1000	U
50-32-8	Benzo(a)pyrene	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
111-44-4	bis(2-Chloroethyl) ether	1000	U
117-81-7	bis(2-Ethylhexyl) phthalate	1000	U
101-55-3	4-Bromophenyl phenyl ether	1000	U
85-68-7	Butyl benzyl phthalate	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
95-57-8	2-Chlorophenol	1000	U
7005-72-3	4-Chlorophenyl phenyl ether	1000	U
218-01-9	Chrysene	1000	U
53-70-3	Dibenz(a,h)anthracene	1000	U
132-64-9	Dibenzofuran	100	J
84-74-2	Di-n-butyl phthalate	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
91-94-1	3,3'-Dichlorobenzidine	5000	U
120-83-2	2,4-Dichlorophenol	1000	U
84-66-2	Diethyl phthalate	1000	U
119-93-7	3,3'-Dimethylbenzidine	5000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TQ1AC Date Extracted:12/26/01
Dilution factor: 100 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO05-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	550	J	
131-11-3	Dimethyl phthalate	1000	U	
117-84-0	Di-n-octyl phthalate	1000	U	
534-52-1	4,6-Dinitro-2-methylphenol	5000	U	
51-28-5	2,4-Dinitrophenol	5000	U	
121-14-2	2,4-Dinitrotoluene	1000	U	
606-20-2	2,6-Dinitrotoluene	1000	U	
206-44-0	Fluoranthene	1000	U	
86-73-7	Fluorene	95	J	
118-74-1	Hexachlorobenzene	1000	U	
87-68-3	Hexachlorobutadiene	1000	U	
77-47-4	Hexachlorocyclopentadiene	5000	U	
67-72-1	Hexachloroethane	1000	U	
193-39-5	Indeno(1,2,3-cd)pyrene	1000	U	
78-59-1	Isophorone	1000	U	
91-57-6	2-Methylnaphthalene	270	J	
95-48-7	2-Methylphenol	340	J	
106-44-5	4-Methylphenol	640	J	R
91-20-3	Naphthalene	8500	E	
98-95-3	Nitrobenzene	1000	U	
88-75-5	2-Nitrophenol	1000	U	
100-02-7	4-Nitrophenol	5000	U	
76-01-7	Pentachloroethane	5000	U	
87-86-5	Pentachlorophenol	5000	U	
85-01-8	Phenanthrene	120	J	
108-95-2	Phenol	370	J	
129-00-0	Pyrene	1000	U	
110-86-1	Pyridine	2000	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TQ1AC Date Extracted:12/26/01
Dilution factor: 100 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO05-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	1000	U
95-95-4	2,4,5-Trichlorophenol	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2000	U
98-86-2	Acetophenone	1000	U
53-96-3	2-Acetylaminofluorene	2000	U
92-67-1	4-Aminobiphenyl	5000	U
62-53-3	Aniline	1000	U
140-57-8	Aramite (total)	5000	U
100-51-6	Benzyl alcohol	1000	U
106-47-8	4-Chloroaniline	1000	U
87-65-0	2,6-Dichlorophenol	1000	U
60-11-7	p-Dimethylaminoazobenzene	2000	U
57-97-6	7,12-Dimethylbenz(a)anthrace	2000	U
122-09-8	alpha,alpha-Dimethylphenethy	5000	U
99-65-0	1,3-Dinitrobenzene	1000	U
88-85-7	Dinoseb	2000	U
122-39-4	Diphenylamine	1000	U
62-50-0	Ethyl methanesulfonate	1000	U
1888-71-7	Hexachloropropene	10000	U
120-58-1	Isosafrole	2000	U
91-80-5	Methapyrilene	5000	U
95-53-4	o-Toluidine	2000	U
56-49-5	3-Methylcholanthrene	5000	U
66-27-3	Methyl methanesulfonate	1000	U
130-15-4	1,4-Naphthoquinone	5000	U
134-32-7	1-Naphthylamine	1000	U
91-59-8	2-Naphthylamine	1000	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TQ1AC Date Extracted:12/26/01
Dilution factor: 100 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO05-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
88-74-4	2-Nitroaniline	5000	
99-09-2	3-Nitroaniline	5000	
100-01-6	4-Nitroaniline	5000	
56-57-5	4-Nitroquinoline-1-oxide	10000	
924-16-3	N-Nitrosodi-n-butylamine	1000	
55-18-5	N-Nitrosodiethylamine	1000	
62-75-9	N-Nitrosodimethylamine	1000	
621-64-7	N-Nitrosodi-n-propylamine	1000	
86-30-6	N-Nitrosodiphenylamine	1000	
10595-95-6	N-Nitrosomethylethylamine	1000	
59-89-2	N-Nitrosomorpholine	1000	
100-75-4	N-Nitrosopiperidine	1000	
930-55-2	N-Nitrosopyrrolidine	1000	
99-55-8	5-Nitro-o-toluidine	2000	
608-93-5	Pentachlorobenzene	1000	
82-68-8	Pentachloronitrobenzene	5000	
62-44-2	Phenacetin	2000	
106-50-3	p-Phenylene diamine	20000	
109-06-8	2-Picoline	2000	
23950-58-5	Pronamide	2000	
94-59-7	Safrole	2000	
95-94-3	1,2,4,5-Tetrachlorobenzene	1000	
58-90-2	2,3,4,6-Tetrachlorophenol	1000	
99-35-4	1,3,5-Trinitrobenzene	5000	

R U

FORM I

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TQ1AC Date Extracted:12/26/01
Dilution factor: 100 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO05-PZM006

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TQ2AC Date Extracted:12/26/01
Dilution factor: 150 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO05-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1500	U
208-96-8	Acenaphthylene	1500	U
120-12-7	Anthracene	1500	U
56-55-3	Benzo(a)anthracene	1500	U
205-99-2	Benzo(b)fluoranthene	1500	U
207-08-9	Benzo(k)fluoranthene	1500	U
191-24-2	Benzo(ghi)perylene	1500	U
50-32-8	Benzo(a)pyrene	1500	U
111-91-1	bis(2-Chloroethoxy)methane	1500	U
111-44-4	bis(2-Chloroethyl) ether	1500	U
117-81-7	bis(2-Ethylhexyl) phthalate	1500	U
101-55-3	4-Bromophenyl phenyl ether	1500	U
85-68-7	Butyl benzyl phthalate	1500	U
59-50-7	4-Chloro-3-methylphenol	1500	U
91-58-7	2-Chloronaphthalene	1500	U
95-57-8	2-Chlorophenol	1500	U
7005-72-3	4-Chlorophenyl phenyl ether	1500	U
218-01-9	Chrysene	1500	U
53-70-3	Dibenz(a,h)anthracene	1500	U
132-64-9	Dibenzofuran	1500	U
84-74-2	Di-n-butyl phthalate	1500	U
95-50-1	1,2-Dichlorobenzene	1500	U
541-73-1	1,3-Dichlorobenzene	1500	U
106-46-7	1,4-Dichlorobenzene	1500	U
91-94-1	3,3'-Dichlorobenzidine	7500	U
120-83-2	2,4-Dichlorophenol	1500	U
84-66-2	Diethyl phthalate	1500	U
119-93-7	3,3'-Dimethylbenzidine	7500	U

R

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TQ2AC Date Extracted:12/26/01
Dilution factor: 150 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO05-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	510	U	R
131-11-3	Dimethyl phthalate	1500	U	
117-84-0	Di-n-octyl phthalate	1500	U	
534-52-1	4,6-Dinitro-2-methylphenol	7500	U	
51-28-5	2,4-Dinitrophenol	7500	U	
121-14-2	2,4-Dinitrotoluene	1500	U	
606-20-2	2,6-Dinitrotoluene	1500	U	
206-44-0	Fluoranthene	1500	U	
86-73-7	Fluorene	1500	U	
118-74-1	Hexachlorobenzene	1500	U	
87-68-3	Hexachlorobutadiene	1500	U	
77-47-4	Hexachlorocyclopentadiene	7500	U	
67-72-1	Hexachloroethane	1500	U	
193-39-5	Indeno(1,2,3-cd)pyrene	1500	U	
78-59-1	Isophorone	1500	U	
91-57-6	**2-Methylnaphthalene**	**270**	J	
95-48-7	**2-Methylphenol**	**310**	J	
106-44-5	**4-Methylphenol**	**600**	J	
91-20-3	**Naphthalene**	**8100**		R
98-95-3	Nitrobenzene	1500	U	
88-75-5	2-Nitrophenol	1500	U	
100-02-7	4-Nitrophenol	7500	U	
76-01-7	Pentachloroethane	7500	U	
87-86-5	Pentachlorophenol	7500	U	
85-01-8	**Phenanthrene**	**110**	J	
108-95-2	**Phenol**	**340**	J	
129-00-0	Pyrene	1500	U	
110-86-1	Pyridine	3000	U	

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TQ2AC Date Extracted:12/26/01
Dilution factor: 150 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO05-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	1500		U
95-95-4	2,4,5-Trichlorophenol	1500		U
88-06-2	2,4,6-Trichlorophenol	1500		U
108-60-1	2,2'-oxybis(1-Chloropropane)	3000		U
98-86-2	Acetophenone	1500		U
53-96-3	2-Acetylaminofluorene	3000		U
92-67-1	4-Aminobiphenyl	7500		U
62-53-3	Aniline	1500		U
140-57-8	Aramite (total)	7500		U
100-51-6	Benzyl alcohol	1500		U
106-47-8	4-Chloroaniline	1500		U
87-65-0	2,6-Dichlorophenol	1500		U
60-11-7	p-Dimethylaminoazobenzene	3000		U
57-97-6	7,12-Dimethylbenz(a)anthrace	3000		U
122-09-8	alpha,alpha-Dimethylphenethy	7500		U
99-65-0	1,3-Dinitrobenzene	1500		U
88-85-7	Dinoseb	3000		U
122-39-4	Diphenylamine	1500		U
62-50-0	Ethyl methanesulfonate	1500		U
1888-71-7	Hexachloropropene	15000		U
120-58-1	Isosafrole	3000		U
91-80-5	Methapyrilene	7500		U
95-53-4	o-Toluidine	3000		U
56-49-5	3-Methylcholanthrene	7500		U
66-27-3	Methyl methanesulfonate	1500		U
130-15-4	1,4-Naphthoquinone	7500		U
134-32-7	1-Naphthylamine	1500		U
91-59-8	2-Naphthylamine	1500		U

R

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TQ2AC Date Extracted:12/26/01
Dilution factor: 150 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO0S-PZM006 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	R
88-74-4	2-Nitroaniline	7500	U	
99-09-2	3-Nitroaniline	7500	U	
100-01-6	4-Nitroaniline	7500	U	
56-57-5	4-Nitroquinoline-1-oxide	15000	U	
924-16-3	N-Nitrosodi-n-butylamine	1500	U	
55-18-5	N-Nitrosodiethylamine	1500	U	
62-75-9	N-Nitrosodimethylamine	1500	U	
621-64-7	N-Nitrosodi-n-propylamine	1500	U	
86-30-6	N-Nitrosodiphenylamine	1500	U	
10595-95-6	N-Nitrosomethylethylamine	1500	U	
59-89-2	N-Nitrosomorpholine	1500	U	
100-75-4	N-Nitrosopiperidine	1500	U	
930-55-2	N-Nitrosopyrrolidine	1500	U	
99-55-8	5-Nitro-o-toluidine	3000	U	
608-93-5	Pentachlorobenzene	1500	U	
82-68-8	Pentachloronitrobenzene	7500	U	
62-44-2	Phenacetin	3000	U	
106-50-3	p-Phenylene diamine	30000	U	
109-06-8	2-Picoline	3000	U	
23950-58-5	Pronamide	3000	U	
94-59-7	Safrole	3000	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	
99-35-4	1,3,5-Trinitrobenzene	7500	U	

SMF 2/1/2002

FORM I

CH2M HILL
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 003 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TQ2AC Date Extracted:12/26/01
Dilution factor: 150 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO05-PZM006 -RE 1

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Hexachlorophene			ND

FORM I - TIC

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TT1AN Date Extracted:12/26/01
Dilution factor: 50 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO22-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	42	J
208-96-8	Acenaphthylene	500	U
120-12-7	Anthracene	500	U
56-55-3	Benzo(a)anthracene	500	U
205-99-2	Benzo(b)fluoranthene	500	U
207-08-9	Benzo(k)fluoranthene	500	U
191-24-2	Benzo(ghi)perylene	500	U
50-32-8	Benzo(a)pyrene	500	U
111-91-1	bis(2-Chloroethoxy)methane	500	U
111-44-4	bis(2-Chloroethyl) ether	500	U
117-81-7	bis(2-Ethylhexyl) phthalate	500	U
101-55-3	4-Bromophenyl phenyl ether	500	U
85-68-7	Butyl benzyl phthalate	500	U
59-50-7	4-Chloro-3-methylphenol	500	U
91-58-7	2-Chloronaphthalene	500	U
95-57-8	2-Chlorophenol	500	U
7005-72-3	4-Chlorophenyl phenyl ether	500	U
218-01-9	Chrysene	500	U
53-70-3	Dibenz(a,h)anthracene	500	U
132-64-9	Dibenzofuran	80	J
84-74-2	Di-n-butyl phthalate	500	U
95-50-1	1,2-Dichlorobenzene	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
91-94-1	3,3'-Dichlorobenzidine	2500	U
120-83-2	2,4-Dichlorophenol	500	U
84-66-2	Diethyl phthalate	500	U
119-93-7	3,3'-Dimethylbenzidine	2500	U

SMK 2/1/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TT1AN Date Extracted:12/26/01
Dilution factor: 50 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO22-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	500	U
131-11-3	Dimethyl phthalate	500	U
117-84-0	Di-n-octyl phthalate	500	U
534-52-1	4,6-Dinitro-2-methylphenol	2500	U
51-28-5	2,4-Dinitrophenol	2500	U
121-14-2	2,4-Dinitrotoluene	500	U
606-20-2	2,6-Dinitrotoluene	500	U
206-44-0	Fluoranthene	500	U
86-73-7	**Fluorene**	**84**	**J**
118-74-1	Hexachlorobenzene	500	U
87-68-3	Hexachlorobutadiene	500	U
77-47-4	Hexachlorocyclopentadiene	2500	U
67-72-1	Hexachloroethane	500	U
193-39-5	Indeno(1,2,3-cd)pyrene	500	U
78-59-1	Isophorone	500	U
91-57-6	**2-Methylnaphthalene**	**120**	**J**
95-48-7	2-Methylphenol	500	U
106-44-5	4-Methylphenol	500	U
91-20-3	**Naphthalene**	**2600**	
98-95-3	Nitrobenzene	500	U
88-75-5	2-Nitrophenol	500	U
100-02-7	4-Nitrophenol	2500	U
76-01-7	Pentachloroethane	2500	U
87-86-5	Pentachlorophenol	2500	U
85-01-8	**Phenanthrene**	**95**	**J**
108-95-2	Phenol	500	U
129-00-0	Pyrene	500	U
110-86-1	Pyridine	1000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TT1AN Date Extracted:12/26/01
Dilution factor: 50 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO22-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	500	U
95-95-4	2,4,5-Trichlorophenol	500	U
88-06-2	2,4,6-Trichlorophenol	500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TX1AE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO20-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	51		
208-96-8	Acenaphthylene	74		
120-12-7	Anthracene	16		
56-55-3	Benzo(a)anthracene	0.87	J	
205-99-2	Benzo(b)fluoranthene	10	U	
207-08-9	Benzo(k)fluoranthene	10	U	
191-24-2	Benzo(ghi)perylene	10	U	
50-32-8	Benzo(a)pyrene	10	U	
111-91-1	bis(2-Chloroethoxy)methane	10	U	
111-44-4	bis(2-Chloroethyl) ether	10	U	
117-81-7	bis(2-Ethylhexyl) phthalate	10	U	
101-55-3	4-Bromophenyl phenyl ether	10	U	
85-68-7	Butyl benzyl phthalate	10	U	
59-50-7	4-Chloro-3-methylphenol	10	U	
91-58-7	2-Chloronaphthalene	10	U	
95-57-8	2-Chlorophenol	10	U	
7005-72-3	4-Chlorophenyl phenyl ether	10	U	
218-01-9	Chrysene	10	U	
53-70-3	Dibenz(a,h)anthracene	10	U	
132-64-9	Dibenzofuran	90	J	R
84-74-2	Di-n-butyl phthalate	10	U	
95-50-1	1,2-Dichlorobenzene	10	U	
541-73-1	1,3-Dichlorobenzene	10	U	
106-46-7	1,4-Dichlorobenzene	10	U	
91-94-1	3,3'-Dichlorobenzidine	50	U	
120-83-2	2,4-Dichlorophenol	10	U	
84-66-2	Diethyl phthalate	10	U	
119-93-7	3,3'-Dimethylbenzidine	50	U	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TX1AE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO20-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	27		
131-11-3	Dimethyl phthalate	10	U	
117-84-0	Di-n-octyl phthalate	10	U	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	
51-28-5	2,4-Dinitrophenol	50	U	
121-14-2	2,4-Dinitrotoluene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	
206-44-0	Fluoranthene	18		R
86-73-7	Fluorene	110	~~J~~	
118-74-1	Hexachlorobenzene	10	U	
87-68-3	Hexachlorobutadiene	10	U	
77-47-4	Hexachlorocyclopentadiene	50	U	
67-72-1	Hexachloroethane	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1	Isophorone	10	U	
91-57-6	2-Methylnaphthalene	190	~~J~~	R
95-48-7	2-Methylphenol	19		
106-44-5	4-Methylphenol	24		R
91-20-3	Naphthalene	1000	~~J~~	
98-95-3	Nitrobenzene	10	U	
88-75-5	2-Nitrophenol	10	U	
100-02-7	4-Nitrophenol	50	U	
76-01-7	Pentachloroethane	50	U	
87-86-5	Pentachlorophenol	50	U	
85-01-8	Phenanthrene	140	~~J~~	R
108-95-2	Phenol	22		
129-00-0	Pyrene	9.4	J	
110-86-1	Pyridine	20	U	

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TX1AE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO20-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 005 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TX2AE Date Extracted:12/26/01
Dilution factor: 50 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO20-PZM004 -RE 1

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	51	J
208-96-8	Acenaphthylene	69	J
120-12-7	Anthracene	500	U
56-55-3	Benzo(a)anthracene	500	U
205-99-2	Benzo(b)fluoranthene	500	U
207-08-9	Benzo(k)fluoranthene	500	U
191-24-2	Benzo(ghi)perylene	500	U
50-32-8	Benzo(a)pyrene	500	U
111-91-1	bis(2-Chloroethoxy)methane	500	U
111-44-4	bis(2-Chloroethyl) ether	500	U
117-81-7	bis(2-Ethylhexyl) phthalate	500	U
101-55-3	4-Bromophenyl phenyl ether	500	U
85-68-7	Butyl benzyl phthalate	500	U
59-50-7	4-Chloro-3-methylphenol	500	U
91-58-7	2-Chloronaphthalene	500	U
95-57-8	2-Chlorophenol	500	U
7005-72-3	4-Chlorophenyl phenyl ether	500	U
218-01-9	Chrysene	500	U
53-70-3	Dibenz(a,h)anthracene	500	U
132-64-9	Dibenzofuran	84	J
84-74-2	Di-n-butyl phthalate	500	U
95-50-1	1,2-Dichlorobenzene	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
91-94-1	3,3'-Dichlorobenzidine	2500	U
120-83-2	2,4-Dichlorophenol	500	U
84-66-2	Diethyl phthalate	500	U
119-93-7	3,3'-Dimethylbenzidine	2500	U

R

R

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 005 bL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TX2AE Date Extracted:12/26/01
Dilution factor: 50 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO20-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	500		R
131-11-3	Dimethyl phthalate	500		
117-84-0	Di-n-octyl phthalate	500		
534-52-1	4,6-Dinitro-2-methylphenol	2500		
51-28-5	2,4-Dinitrophenol	2500		
121-14-2	2,4-Dinitrotoluene	500		
606-20-2	2,6-Dinitrotoluene	500		
206-44-0	Fluoranthene	500		
86-73-7	**Fluorene**	**98**	J	
118-74-1	Hexachlorobenzene	500		R
87-68-3	Hexachlorobutadiene	500		
77-47-4	Hexachlorocyclopentadiene	2500		
67-72-1	Hexachloroethane	500		
193-39-5	Indeno(1,2,3-cd)pyrene	500		
78-59-1	Isophorone	500		
91-57-6	**2-Methylnaphthalene**	**150**	J	
95-48-7	2-Methylphenol	500		R
106-44-5	4-Methylphenol	500		R
91-20-3	**Naphthalene**	**1700**		
98-95-3	Nitrobenzene	500		R
88-75-5	2-Nitrophenol	500		
100-02-7	4-Nitrophenol	2500		
76-01-7	Pentachloroethane	2500		
87-86-5	Pentachlorophenol	2500		
85-01-8	**Phenanthrene**	**140**	J	
108-95-2	Phenol	500		R
129-00-0	Pyrene	500		
110-86-1	Pyridine	1000		

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 005 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TX2AE Date Extracted:12/26/01
Dilution factor: 50 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO20-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	500	U
95-95-4	2,4,5-Trichlorophenol	500	U
88-06-2	2,4,6-Trichlorophenol	500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1000	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0T11AE Date Extracted:12/26/01
Dilution factor: 250 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO2S-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	2500	U
208-96-8	Acenaphthylene	380	J
120-12-7	Anthracene	2500	U
56-55-3	Benzo(a)anthracene	2500	U
205-99-2	Benzo(b)fluoranthene	2500	U
207-08-9	Benzo(k)fluoranthene	2500	U
191-24-2	Benzo(ghi)perylene	2500	U
50-32-8	Benzo(a)pyrene	2500	U
111-91-1	bis(2-Chloroethoxy)methane	2500	U
111-44-4	bis(2-Chloroethyl) ether	2500	U
117-81-7	bis(2-Ethylhexyl) phthalate	2500	U
101-55-3	4-Bromophenyl phenyl ether	2500	U
85-68-7	Butyl benzyl phthalate	2500	U
59-50-7	4-Chloro-3-methylphenol	2500	U
91-58-7	2-Chloronaphthalene	2500	U
95-57-8	2-Chlorophenol	2500	U
7005-72-3	4-Chlorophenyl phenyl ether	2500	U
218-01-9	Chrysene	2500	U
53-70-3	Dibenz(a,h)anthracene	2500	U
132-64-9	Dibenzofuran	2500	U
84-74-2	Di-n-butyl phthalate	2500	U
95-50-1	1,2-Dichlorobenzene	2500	U
541-73-1	1,3-Dichlorobenzene	2500	U
106-46-7	1,4-Dichlorobenzene	2500	U
91-94-1	3,3'-Dichlorobenzidine	12000	U
120-83-2	2,4-Dichlorophenol	2500	U
84-66-2	Diethyl phthalate	2500	U
119-93-7	3,3'-Dimethylbenzidine	12000	U

SMF 2/1/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0T11AE Date Extracted:12/26/01
Dilution factor: 250 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO25-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	2500	U
131-11-3	Dimethyl phthalate	2500	U
117-84-0	Di-n-octyl phthalate	2500	U
534-52-1	4,6-Dinitro-2-methylphenol	12000	U
51-28-5	2,4-Dinitrophenol	12000	U
121-14-2	2,4-Dinitrotoluene	2500	U
606-20-2	2,6-Dinitrotoluene	2500	U
206-44-0	Fluoranthene	2500	U
86-73-7	Fluorene	2500	U
118-74-1	Hexachlorobenzene	2500	U
87-68-3	Hexachlorobutadiene	2500	U
77-47-4	Hexachlorocyclopentadiene	12000	U
67-72-1	Hexachloroethane	2500	U
193-39-5	Indeno(1,2,3-cd)pyrene	2500	U
78-59-1	Isophorone	2500	U
91-57-6	2-Methylnaphthalene	580	J
95-48-7	2-Methylphenol	300	J
106-44-5	4-Methylphenol	500	J
91-20-3	Naphthalene	12000	
98-95-3	Nitrobenzene	2500	U
88-75-5	2-Nitrophenol	2500	U
100-02-7	4-Nitrophenol	12000	U
76-01-7	Pentachloroethane	12000	U
87-86-5	Pentachlorophenol	12000	U
85-01-8	Phenanthrene	2500	U
108-95-2	Phenol	260	J
129-00-0	Pyrene	2500	U
110-86-1	Pyridine	5000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0T11AE Date Extracted:12/26/01
Dilution factor: 250 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO25-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	2500	U
95-95-4	2,4,5-Trichlorophenol	2500	U
88-06-2	2,4,6-Trichlorophenol	2500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0T41AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO06-PZM039

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0T41AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO06-PZM039

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**1.7**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**1.1**	**J**
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smk 2/1/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0T41AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO06-PZM039

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VD1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VD1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 008
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VD1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VL1AE Date Extracted:12/26/01
Dilution factor: 4 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO23-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	44	
208-96-8	Acenaphthylene	43	
120-12-7	Anthracene	7.9	J
56-55-3	Benzo(a)anthracene	40	U
205-99-2	Benzo(b)fluoranthene	40	U
207-08-9	Benzo(k)fluoranthene	40	U
191-24-2	Benzo(ghi)perylene	40	U
50-32-8	Benzo(a)pyrene	40	U
111-91-1	bis(2-Chloroethoxy)methane	40	U
111-44-4	bis(2-Chloroethyl) ether	40	U
117-81-7	bis(2-Ethylhexyl) phthalate	40	U
101-55-3	4-Bromophenyl phenyl ether	40	U
85-68-7	Butyl benzyl phthalate	40	U
59-50-7	4-Chloro-3-methylphenol	40	U
91-58-7	2-Chloronaphthalene	40	U
95-57-8	2-Chlorophenol	40	U
7005-72-3	4-Chlorophenyl phenyl ether	40	U
218-01-9	Chrysene	40	U
53-70-3	Dibenz(a,h)anthracene	40	U
132-64-9	Dibenzofuran	52	
84-74-2	Di-n-butyl phthalate	40	U
95-50-1	1,2-Dichlorobenzene	40	U
541-73-1	1,3-Dichlorobenzene	40	U
106-46-7	1,4-Dichlorobenzene	40	U
91-94-1	3,3'-Dichlorobenzidine	200	U
120-83-2	2,4-Dichlorophenol	40	U
84-66-2	Diethyl phthalate	40	U
119-93-7	3,3'-Dimethylbenzidine	200	U

SMK 2/14/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VL1AE Date Extracted:12/26/01
Dilution factor: 4 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO23-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	40	U	
131-11-3	Dimethyl phthalate	40	U	
117-84-0	Di-n-octyl phthalate	40	U	
534-52-1	4,6-Dinitro-2-methylphenol	200	U	
51-28-5	2,4-Dinitrophenol	200	U	
121-14-2	2,4-Dinitrotoluene	40	U	
606-20-2	2,6-Dinitrotoluene	40	U	
206-44-0	**Fluoranthene**	12	J	
86-73-7	**Fluorene**	63		
118-74-1	Hexachlorobenzene	40	U	
87-68-3	Hexachlorobutadiene	40	U	
77-47-4	Hexachlorocyclopentadiene	200	U	
67-72-1	Hexachloroethane	40	U	
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	
78-59-1	Isophorone	40	U	
91-57-6	**2-Methylnaphthalene**	30	J	
95-48-7	**2-Methylphenol**	8.9	J	
106-44-5	**4-Methylphenol**	10	J	
91-20-3	**Naphthalene**	1200	~~J~~	R
98-95-3	Nitrobenzene	40	U	
88-75-5	2-Nitrophenol	40	U	
100-02-7	4-Nitrophenol	200	U	
76-01-7	Pentachloroethane	200	U	
87-86-5	Pentachlorophenol	200	U	
85-01-8	**Phenanthrene**	89		
108-95-2	**Phenol**	14 ✓	J	
129-00-0	**Pyrene**	6.2	J	
110-86-1	Pyridine	80	U	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 009
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VL1AE Date Extracted:12/26/01
Dilution factor: 4 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO23-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	40	U
95-95-4	2,4,5-Trichlorophenol	40	U
88-06-2	2,4,6-Trichlorophenol	40	U
108-60-1	2,2'-oxybis(1-Chloropropane)	80	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 009 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VL2AE Date Extracted:12/26/01
Dilution factor: 25 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO23-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
83-32-9	Acenaphthene	42	U	
208-96-8	Acenaphthylene	38	J	
120-12-7	Anthracene	250	U	
56-55-3	Benzo(a)anthracene	250	U	
205-99-2	Benzo(b)fluoranthene	250	U	
207-08-9	Benzo(k)fluoranthene	250	U	
191-24-2	Benzo(ghi)perylene	250	U	
50-32-8	Benzo(a)pyrene	250	U	
111-91-1	bis(2-Chloroethoxy)methane	250	U	
111-44-4	bis(2-Chloroethyl) ether	250	U	
117-81-7	bis(2-Ethylhexyl) phthalate	250	U	
101-55-3	4-Bromophenyl phenyl ether	250	U	
85-68-7	Butyl benzyl phthalate	250	U	
59-50-7	4-Chloro-3-methylphenol	250	U	
91-58-7	2-Chloronaphthalene	250	U	
95-57-8	2-Chlorophenol	250	U	
7005-72-3	4-Chlorophenyl phenyl ether	250	U	
218-01-9	Chrysene	250	U	
53-70-3	Dibenz(a,h)anthracene	250	U	
132-64-9	Dibenzofuran	48	J	
84-74-2	Di-n-butyl phthalate	250	U	
95-50-1	1,2-Dichlorobenzene	250	U	
541-73-1	1,3-Dichlorobenzene	250	U	
106-46-7	1,4-Dichlorobenzene	250	U	
91-94-1	3,3'-Dichlorobenzidine	1200	U	
120-83-2	2,4-Dichlorophenol	250	U	
84-66-2	Diethyl phthalate	250	U	
119-93-7	3,3'-Dimethylbenzidine	1200	U	

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 009 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VL2AE Date Extracted:12/26/01
Dilution factor: 25 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO23-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	250	U	R
131-11-3	Dimethyl phthalate	250	U	
117-84-0	Di-n-octyl phthalate	250	U	
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	
51-28-5	2,4-Dinitrophenol	1200	U	
121-14-2	2,4-Dinitrotoluene	250	U	
606-20-2	2,6-Dinitrotoluene	250	U	
206-44-0	Fluoranthene	250	U	
86-73-7	**Fluorene**	**58**	J	
118-74-1	Hexachlorobenzene	250	U	
87-68-3	Hexachlorobutadiene	250	U	
77-47-4	Hexachlorocyclopentadiene	1200	U	
67-72-1	Hexachloroethane	250	U	
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	
78-59-1	Isophorone	250	U	
91-57-6	**2-Methylnaphthalene**	**28**	J	
95-48-7	2-Methylphenol	250	U	
106-44-5	4-Methylphenol	250	U	
91-20-3	**Naphthalene**	**1300**		R
98-95-3	Nitrobenzene	250	U	
88-75-5	2-Nitrophenol	250	U	
100-02-7	4-Nitrophenol	1200	U	
76-01-7	Pentachloroethane	1200	U	
87-86-5	Pentachlorophenol	1200	U	
85-01-8	**Phenanthrene**	**87**	J	
108-95-2	Phenol	250	U	
129-00-0	Pyrene	250	U	
110-86-1	Pyridine	500	U	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 009 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VL2AE Date Extracted:12/26/01
Dilution factor: 25 Date Analyzed: 01/08/02

QC Batch: 1361100

Client Sample Id: CO23-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	250	U
95-95-4	2,4,5-Trichlorophenol	250	U
88-06-2	2,4,6-Trichlorophenol	250	U
108-60-1	2,2'-oxybis(1-Chloropropane)	500	U

Q

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 010
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VT1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: EQUIP BLANK#4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 010
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VT1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: EQUIP BLANK#4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 010
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VT1AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: EQUIP BLANK#4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 011
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VX1CE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SM 2/11/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 011
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VX1CE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 011
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VX1CE Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: CO06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U
621-64-7	N-Nitrosodi-n-propylamine	10	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 012
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0V61AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: C006-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U



CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 012
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0V61AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: C006-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 012
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0V61AN Date Extracted:12/26/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1361100

Client Sample Id: C006-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K11AC Date Extracted:12/28/01
Dilution factor: 10 Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	9.0	J
208-96-8	Acenaphthylene	100	U
120-12-7	Anthracene	100	U
56-55-3	Benzo(a)anthracene	100	U
205-99-2	Benzo(b)fluoranthene	100	U
207-08-9	Benzo(k)fluoranthene	100	U
191-24-2	Benzo(ghi)perylene	100	U
50-32-8	Benzo(a)pyrene	100	U
111-91-1	bis(2-Chloroethoxy)methane	100	U
111-44-4	bis(2-Chloroethyl) ether	100	U
117-81-7	bis(2-Ethylhexyl) phthalate	100	U
101-55-3	4-Bromophenyl phenyl ether	100	U
85-68-7	Butyl benzyl phthalate	100	U
59-50-7	4-Chloro-3-methylphenol	100	U
91-58-7	2-Chloronaphthalene	100	U
95-57-8	2-Chlorophenol	100	U
7005-72-3	4-Chlorophenyl phenyl ether	100	U
218-01-9	Chrysene	100	U
53-70-3	Dibenz(a,h)anthracene	100	U
132-64-9	Dibenzofuran	9.3	J
84-74-2	Di-n-butyl phthalate	100	U
95-50-1	1,2-Dichlorobenzene	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
91-94-1	3,3'-Dichlorobenzidine	500	U
120-83-2	2,4-Dichlorophenol	100	U
84-66-2	Diethyl phthalate	100	U
119-93-7	3,3'-Dimethylbenzidine	500	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K11AC Date Extracted:12/28/01
Dilution factor: 10 Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	27	J
131-11-3	Dimethyl phthalate	100	U
117-84-0	Di-n-octyl phthalate	100	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
51-28-5	2,4-Dinitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	100	U
606-20-2	2,6-Dinitrotoluene	100	U
206-44-0	Fluoranthene	100	U
86-73-7	Fluorene	18	J
118-74-1	Hexachlorobenzene	100	U
87-68-3	Hexachlorobutadiene	100	U
77-47-4	Hexachlorocyclopentadiene	500	U
67-72-1	Hexachloroethane	100	U
193-39-5	Indeno(1,2,3-cd)pyrene	100	U
78-59-1	Isophorone	100	U
91-57-6	2-Methylnaphthalene	49	J
95-48-7	2-Methylphenol	53	J
106-44-5	4-Methylphenol	110	
91-20-3	Naphthalene	1300	E R
98-95-3	Nitrobenzene	100	U
88-75-5	2-Nitrophenol	100	U
100-02-7	4-Nitrophenol	500	U
76-01-7	Pentachloroethane	500	U
87-86-5	Pentachlorophenol	500	U
85-01-8	Phenanthrene	21	J
108-95-2	Phenol	200	
129-00-0	Pyrene	100	U
110-86-1	Pyridine	200	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:C1L220140 001

Sample WT/Vol: 1000 / mL
Work Order: EQ1K11AC
Dilution factor: 10

Date Received: 12/22/01
Date Extracted:12/28/01
Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	200	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 001 D1
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K12AC Date Extracted:12/28/01
Dilution factor: 20 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: CO17-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	200	U
208-96-8	Acenaphthylene	200	U
120-12-7	Anthracene	200	U
56-55-3	Benzo(a)anthracene	200	U
205-99-2	Benzo(b)fluoranthene	200	U
207-08-9	Benzo(k)fluoranthene	200	U
191-24-2	Benzo(ghi)perylene	200	U
50-32-8	Benzo(a)pyrene	200	U
111-91-1	bis(2-Chloroethoxy)methane	200	U
111-44-4	bis(2-Chloroethyl) ether	200	U
117-81-7	bis(2-Ethylhexyl) phthalate	200	U
101-55-3	4-Bromophenyl phenyl ether	200	U
85-68-7	Butyl benzyl phthalate	200	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-58-7	2-Chloronaphthalene	200	U
95-57-8	2-Chlorophenol	200	U
7005-72-3	4-Chlorophenyl phenyl ether	200	U
218-01-9	Chrysene	200	U
53-70-3	Dibenz(a,h)anthracene	200	U
132-64-9	**Dibenzofuran**	10	J
84-74-2	Di-n-butyl phthalate	200	U
95-50-1	1,2-Dichlorobenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
120-83-2	2,4-Dichlorophenol	200	U
84-66-2	Diethyl phthalate	200	U
119-93-7	3,3'-Dimethylbenzidine	1000	U

R

SMK 2/11/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K12AC Date Extracted:12/28/01
Dilution factor: 20 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: CO17-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	200	
131-11-3	Dimethyl phthalate	200	
117-84-0	Di-n-octyl phthalate	200	
534-52-1	4,6-Dinitro-2-methylphenol	1000	
51-28-5	2,4-Dinitrophenol	1000	
121-14-2	2,4-Dinitrotoluene	200	
606-20-2	2,6-Dinitrotoluene	200	
206-44-0	Fluoranthene	200	
86-73-7	**Fluorene**	**20**	J
118-74-1	Hexachlorobenzene	200	
87-68-3	Hexachlorobutadiene	200	
77-47-4	Hexachlorocyclopentadiene	1000	
67-72-1	Hexachloroethane	200	
193-39-5	Indeno(1,2,3-cd)pyrene	200	
78-59-1	Isophorone	200	
91-57-6	**2-Methylnaphthalene**	**51**	J
95-48-7	2-Methylphenol	56	J
106-44-5	**4-Methylphenol**	**120**	J
91-20-3	**Naphthalene**	**1600**	
98-95-3	Nitrobenzene	200	
88-75-5	2-Nitrophenol	200	
100-02-7	4-Nitrophenol	1000	
76-01-7	Pentachloroethane	1000	
87-86-5	Pentachlorophenol	1000	
85-01-8	**Phenanthrene**	**24**	J
108-95-2	Phenol	220	
129-00-0	Pyrene	200	
110-86-1	Pyridine	400	

SMK 2/1/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K12AC Date Extracted:12/28/01
Dilution factor: 20 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: CO17-PZM005 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	200	
95-95-4	2,4,5-Trichlorophenol	200	
88-06-2	2,4,6-Trichlorophenol	200	
108-60-1	2,2'-oxybis(1-Chloropropane)	400	

R

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K21AE Date Extracted:12/28/01
Dilution factor: 50 Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO18-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	500	U
208-96-8	Acenaphthylene	500	U
120-12-7	Anthracene	500	U
56-55-3	Benzo(a)anthracene	500	U
205-99-2	Benzo(b)fluoranthene	500	U
207-08-9	Benzo(k)fluoranthene	500	U
191-24-2	Benzo(ghi)perylene	500	U
50-32-8	Benzo(a)pyrene	500	U
111-91-1	bis(2-Chloroethoxy)methane	500	U
111-44-4	bis(2-Chloroethyl) ether	500	U
117-81-7	bis(2-Ethylhexyl) phthalate	500	U
101-55-3	4-Bromophenyl phenyl ether	500	U
85-68-7	Butyl benzyl phthalate	500	U
59-50-7	4-Chloro-3-methylphenol	500	U
91-58-7	2-Chloronaphthalene	500	U
95-57-8	2-Chlorophenol	500	U
7005-72-3	4-Chlorophenyl phenyl ether	500	U
218-01-9	Chrysene	500	U
53-70-3	Dibenz(a,h)anthracene	500	U
132-64-9	Dibenzofuran	500	U
84-74-2	Di-n-butyl phthalate	500	U
95-50-1	1,2-Dichlorobenzene	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
91-94-1	3,3'-Dichlorobenzidine	2500	U
120-83-2	2,4-Dichlorophenol	500	U
84-66-2	Diethyl phthalate	500	U
119-93-7	3,3'-Dimethylbenzidine	2500	U

SMK 2/19/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K21AE Date Extracted:12/28/01
Dilution factor: 50 Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO18-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	230	J
131-11-3	Dimethyl phthalate	500	U
117-84-0	Di-n-octyl phthalate	500	U
534-52-1	4,6-Dinitro-2-methylphenol	2500	U
51-28-5	2,4-Dinitrophenol	2500	U
121-14-2	2,4-Dinitrotoluene	500	U
606-20-2	2,6-Dinitrotoluene	500	U
206-44-0	Fluoranthene	500	U
86-73-7	Fluorene	500	U
118-74-1	Hexachlorobenzene	500	U
87-68-3	Hexachlorobutadiene	500	U
77-47-4	Hexachlorocyclopentadiene	2500	U
67-72-1	Hexachloroethane	500	U
193-39-5	Indeno(1,2,3-cd)pyrene	500	U
78-59-1	Isophorone	500	U
91-57-6	2-Methylnaphthalene	500	U
95-48-7	2-Methylphenol	550	
106-44-5	4-Methylphenol	600	
91-20-3	Naphthalene	190	J
98-95-3	Nitrobenzene	500	U
88-75-5	2-Nitrophenol	500	U
100-02-7	4-Nitrophenol	2500	U
76-01-7	Pentachloroethane	2500	U
87-86-5	Pentachlorophenol	2500	U
85-01-8	Phenanthrene	500	U
108-95-2	Phenol	900	
129-00-0	Pyrene	500	U
110-86-1	Pyridine	1400	

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K21AE Date Extracted:12/28/01
Dilution factor: 50 Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO18-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	500	U
95-95-4	2,4,5-Trichlorophenol	500	U
88-06-2	2,4,6-Trichlorophenol	500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1000	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K31AE Date Extracted:12/28/01
Dilution factor: 5 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: CO16-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	32	J
131-11-3	Dimethyl phthalate	50	U
117-84-0	Di-n-octyl phthalate	50	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
51-28-5	2,4-Dinitrophenol	250	U
121-14-2	2,4-Dinitrotoluene	50	U
606-20-2	2,6-Dinitrotoluene	50	U
206-44-0	Fluoranthene	3.4	J
86-73-7	Fluorene	8.3	J
118-74-1	Hexachlorobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
77-47-4	Hexachlorocyclopentadiene	250	U
67-72-1	Hexachloroethane	50	U
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
78-59-1	Isophorone	50	U
91-57-6	2-Methylnaphthalene	23	J
95-48-7	2-Methylphenol	64	
106-44-5	4-Methylphenol	51	
91-20-3	Naphthalene	230	
98-95-3	Nitrobenzene	50	U
88-75-5	2-Nitrophenol	50	U
100-02-7	4-Nitrophenol	250	U
76-01-7	Pentachloroethane	250	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	10	J
108-95-2	Phenol	280	
129-00-0	Pyrene	50	U
110-86-1	Pyridine	22	J

SMK 2/7/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K31AE Date Extracted:12/28/01
Dilution factor: 5 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: CO16-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	11	J
208-96-8	Acenaphthylene	50	U
120-12-7	Anthracene	50	U
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
111-44-4	bis(2-Chloroethyl) ether	50	U
117-81-7	bis(2-Ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
132-64-9	Dibenzofuran	5.5	J
84-74-2	Di-n-butyl phthalate	50	U
95-50-1	1,2-Dichlorobenzene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
91-94-1	3,3'-Dichlorobenzidine	250	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U
119-93-7	3,3'-Dimethylbenzidine	250	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K31AE Date Extracted:12/28/01
Dilution factor: 5 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: CO16-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U
88-06-2	2,4,6-Trichlorophenol	50	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K41AE Date Extracted:12/28/01
Dilution factor: 2 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: SW18-PZM053

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	3.3	J
208-96-8	Acenaphthylene	4.0	J
120-12-7	Anthracene	20	U
56-55-3	Benzo(a)anthracene	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
191-24-2	Benzo(ghi)perylene	20	U
50-32-8	Benzo(a)pyrene	20	U
111-91-1	bis(2-Chloroethoxy)methane	20	U
111-44-4	bis(2-Chloroethyl) ether	20	U
117-81-7	bis(2-Ethylhexyl) phthalate	20	U
101-55-3	4-Bromophenyl phenyl ether	20	U
85-68-7	Butyl benzyl phthalate	20	U
59-50-7	4-Chloro-3-methylphenol	20	U
91-58-7	2-Chloronaphthalene	20	U
95-57-8	2-Chlorophenol	20	U
7005-72-3	4-Chlorophenyl phenyl ether	20	U
218-01-9	Chrysene	20	U
53-70-3	Dibenz(a,h)anthracene	20	U
132-64-9	Dibenzofuran	20	U
84-74-2	Di-n-butyl phthalate	20	U
95-50-1	1,2-Dichlorobenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
91-94-1	3,3'-Dichlorobenzidine	100	U
120-83-2	2,4-Dichlorophenol	20	U
84-66-2	Diethyl phthalate	20	U
119-93-7	3,3'-Dimethylbenzidine	100	U

SMK 2/1/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K41AE Date Extracted:12/28/01
Dilution factor: 2 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: SW18-PZM053

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	14	J
131-11-3	Dimethyl phthalate	20	U
117-84-0	Di-n-octyl phthalate	20	U
534-52-1	4,6-Dinitro-2-methylphenol	100	U
51-28-5	2,4-Dinitrophenol	100	U
121-14-2	2,4-Dinitrotoluene	20	U
606-20-2	2,6-Dinitrotoluene	20	U
206-44-0	Fluoranthene	2.0	J
86-73-7	Fluorene	2.2	J
118-74-1	Hexachlorobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
77-47-4	Hexachlorocyclopentadiene	100	U
67-72-1	Hexachloroethane	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
78-59-1	Isophorone	1.6	J
91-57-6	2-Methylnaphthalene	20	U
95-48-7	2-Methylphenol	56	
106-44-5	4-Methylphenol	59	
91-20-3	Naphthalene	18	J
98-95-3	Nitrobenzene	20	U
88-75-5	2-Nitrophenol	20	U
100-02-7	4-Nitrophenol	100	U
76-01-7	Pentachloroethane	100	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	3.2	J
108-95-2	Phenol	70	
129-00-0	Pyrene	20	U
110-86-1	Pyridine	13	J

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K41AE Date Extracted:12/28/01
Dilution factor: 2 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: SW18-PZM053

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
88-06-2	2,4,6-Trichlorophenol	20.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	U

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC007

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L220140 005

Sample WT/Vol: 1000 / mL
Work Order: EQ1K51AE
Dilution factor: 50

Date Received: 12/22/01
Date Extracted: 12/28/01
Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO12-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	500	U
208-96-8	Acenaphthylene	500	U
120-12-7	Anthracene	500	U
56-55-3	Benzo(a)anthracene	500	U
205-99-2	Benzo(b)fluoranthene	500	U
207-08-9	Benzo(k)fluoranthene	500	U
191-24-2	Benzo(ghi)perylene	500	U
50-32-8	Benzo(a)pyrene	500	U
111-91-1	bis(2-Chloroethoxy)methane	500	U
111-44-4	bis(2-Chloroethyl) ether	500	U
117-81-7	bis(2-Ethylhexyl) phthalate	500	U
101-55-3	4-Bromophenyl phenyl ether	500	U
85-68-7	Butyl benzyl phthalate	500	U
59-50-7	4-Chloro-3-methylphenol	500	U
91-58-7	2-Chloronaphthalene	500	U
95-57-8	2-Chlorophenol	500	U
7005-72-3	4-Chlorophenyl phenyl ether	500	U
218-01-9	Chrysene	500	U
53-70-3	Dibenz(a,h)anthracene	500	U
132-64-9	Dibenzofuran	500	U
84-74-2	Di-n-butyl phthalate	500	U
95-50-1	1,2-Dichlorobenzene	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
91-94-1	3,3'-Dichlorobenzidine	2500	U
120-83-2	2,4-Dichlorophenol	500	U
84-66-2	Diethyl phthalate	500	U
119-93-7	3,3'-Dimethylbenzidine	2500	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K51AE Date Extracted:12/28/01
Dilution factor: 50 Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO12-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	500	U
131-11-3	Dimethyl phthalate	500	U
117-84-0	Di-n-octyl phthalate	500	U
534-52-1	4,6-Dinitro-2-methylphenol	2500	U
51-28-5	2,4-Dinitrophenol	2500	U
121-14-2	2,4-Dinitrotoluene	500	U
606-20-2	2,6-Dinitrotoluene	500	U
206-44-0	Fluoranthene	500	U
86-73-7	Fluorene	26	J
118-74-1	Hexachlorobenzene	500	U
87-68-3	Hexachlorobutadiene	500	U
77-47-4	Hexachlorocyclopentadiene	2500	U
67-72-1	Hexachloroethane	500	U
193-39-5	Indeno(1,2,3-cd)pyrene	500	U
78-59-1	Isophorone	500	U
91-57-6	2-Methylnaphthalene	110	J
95-48-7	2-Methylphenol	89	J
106-44-5	4-Methylphenol	160	J
91-20-3	Naphthalene	2300	
98-95-3	Nitrobenzene	500	U
88-75-5	2-Nitrophenol	500	U
100-02-7	4-Nitrophenol	2500	U
76-01-7	Pentachloroethane	2500	U
87-86-5	Pentachlorophenol	2500	U
85-01-8	Phenanthrene	500	U
108-95-2	Phenol	220	J
129-00-0	Pyrene	500	U
110-86-1	Pyridine	1000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K51AE Date Extracted:12/28/01
Dilution factor: 50 Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO12-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	500	U
95-95-4	2,4,5-Trichlorophenol	500	U
88-06-2	2,4,6-Trichlorophenol	500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K61AC Date Extracted:12/28/01
Dilution factor: 200 Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO24-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	2000	U
208-96-8	Acenaphthylene	2000	U
120-12-7	Anthracene	2000	U
56-55-3	Benzo(a)anthracene	2000	U
205-99-2	Benzo(b)fluoranthene	2000	U
207-08-9	Benzo(k)fluoranthene	2000	U
191-24-2	Benzo(ghi)perylene	2000	U
50-32-8	Benzo(a)pyrene	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
111-44-4	bis(2-Chloroethyl) ether	2000	U
117-81-7	bis(2-Ethylhexyl) phthalate	2000	U
101-55-3	4-Bromophenyl phenyl ether	2000	U
85-68-7	Butyl benzyl phthalate	2000	U
59-50-7	4-Chloro-3-methylphenol	2000	U
91-58-7	2-Chloronaphthalene	2000	U
95-57-8	2-Chlorophenol	2000	U
7005-72-3	4-Chlorophenyl phenyl ether	2000	U
218-01-9	Chrysene	2000	U
53-70-3	Dibenz(a,h)anthracene	2000	U
132-64-9	Dibenzofuran	2000	U
84-74-2	Di-n-butyl phthalate	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
91-94-1	3,3'-Dichlorobenzidine	10000	U
120-83-2	2,4-Dichlorophenol	2000	U
84-66-2	Diethyl phthalate	2000	U
119-93-7	3,3'-Dimethylbenzidine	10000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K61AC Date Extracted:12/28/01
Dilution factor: 200 Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO24-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	2000	U
131-11-3	Dimethyl phthalate	2000	U
117-84-0	Di-n-octyl phthalate	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	10000	U
51-28-5	2,4-Dinitrophenol	10000	U
121-14-2	2,4-Dinitrotoluene	2000	U
606-20-2	2,6-Dinitrotoluene	2000	U
206-44-0	Fluoranthene	2000	U
86-73-7	Fluorene	2000	U
118-74-1	Hexachlorobenzene	2000	U
87-68-3	Hexachlorobutadiene	2000	U
77-47-4	Hexachlorocyclopentadiene	10000	U
67-72-1	Hexachloroethane	2000	U
193-39-5	Indeno(1,2,3-cd)pyrene	2000	U
78-59-1	Isophorone	2000	U
91-57-6	2-Methylnaphthalene	180	J
95-48-7	2-Methylphenol	2000	U
106-44-5	4-Methylphenol	2000	U
91-20-3	Naphthalene	2500	
98-95-3	Nitrobenzene	2000	U
88-75-5	2-Nitrophenol	2000	U
100-02-7	4-Nitrophenol	10000	U
76-01-7	Pentachloroethane	10000	U
87-86-5	Pentachlorophenol	10000	U
85-01-8	Phenanthrene	160	J
108-95-2	Phenol	500	J
129-00-0	Pyrene	2000	U
110-86-1	Pyridine	7700	

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K61AC Date Extracted:12/28/01
Dilution factor: 200 Date Analyzed: 01/07/02

QC Batch: 1362313

Client Sample Id: CO24-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	2000	U
95-95-4	2,4,5-Trichlorophenol	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	4000	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K71AN Date Extracted:12/28/01
Dilution factor: 8 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: CO07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	11	J
208-96-8	Acenaphthylene	80	U
120-12-7	Anthracene	80	U
56-55-3	Benzo(a)anthracene	80	U
205-99-2	Benzo(b)fluoranthene	80	U
207-08-9	Benzo(k)fluoranthene	80	U
191-24-2	Benzo(ghi)perylene	80	U
50-32-8	Benzo(a)pyrene	80	U
111-91-1	bis(2-Chloroethoxy)methane	80	U
111-44-4	bis(2-Chloroethyl) ether	80	U
117-81-7	bis(2-Ethylhexyl) phthalate	80	U
101-55-3	4-Bromophenyl phenyl ether	80	U
85-68-7	Butyl benzyl phthalate	80	U
59-50-7	4-Chloro-3-methylphenol	80	U
91-58-7	2-Chloronaphthalene	80	U
95-57-8	2-Chlorophenol	80	U
7005-72-3	4-Chlorophenyl phenyl ether	80	U
218-01-9	Chrysene	80	U
53-70-3	Dibenz(a,h)anthracene	80	U
132-64-9	Dibenzofuran	6.4	J
84-74-2	Di-n-butyl phthalate	80	U
95-50-1	1,2-Dichlorobenzene	80	U
541-73-1	1,3-Dichlorobenzene	80	U
106-46-7	1,4-Dichlorobenzene	80	U
91-94-1	3,3'-Dichlorobenzidine	400	U
120-83-2	2,4-Dichlorophenol	80	U
84-66-2	Diethyl phthalate	80	U
119-93-7	3,3'-Dimethylbenzidine	400	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K71AN Date Extracted:12/28/01
Dilution factor: 8 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: CO07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	18	J
131-11-3	Dimethyl phthalate	80	U
117-84-0	Di-n-octyl phthalate	80	U
534-52-1	4,6-Dinitro-2-methylphenol	400	U
51-28-5	2,4-Dinitrophenol	400	U
121-14-2	2,4-Dinitrotoluene	80	U
606-20-2	2,6-Dinitrotoluene	80	U
206-44-0	Fluoranthene	80	U
86-73-7	Fluorene	9.3	J
118-74-1	Hexachlorobenzene	80	U
87-68-3	Hexachlorobutadiene	80	U
77-47-4	Hexachlorocyclopentadiene	400	U
67-72-1	Hexachloroethane	80	U
193-39-5	Indeno(1,2,3-cd)pyrene	80	U
78-59-1	Isophorone	80	U
91-57-6	2-Methylnaphthalene	20	J
95-48-7	2-Methylphenol	45	J
106-44-5	4-Methylphenol	27	J
91-20-3	Naphthalene	420	
98-95-3	Nitrobenzene	80	U
88-75-5	2-Nitrophenol	80	U
100-02-7	4-Nitrophenol	400	U
76-01-7	Pentachloroethane	400	U
87-86-5	Pentachlorophenol	400	U
85-01-8	Phenanthrene	15	J
108-95-2	Phenol	47	J
129-00-0	Pyrene	80	U
110-86-1	Pyridine	160	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 007
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K71AN Date Extracted:12/28/01
Dilution factor: 8 Date Analyzed: 01/08/02

QC Batch: 1362313

Client Sample Id: CO07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	80	U
95-95-4	2,4,5-Trichlorophenol	80	U
88-06-2	2,4,6-Trichlorophenol	80	U
108-60-1	2,2'-oxybis(1-Chloropropane)	160	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L210317 001

Sample WT/Vol: 1000 / mL
Work Order: EQ0TL1AD
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO13-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L210317 002

Sample WT/Vol: 1000 / mL
Work Order: EQ0TN1AP
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO26-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L210317 003

Sample WT/Vol: 1000 / mL
Work Order: EQ0TQ1AD
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO05-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L210317 004

Sample WT/Vol: 1000 / mL
Work Order: EQ0TT1AP
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO22-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 005
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0TX1AF Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO20-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 006
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0T11AF Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO25-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 007
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0T41AP Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO06-PZM039

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L210317 008

Sample WT/Vol: 1000 / mL
Work Order: EQ0VD1AP
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: EQUIP BLANK#3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 009
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VL1AF Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO23-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 010
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0VT1AP Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: EQUIP BLANK#4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L210317 011

Sample WT/Vol: 1000 / mL
Work Order: EQ0VX1CH
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL
MATRIX SPIKE COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L210317 011

Sample WT/Vol: 1000 / mL
Work Order: EQ0VX1CJ
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	9.01	
11096-82-5	Aroclor 1260	8.88	

CH2M HILL
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L210317 011

Sample WT/Vol: 1000 / mL
Work Order: EQ0VX1CK
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CO06-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	8.57	
11096-82-5	Aroclor 1260	8.36	

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 012
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/21/01
Work Order: EQ0V61AP Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: C006-PZM008 DUP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L210317 013

Sample WT/Vol: 1000 / mL
Work Order: EQ0V91AC
Dilution factor: 1

Date Received: 12/21/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361533

Client Sample Id: CP03-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	0.68	J
11096-82-5	Aroclor 1260	0.51	J

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 001
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K11AD Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: CO17-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 002
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K21AF Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: CO18-PZM006

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L220140 003

Sample WT/Vol: 1000 / mL
Work Order: EQ1K31AF
Dilution factor: 1

Date Received: 12/22/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: CO16-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 004
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K41AF Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: SW18-PZM053

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L220140 005

Sample WT/Vol: 1000 / mL
Work Order: EQ1K51AF
Dilution factor: 1

Date Received: 12/22/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: CO12-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L220140 006

Sample WT/Vol: 1000 / mL
Work Order: EQ1K61AD
Dilution factor: 1

Date Received: 12/22/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: CO24-PZM007

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L220140 007
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K71AP Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: CO07-PZM005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC007
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- X • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X • Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/22/2007
Date

1.0 *DATA COMPLETENESS*

The data deliverables were complete.

2.0 *CHAIN OF CUSTODY DOCUMENTATION*

All chain of custody documentation was complete.

3.0 *HOLDING TIMES*

All criteria were met. No qualifiers were applied.

4.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

5.0 *ICP INTERFERENCE CHECK SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The positive results reported for the metals in the samples presented on page 4 are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results for these metals in these samples has indicated this.

Analyte	Qualified Results
Beryllium	CO07-PZM005-01C, CO12-PZM008-01C, CO13-PZM008-01C, CO16-PZM008-01C, CO18-PZM006-01C, CO23-PZM005-01C, CO24-PZM007-01C
Manganese	CO12-PZM008-01C
Selenium	CO24-PZM007-01C
Zinc	CO05-PZM006-01C, CO06-PZM008-01C, CO06-PZM039-01C, CO13-PZM008-01C, CO20-PZM004-01C, CO22-PZM003-01C, CO23-PZM005-01C, CO26-PZM008-01C

7.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

8.0 LABORATORY DUPLICATE RESULTS

All criteria were met. No qualifiers were applied.

9.0 ICP SERIAL DILUTION RESULTS

All criteria were met. No qualifiers were applied.

10.0 FIELD DUPLICATE RESULTS

Duplicate sample pairs HI05-PZM046 and HI05-PZM046 DUP, and TM02-PZ028 and TM02-PZ028 DUP were submitted to the laboratory evaluate

sampling and analytical precision for those analytes determined to be present. Results for these duplicate samples are presented in Tables 2 and 3. There are no USEPA-established acceptance criteria for field duplicate samples. EDQ uses internal acceptance criterion of 25 percent for values greater than five times the CRDL (or ± the CRDL for results less than five times the CRDL).

11.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

12.0 GFAA POST-DIGESTION SPIKE/DUPLICATE BURN

Not Applicable.

13.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

14.0 QUANTITATION/REPORTING LIMITS

All criteria were met. No qualifiers were applied.

METHODOLOGY REFERENCES

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

Table 2 Field Duplicate Sample Results for Inorganic Analyses
Ground Water Duplicate Samples CO06-PZM008-01C andCO06-PZM008-01C DUP

Analyte	Sample		Field Duplicate		RPD	Comments
	CO06-PZM008-01C (µg/L)		CO06-PZM008-01C DUP (µg/L)			
Barium	18.5	J	17.8	J	3.9	
Calcium	34800		32900		5.6	
Iron	ND		77.4	J	NC	
Lead	ND		2.2	J	NC	
Magnesium	7530		7190		4.6	
Manganese	54.5		50.4		7.8	
Mercury	ND		0.074	J	NC	
Potassium	5050		4530	J	10.9	
Sodium	37900		34500		9.4	
Zinc	3.2	B	16.6	J	NC	
Available Cyanide, mg/L	0.021	J	0.016	J	27.0	
Sulfide, mg/L	ND		ND		NC	
Bicarbonate Alkalinity, mg/L	60.2		60.2		0.0	
Chloride, mg/L	66.0		63.4		4.0	
Sulfate, mg/L	49.9		46.4		7.3	

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0T1 **Client ID:** CO25-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	19:41
Arsenic	**189.04**	**2.0**	**10.0**	**5.7**	B J	**1**	**ICPST**	**1/11/02**	**19:41**
Barium	**493.41**	**0.14**	**200**	**51.9**	B J	**1**	**ICPST**	**1/11/02**	**19:41**
Beryllium	**313.04**	**0.40**	**5.0**	**6.6**		**1**	**ICPST**	**1/11/02**	**19:41**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	19:41
Chromium	**267.72**	**1.1**	**5.0**	**1.3**	B J	**1**	**ICPST**	**1/11/02**	**19:41**
Cobalt	**228.62**	**0.86**	**50.0**	**0.98**	B J	**1**	**ICPST**	**1/11/02**	**19:41**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	19:41
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	19:41
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/11/02	19:41
Selenium	**220.35**	**3.2**	**5.0**	**7.9**		**1**	**ICPST**	**1/11/02**	**19:41**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	19:41
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	19:41
Tin	189.99	28.8	100	33.1	B J	1	ICP	1/9/02	20:13
Vanadium	292.40	1.5	50.0	3370		1	ICPST	1/11/02	19:41
Zinc	**213.86**	**1.5**	**20.0**	**14.6**	B J	**1**	**ICPST**	**1/11/02**	**19:41**

2/1/02

Comments: Lot #: C1L210317 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0T4 **Client ID:** CO06-PZM039

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	19:45
Arsenic	**189.04**	**2.0**	**10.0**	**21.8**		**1**	**ICPST**	**1/11/02**	**19:45**
Barium	**493.41**	**0.14**	**200**	**222**		**1**	**ICPST**	**1/11/02**	**19:45**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	19:45
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	19:45
Calcium	**317.93**	**12.2**	**5000**	**121000**		**1**	**ICPST**	**1/11/02**	**19:45**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	19:45
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	19:45
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	19:45
Iron	**271.44**	**45.0**	**100**	**61800**		**1**	**ICPST**	**1/11/02**	**19:45**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	19:45
Magnesium	**279.08**	**7.1**	**5000**	**56000**		**1**	**ICPST**	**1/11/02**	**19:45**
Manganese	**257.61**	**0.47**	**15.0**	**1460**		**1**	**ICPST**	**1/11/02**	**19:45**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/11/02	19:45
Potassium	766.49	519	5000	15300		1	ICP	1/9/02	20:16
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	19:45
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	19:45
Sodium	589	15.0	5000	369000		1	ICP	1/9/02	20:16
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	19:45
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	20:16
Vanadium	**292.40**	**1.5**	**50.0**	**14.5**	**B**	1	**ICPST**	**1/11/02**	**19:45**
Zinc	**213.86**	**1.5**	**20.0**	**3.9**	**B**	1	**ICPST**	**1/11/02**	**19:45**

SMK 2/11/2002

Comments: Lot #: C1L210317 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0TL **Client ID:** CO13-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	19:10
Arsenic	**189.04**	**2.0**	**10.0**	**7.4**	**B**	**J 1**	**ICPST**	**1/11/02**	**19:10**
Barium	**493.41**	**0.14**	**200**	**43.3**	**B**	**J 1**	**ICPST**	**1/11/02**	**19:10**
Beryllium	**313.04**	**0.40**	**5.0**	**2.7**	**B**	**B 1**	**ICPST**	**1/11/02**	**19:10**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	19:10
Calcium	**317.93**	**12.2**	**5000**	**548000**		**1**	**ICPST**	**1/11/02**	**19:10**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	19:10
Cobalt	**228.62**	**0.86**	**50.0**	**1.2**	**B**	**J 1**	**ICPST**	**1/11/02**	**19:10**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	19:10
Iron	**271.44**	**45.0**	**100**	**1010**		**1**	**ICPST**	**1/11/02**	**19:10**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	19:10
Magnesium	**279.08**	**7.1**	**5000**	**312**	**B**	**J 1**	**ICPST**	**1/11/02**	**19:10**
Manganese	**257.61**	**0.47**	**15.0**	**6.4**	**B**	**J 1**	**ICPST**	**1/11/02**	**19:10**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/11/02	19:10
Potassium	766.49	519	5000	30400		1	ICP	1/9/02	19:57
Selenium	**220.35**	**3.2**	**5.0**	**7.6**		**1**	**ICPST**	**1/11/02**	**19:10**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	19:10
Sodium	**589**	**15.0**	**5000**	**98900**		**1**	**ICP**	**1/9/02**	**19:57**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	19:10
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	19:57
Vanadium	**292.40**	**1.5**	**50.0**	**1330**		**1**	**ICPST**	**1/11/02**	**19:10**
Zinc	**213.86**	**1.5**	**20.0**	**2.7**	**B**	**B 1**	**ICPST**	**1/11/02**	**19:10**

SMK 2/11/02

Comments: Lot #: C1L210317 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0TN **Client ID:** CO26-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	19:14
Arsenic	**189.04**	**2.0**	**10.0**	**5.2**	J	1	**ICPST**	**1/11/02**	**19:14**
Barium	**493.41**	**0.14**	**200**	**151**	J	1	**ICPST**	**1/11/02**	**19:14**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	19:14
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	19:14
Calcium	**317.93**	**12.2**	**5000**	**414000**		**1**	**ICPST**	**1/11/02**	**19:14**
Chromium	**267.72**	**1.1**	**5.0**	**6.7**		**1**	**ICPST**	**1/11/02**	**19:14**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	19:14
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	19:14
Iron	**271.44**	**45.0**	**100**	**974**		**1**	**ICPST**	**1/11/02**	**19:14**
Lead	**220.35**	**1.8**	**3.0**	**4.5**		**1**	**ICPST**	**1/11/02**	**19:14**
Magnesium	**279.08**	**7.1**	**5000**	**257**	J	1	**ICPST**	**1/11/02**	**19:14**
Manganese	**257.61**	**0.47**	**15.0**	**173**		**1**	**ICPST**	**1/11/02**	**19:14**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/11/02	19:14
Potassium	766.49	519	5000	41000		1	ICP	1/9/02	20:00
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	19:14
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	19:14
Sodium	**589**	**15.0**	**5000**	**148000**		**1**	**ICP**	**1/9/02**	**20:00**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/12/02	12:03
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	20:00
Vanadium	**292.40**	**1.5**	**50.0**	**252**		**1**	**ICPST**	**1/11/02**	**19:14**
Zinc	**213.86**	**1.5**	**20.0**	**6.0**	B	1	**ICPST**	**1/11/02**	**19:14**

smk 2/1/2002

Comments: Lot #: C1L210317 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0TQ **Client ID:** CO05-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	19:19
Arsenic	**189.04**	**2.0**	**10.0**	**62.4**		**1**	**ICPST**	**1/11/02**	**19:19**
Barium	**493.41**	**0.14**	**200**	**40.1**	~~B~~ J	**1**	**ICPST**	**1/11/02**	**19:19**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	19:19
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	19:19
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	19:19
Cobalt	**228.62**	**0.86**	**50.0**	**2.2**	~~B~~ J	**1**	**ICPST**	**1/11/02**	**19:19**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	19:19
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	19:19
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/11/02	19:19
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	19:19
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	19:19
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	19:19
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	20:04
Vanadium	292.40	1.5	50.0	78.8		1	ICPST	1/11/02	19:19
Zinc	**213.86**	**1.5**	**20.0**	**2.0**	~~B~~	B **1**	**ICPST**	**1/11/02**	**19:19**

smt 2/1/2002

Comments: Lot #: C1L210317 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0TT **Client ID:** CO22-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	19:32
Arsenic	**189.04**	**2.0**	**10.0**	**5.7**	J	1	**ICPST**	**1/11/02**	**19:32**
Barium	**493.41**	**0.14**	**200**	**69.4**	J	1	**ICPST**	**1/11/02**	**19:32**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	19:32
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	19:32
Calcium	**317.93**	**12.2**	**5000**	**33600**		1	**ICPST**	**1/11/02**	**19:32**
Chromium	**267.72**	**1.1**	**5.0**	**1.1**	J	1	**ICPST**	**1/11/02**	**19:32**
Cobalt	**228.62**	**0.86**	**50.0**	**2.5**	J	1	**ICPST**	**1/11/02**	**19:32**
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	19:32
Iron	**271.44**	**45.0**	**100**	**1060**		1	**ICPST**	**1/11/02**	**19:32**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	19:32
Magnesium	**279.08**	**7.1**	**5000**	**42900**		1	**ICPST**	**1/11/02**	**19:32**
Manganese	**257.61**	**0.47**	**15.0**	**134**		1	**ICPST**	**1/11/02**	**19:32**
Nickel	231.60	2.4	40.0	2.9	J	1	ICPST	1/11/02	19:32
Potassium	766.49	519	5000	17700		1	ICP	1/9/02	20:07
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	19:32
Silver	**328.07**	**0.75**	**5.0**	**0.83**	J	1	**ICPST**	**1/11/02**	**19:32**
Sodium	**589**	**15.0**	**5000**	**146000**		1	**ICP**	**1/9/02**	**20:07**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	19:32
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	20:07
Vanadium	**292.40**	**1.5**	**50.0**	**4.2**	J	1	**ICPST**	**1/11/02**	**19:32**
Zinc	**213.86**	**1.5**	**20.0**	**4.4**	B	1	**ICPST**	**1/11/02**	**19:32**

smt 2/1/2002

Comments: Lot #: C1L210317 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0TX **Client ID:** CO20-PZM004

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	19:36
Arsenic	**189.04**	**2.0**	**10.0**	**19.3**		**1**	**ICPST**	**1/11/02**	**19:36**
Barium	**493.41**	**0.14**	**200**	**22.5**	~~B~~ J	1	**ICPST**	**1/11/02**	**19:36**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	19:36
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	19:36
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	19:36
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	19:36
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	19:36
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	19:36
Nickel	**231.60**	**2.4**	**40.0**	**5.2**	~~B~~ J	1	**ICPST**	**1/11/02**	**19:36**
Selenium	**220.35**	**3.2**	**5.0**	**4.7**	~~B~~ J	1	**ICPST**	**1/11/02**	**19:36**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	19:36
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	19:36
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	20:10
Vanadium	292.40	1.5	50.0	11.7	~~B~~ J	1	ICPST	1/11/02	19:36
Zinc	**213.86**	**1.5**	**20.0**	**2.5**	~~B~~ J	1	**ICPST**	**1/11/02**	**19:36**

SMK 2/1/02

Comments: Lot #: C1L210317 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0VX **Client ID:** CO06-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	20:03
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/11/02	20:03
Barium	**493.41**	**0.14**	**200**	**18.5**	~~B~~ J	1	ICPST	**1/11/02**	**20:03**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	20:03
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	20:03
Calcium	**317.93**	**12.2**	**5000**	**34800**		1	ICPST	**1/11/02**	**20:03**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	20:03
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	20:03
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	20:03
Iron	271.44	45.0	100	45.0	U	1	ICPST	1/11/02	20:03
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	20:03
Magnesium	**279.08**	**7.1**	**5000**	**7530**		1	ICPST	**1/11/02**	**20:03**
Manganese	**257.61**	**0.47**	**15.0**	**54.5**		1	ICPST	**1/11/02**	**20:03**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/11/02	20:03
Potassium	766.49	519	5000	5050		1	ICP	1/9/02	20:35
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	20:03
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	20:03
Sodium	**589**	**15.0**	**5000**	**37900**		1	ICP	**1/9/02**	**20:35**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	20:03
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	20:35
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/11/02	20:03
Zinc	**213.86**	**1.5**	**20.0**	**3.2**	~~B~~	B 1	ICPST	**1/11/02**	**20:03**

smt 2/1/02

Comments: Lot #: C1L210317 Sample #: 11

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0V6 **Client ID:** C006-PZM008 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	20:29
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/11/02	20:29
Barium	**493.41**	**0.14**	**200**	**17.8**	~~B~~ J	1	**ICPST**	**1/11/02**	**20:29**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	20:29
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	20:29
Calcium	**317.93**	**12.2**	**5000**	**32900**		1	**ICPST**	**1/11/02**	**20:29**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	20:29
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	20:29
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	20:29
Iron	**271.44**	**45.0**	**100**	**77.4**	~~B~~ J	1	**ICPST**	**1/11/02**	**20:29**
Lead	**220.35**	**1.8**	**3.0**	**2.2**	~~B~~ J	1	**ICPST**	**1/11/02**	**20:29**
Magnesium	**279.08**	**7.1**	**5000**	**7190**		1	**ICPST**	**1/11/02**	**20:29**
Manganese	**257.61**	**0.47**	**15.0**	**50.4**		1	**ICPST**	**1/11/02**	**20:29**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/11/02	20:29
Potassium	766.49	519	5000	4530	~~B~~ J	1	ICP	1/9/02	20:48
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	20:29
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	20:29
Sodium	**589**	**15.0**	**5000**	**34500**		1	**ICP**	**1/9/02**	**20:48**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	20:29
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	20:48
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/11/02	20:29
Zinc	**213.86**	**1.5**	**20.0**	**16.6**	~~B~~ J	1	**ICPST**	**1/11/02**	**20:29**

SMT 2/1/2002

Comments: Lot #: C1L210317 Sample #: 12

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0V9 **Client ID:** CP03-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	8.2	20.0	15.5	~~B~~ J	2	ICPST	1/11/02	20:38
Arsenic	189.04	2.0	10.0	116		1	ICPST	1/11/02	20:34
Barium	493.41	0.14	200	1340		1	ICPST	1/11/02	20:34
Beryllium	313.04	0.40	5.0	7.2		1	ICPST	1/11/02	20:34
Cadmium	226.50	1.3	10.0	5.0	~~B~~ J	2	ICPST	1/11/02	20:38
Chromium	267.72	1.1	5.0	1390		1	ICPST	1/11/02	20:34
Cobalt	228.62	0.86	50.0	80.5		1	ICPST	1/11/02	20:34
Copper	324.75	0.77	25.0	1550		1	ICPST	1/11/02	20:34
Lead	220.35	3.6	6.0	1600		2	ICPST	1/11/02	20:38
Nickel	231.60	2.4	40.0	589		1	ICPST	1/11/02	20:34
Selenium	220.35	16.0	25.0	16.0	U	5	ICPST	1/11/02	20:42
Silver	328.07	0.75	5.0	2.7	~~B~~ J	1	ICPST	1/11/02	20:34
Thallium	190.86	28.7	50.0	28.7	U	5	ICPST	1/11/02	20:42
Tin	189.99	57.6	200	287		2	ICP	1/10/02	13:47
Vanadium	292.40	3.0	100	1290		2	ICPST	1/11/02	20:38
Zinc	213.86	3.0	40.0	2230		2	ICPST	1/11/02	20:38

smt 2/11/02

Comments: Lot #: CIL210317 Sample #: 13

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0VL **Client ID:** CO23-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	19:54
Arsenic	**189.04**	**2.0**	**10.0**	**5.7**	B J	1	**ICPST**	**1/11/02**	**19:54**
Barium	**493.41**	**0.14**	**200**	**29.5**	B J	1	**ICPST**	**1/11/02**	**19:54**
Beryllium	**313.04**	**0.40**	**5.0**	**1.6**	B J	1	**ICPST**	**1/11/02**	**19:54**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	19:54
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	19:54
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	19:54
Copper	**324.75**	**0.77**	**25.0**	**1.0**	B J	1	**ICPST**	**1/11/02**	**19:54**
Lead	**220.35**	**1.8**	**3.0**	**3.4**		1	**ICPST**	**1/11/02**	**19:54**
Nickel	**231.60**	**2.4**	**40.0**	**2.8**	B J	1	**ICPST**	**1/11/02**	**19:54**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	19:54
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	19:54
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	19:54
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	20:22
Vanadium	292.40	1.5	50.0	805		1	ICPST	1/11/02	19:54
Zinc	**213.86**	**1.5**	**20.0**	**7.8**	B	1	**ICPST**	**1/11/02**	**19:54**

SMK 2/11/2002

Comments: Lot #: C1L210317 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K1 **Client ID:** CO17-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	20:47
Arsenic	**189.04**	**2.0**	**10.0**	**14.7**		**1**	**ICPST**	**1/11/02**	**20:47**
Barium	**493.41**	**0.14**	**200**	**34.6**	~~B~~ J	1	**ICPST**	**1/11/02**	**20:47**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	20:47
Cadmium	226.50	0.63	5.0	0.83	~~B~~ J	1	ICPST	1/11/02	20:47
Chromium	**267.72**	**1.1**	**5.0**	**16.5**		**1**	**ICPST**	**1/11/02**	**20:47**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	20:47
Copper	**324.75**	**0.77**	**25.0**	**9.5**	~~B~~ J	1	**ICPST**	**1/11/02**	**20:47**
Lead	**220.35**	**1.8**	**3.0**	**453**		**1**	**ICPST**	**1/11/02**	**20:47**
Nickel	**231.60**	**2.4**	**40.0**	**6.7**	~~B~~ J	1	**ICPST**	**1/11/02**	**20:47**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	20:47
Silver	**328.07**	**0.75**	**5.0**	**0.95**	~~B~~ J	1	**ICPST**	**1/11/02**	**20:47**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	20:47
Tin	189.99	28.8	100	70.5	~~B~~ J	1	ICP	1/9/02	20:54
Vanadium	292.40	1.5	50.0	43.0	~~B~~ J	1	ICPST	1/11/02	20:47
Zinc	**213.86**	**1.5**	**20.0**	**233**		**1**	**ICPST**	**1/11/02**	**20:47**

SMK 2/1/2002

Comments: Lot #: CIL220140 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K2 **Client ID:** CO18-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	20:51
Arsenic	**189.04**	**2.0**	**10.0**	**8.7**	B	1	ICPST	**1/11/02**	**20:51**
Barium	**493.41**	**0.14**	**200**	**56.2**	B	1	ICPST	**1/11/02**	**20:51**
Beryllium	**313.04**	**0.40**	**5.0**	**0.43**	B	1	ICPST	**1/11/02**	**20:51**
Cadmium	226.50	0.63	5.0	1.8	B	1	ICPST	1/11/02	20:51
Chromium	**267.72**	**1.1**	**5.0**	**18.3**		1	ICPST	**1/11/02**	**20:51**
Cobalt	**228.62**	**0.86**	**50.0**	**1.9**	B	1	ICPST	**1/11/02**	**20:51**
Copper	**324.75**	**0.77**	**25.0**	**26.4**		1	ICPST	**1/11/02**	**20:51**
Lead	**220.35**	**1.8**	**3.0**	**522**		1	ICPST	**1/11/02**	**20:51**
Nickel	**231.60**	**2.4**	**40.0**	**12.5**	B	1	ICPST	**1/11/02**	**20:51**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	20:51
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	20:51
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	20:51
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	20:57
Vanadium	292.40	1.5	50.0	31.0	B	1	ICPST	1/11/02	20:51
Zinc	**213.86**	**1.5**	**20.0**	**1410**		1	ICPST	**1/11/02**	**20:51**

SMK 2/1/2002

Comments: Lot #: C1L220140 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K3 **Client ID:** CO16-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	20:56
Arsenic	**189.04**	**2.0**	**10.0**	**5.9**	~~B~~ J	1	ICPST	**1/11/02**	**20:56**
Barium	**493.41**	**0.14**	**200**	**84.7**	~~B~~ J	1	ICPST	**1/11/02**	**20:56**
Beryllium	**313.04**	**0.40**	**5.0**	**1.1**	~~B~~ B	1	ICPST	**1/11/02**	**20:56**
Cadmium	226.50	0.63	5.0	0.77	~~B~~ J	1	ICPST	1/11/02	20:56
Chromium	**267.72**	**1.1**	**5.0**	**41.5**		1	ICPST	**1/11/02**	**20:56**
Cobalt	**228.62**	**0.86**	**50.0**	**1.2**	~~B~~ J	1	ICPST	**1/11/02**	**20:56**
Copper	**324.75**	**0.77**	**25.0**	**14.3**	~~B~~ J	1	ICPST	**1/11/02**	**20:56**
Lead	**220.35**	**1.8**	**3.0**	**137**		1	ICPST	**1/11/02**	**20:56**
Nickel	**231.60**	**2.4**	**40.0**	**6.2**	~~B~~ J	1	ICPST	**1/11/02**	**20:56**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	20:56
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	20:56
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	20:56
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	21:00
Vanadium	292.40	1.5	50.0	538		1	ICPST	1/11/02	20:56
Zinc	**213.86**	**1.5**	**20.0**	**309**		1	ICPST	**1/11/02**	**20:56**

SMM 2/11/2002

Comments: Lot #: C1L220140 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K4 **Client ID:** SW18-PZM053

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	21:00
Arsenic	**189.04**	**2.0**	**10.0**	**40.0**		**1**	**ICPST**	**1/11/02**	**21:00**
Barium	**493.41**	**0.14**	**200**	**340**		**1**	**ICPST**	**1/11/02**	**21:00**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	21:00
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	21:00
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	21:00
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	21:00
Copper	**324.75**	**0.77**	**25.0**	**1.2**	**B** J	**1**	**ICPST**	**1/11/02**	**21:00**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/12/02	12:07
Nickel	**231.60**	**2.4**	**40.0**	**2.6**	**B** J	**1**	**ICPST**	**1/11/02**	**21:00**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	21:00
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	21:00
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	21:00
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	21:03
Vanadium	292.40	1.5	50.0	56.5		1	ICPST	1/11/02	21:00
Zinc	**213.86**	**1.5**	**20.0**	**3.1**	**B** J	**1**	**ICPST**	**1/11/02**	**21:00**

smt 2/1/2002

Comments: Lot #: C1L220140 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K5 **Client ID:** CO12-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	21:04
Arsenic	**189.04**	**2.0**	**10.0**	**3.9**	~~B~~ J	1	ICPST	1/11/02	21:04
Barium	**493.41**	**0.14**	**200**	**29.1**	~~B~~ J	1	ICPST	1/11/02	21:04
Beryllium	**313.04**	**0.40**	**5.0**	**0.60**	~~B~~ B	1	ICPST	1/11/02	21:04
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	21:04
Calcium	**317.93**	**12.2**	**5000**	**176000**		**1**	**ICPST**	**1/11/02**	**21:04**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	21:04
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	21:04
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	21:04
Iron	**271.44**	**45.0**	**100**	**425**		**1**	**ICPST**	**1/11/02**	**21:04**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	21:04
Magnesium	**279.08**	**7.1**	**5000**	**42.5**	~~B~~ J	1	ICPST	1/11/02	21:04
Manganese	**257.61**	**0.47**	**15.0**	**1.6**	~~B~~ B	1	ICPST	1/11/02	21:04
Nickel	231.60	2.4	40.0	2.5	~~B~~ J	1	ICPST	1/11/02	21:04
Potassium	766.49	519	5000	33700		1	ICP	1/9/02	21:13
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	21:04
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	21:04
Sodium	**589**	**15.0**	**5000**	**127000**		**1**	**ICP**	**1/9/02**	**21:13**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	21:04
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	21:13
Vanadium	292.40	1.5	50.0	340		1	ICPST	1/11/02	21:04
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/11/02	21:04

Comments: Lot #: CIL220140 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K6 **Client ID:** CO24-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	21:18
Arsenic	**189.04**	**2.0**	**10.0**	**5.7**	~~B~~ J	1	**ICPST**	**1/11/02**	**21:18**
Barium	**493.41**	**0.14**	**200**	**54.0**	~~B~~ J	1	**ICPST**	**1/11/02**	**21:18**
Beryllium	**313.04**	**0.40**	**5.0**	**1.3**	~~B~~ B	1	**ICPST**	**1/11/02**	**21:18**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	21:18
Chromium	**267.72**	**1.1**	**5.0**	**7.5**		1	**ICPST**	**1/11/02**	**21:18**
Cobalt	**228.62**	**0.86**	**50.0**	**32.4**	~~B~~ J	1	**ICPST**	**1/11/02**	**21:18**
Copper	**324.75**	**0.77**	**25.0**	**3.3**	~~B~~ J	1	**ICPST**	**1/11/02**	**21:18**
Lead	**220.35**	**1.8**	**3.0**	**39.2**		1	**ICPST**	**1/11/02**	**21:18**
Nickel	**231.60**	**2.4**	**40.0**	**3.0**	~~B~~ J	1	**ICPST**	**1/11/02**	**21:18**
Selenium	**220.35**	**3.2**	**5.0**	**4.8**	~~B~~ B	1	**ICPST**	**1/11/02**	**21:18**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	21:18
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	21:18
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	21:16
Vanadium	292.40	1.5	50.0	659		1	ICPST	1/11/02	21:18
Zinc	**213.86**	**1.5**	**20.0**	**37.8**		1	**ICPST**	**1/11/02**	**21:18**

smk 2/1/02

Comments: Lot #: C1L220140 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K7 **Client ID:** CO07-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	21:22
Arsenic	**189.04**	**2.0**	**10.0**	**5.4**	B J	1	ICPST	**1/11/02**	**21:22**
Barium	**493.41**	**0.14**	**200**	**32.7**	B J	1	ICPST	**1/11/02**	**21:22**
Beryllium	**313.04**	**0.40**	**5.0**	**1.0**	B B	1	ICPST	**1/11/02**	**21:22**
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	21:22
Calcium	**317.93**	**12.2**	**5000**	**105000**		1	ICPST	**1/11/02**	**21:22**
Chromium	**267.72**	**1.1**	**5.0**	**2.4**	B J	1	ICPST	**1/11/02**	**21:22**
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	21:22
Copper	**324.75**	**0.77**	**25.0**	**2.1**	B J	1	ICPST	**1/11/02**	**21:22**
Iron	**271.44**	**45.0**	**100**	**1140**		1	ICPST	**1/11/02**	**21:22**
Lead	**220.35**	**1.8**	**3.0**	**24.9**		1	ICPST	**1/11/02**	**21:22**
Magnesium	**279.08**	**7.1**	**5000**	**151**	B J	1	ICPST	**1/11/02**	**21:22**
Manganese	**257.61**	**0.47**	**15.0**	**74.8**		1	ICPST	**1/11/02**	**21:22**
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/11/02	21:22
Potassium	766.49	519	5000	36700		1	ICP	1/9/02	21:19
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	21:22
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	21:22
Sodium	**589**	**15.0**	**5000**	**106000**		**1**	ICP	**1/9/02**	**21:19**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	21:22
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	21:19
Vanadium	**292.40**	**1.5**	**50.0**	**461**		1	ICPST	**1/11/02**	**21:22**
Zinc	**213.86**	**1.5**	**20.0**	**53.4**		1	ICPST	**1/11/02**	**21:22**

Comments: Lot #: C1L220140 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0VT **Client ID:** EQUIP BLANK#4

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	19:58
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/11/02	19:58
Barium	**493.41**	**0.14**	**200**	**1.8**	~~B~~ J	**1**	**ICPST**	**1/11/02**	**19:58**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	19:58
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	19:58
Calcium	**317.93**	**12.2**	**5000**	**955**	~~B~~ J	**1**	**ICPST**	**1/11/02**	**19:58**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	19:58
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	19:58
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	19:58
Iron	271.44	45.0	100	45.0	U	1	ICPST	1/11/02	19:58
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	19:58
Magnesium	**279.08**	**7.1**	**5000**	**326**	~~B~~ J	**1**	**ICPST**	**1/11/02**	**19:58**
Manganese	257.61	0.47	15.0	0.47	U	1	ICPST	1/11/02	19:58
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/11/02	19:58
Potassium	766.49	519	5000	356	~~B~~ J	1	ICP	1/9/02	20:26
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	19:58
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	19:58
Sodium	**589**	**15.0**	**5000**	**458**	~~B~~ J	**1**	**ICP**	**1/9/02**	**20:26**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	19:58
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	20:26
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/11/02	19:58
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/11/02	19:58

Comments: Lot #: C1L210317 Sample #: 10

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0VD **Client ID:** EQUIP BLANK#3

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365105

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	19:50
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/11/02	19:50
Barium	**493.41**	**0.14**	**200**	**1.8**	~~B~~ J	1	**ICPST**	**1/11/02**	**19:50**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	19:50
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	19:50
Calcium	**317.93**	**12.2**	**5000**	**959**	~~B~~ J	1	**ICPST**	**1/11/02**	**19:50**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	19:50
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	19:50
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	19:50
Iron	271.44	45.0	100	45.0	U	1	ICPST	1/11/02	19:50
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	19:50
Magnesium	**279.08**	**7.1**	**5000**	**323**	~~B~~ J	1	**ICPST**	**1/11/02**	**19:50**
Manganese	257.61	0.47	15.0	0.47	U	1	ICPST	1/11/02	19:50
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/11/02	19:50
Potassium	766.49	519	5000	582	~~B~~ J	1	ICP	1/9/02	20:19
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	19:50
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	19:50
Sodium	589	**15.0**	**5000**	**447**	~~B~~ J	1	**ICP**	**1/9/02**	**20:19**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	19:50
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	20:19
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/11/02	19:50
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/11/02	19:50

Comments: Lot #: C1L210317 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0T1 **Client ID:** CO25-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	13:38

Comments: Lot #: C1L210317 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0T4 **Client ID:** CO06-PZM039

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	13:40

Comments: Lot #: C1L210317 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0TL **Client ID:** CO13-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.071	B	J1	CVAA	12/31/01	13:31

Comments: Lot #: C1L210317 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0TN **Client ID:** CO26-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	13:32

Comments: Lot #: C1L210317 Sample #: 2

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0TQ **Client ID:** CO05-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	13:34

Comments: Lot #: CIL210317 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0TT **Client ID:** CO22-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.071	B	1	CVAA	12/31/01	13:35

Comments: Lot #: C1L210317 Sample #: 4

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0TX **Client ID:** CO20-PZM004

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	13:37

Comments: Lot #: C1L210317 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0V6 **Client ID:** C006-PZM008 DUP

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	13:54

Comments: Lot #: C1L210317 Sample #: 12

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0V9 **Client ID:** CP03-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	1.0		1	CVAA	12/31/01	13:55

Comments: Lot #: C1L210317 Sample #: 13

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0VD **Client ID:** EQUIP BLANK#3

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	13:42

Comments: Lot #: C1L210317 Sample #: 8

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0VL **Client ID:** CO23-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	13:43

Comments: Lot #: C1L210317 Sample #: 9

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0VT **Client ID:** EQUIP BLANK#4

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	13:47

Comments: Lot #: C1L210317 Sample #: 10

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ0VX **Client ID:** CO06-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.074	B J	1	CVAA	12/31/01	13:49

Comments: Lot #: C1L210317 Sample #: 11

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K1 **Client ID:** CO17-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	13:57

Comments: Lot #: C1L220140 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K2 **Client ID:** CO18-PZM006

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.29		1	CVAA	12/31/01	13:58

Comments: Lot #: C1L220140 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K3 **Client ID:** CO16-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.063	B	J1	CVAA	12/31/01	14:00

Comments: Lot #: C1L220140 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K4 **Client ID:** SW18-PZM053

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.063	J	1	CVAA	12/31/01	14:01

Comments: Lot #: C1L220140 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K5 **Client ID:** CO12-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	14:06

Comments: Lot #: C1L220140 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K6 **Client ID:** CO24-PZM007

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.086	~~B~~ J	1	CVAA	12/31/01	14:08

Comments: Lot #: C1L220140 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K7 **Client ID:** CO07-PZM005

Matrix: Water **Units:** ug/L **Prep Date:** 12/31/01 **Prep Batch:** 1365114

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	12/31/01	14:09

Comments: Lot #: C1L220140 Sample #: 7

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

CH2M Hill BS Sparrows Point

Bicarbonate Alkalinity

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 310.1
Lot Number: C1L210317
Date/Time Received: 12/21/01 10:15:00AM
SDG Number: SPC007

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO13-PZM008	001	EQ0TL1A4	ND	mg/L	5.0	1	1/2/02 -1/2/02	2002376
CO26-PZM008	002	EQ0TN1AF	ND	mg/L	5.0	1	1/2/02 -1/2/02	2002376
CO22-PZM005	004	EQ0TT1AF	116	mg/L	5.0	1	1/2/02 -1/2/02	2002376
CO06-PZM039	007	EQ0T41AF	213	mg/L	5.0	1	1/2/02 -1/2/02	2002376
EQUIP BLANK#3	008	EQ0VD1AF	ND	mg/L	5.0	1	1/2/02 -1/2/02	2002376
EQUIP BLANK#4	010	EQ0VT1AF	ND	mg/L	5.0	1	1/2/02 -1/2/02	2002376
CO06-PZM008	011	EQ0VX1AP	60.2	mg/L	5.0	1	1/2/02 -1/2/02	2002376
C006-PZM008 DUP	012	EQ0V61AF	60.2	mg/L	5.0	1	1/2/02 -1/2/02	2002376
CO12-PZM008	005	EQ1K51A4	ND	mg/L	5.0	1	1/2/02 -1/2/02	2002377
CO07-PZM005	007	EQ1K71AF	ND	mg/L	5.0	1	1/2/02 -1/2/02	2002377

CH2M Hill BS Sparrows Point

Available Cyanide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 1677 - Cyani
Lot Number: C1L210317
Date/Time Received: 12/21/01 10:15:00AM
SDG Number: SPC007

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO13-PZM008	001	EQ0TL1A0	0.13 J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290
CO26-PZM008	002	EQ0TN1AA	0.15 J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290
CO05-PZM006	003	EQ0TQ1A0	4.5 J	mg/L	0.10	50	1/3/02 - 1/3/02	2011290
CO22-PZM005	004	EQ0TT1AA	4.3 J	mg/L	0.10	50	1/3/02 - 1/3/02	2011290
CO20-PZM004	005	EQ0TX1AA	0.36 J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290
CO25-PZM008	006	EQ0T11AA	0.52 J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290
CO06-PZM039	007	EQ0T41AA	0.029 J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290
EQUIP BLANK#3	008	EQ0VD1AA	0.00030 B J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290
CO23-PZM005	009	EQ0VL1AA	3.4 J	mg/L	0.10	50	1/3/02 - 1/3/02	2011290
EQUIP BLANK#4	010	EQ0VT1AA	0.00030 B J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290
CO08-PZM008	011	EQ0VX1AA	0.021 J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290
C008-PZM008 DUP	012	EQ0V61AA	0.016 J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290
CP03-PZM005	013	EQ0V91AX	0.14 J	mg/L	0.0020	1	1/3/02 - 1/3/02	2011290
CO17-PZM005	001	EQ1K11A0	0.27	mg/L	0.0020	1	1/4/02 - 1/4/02	2003351
CO18-PZM008	002	EQ1K21AA	0.035	mg/L	0.0020	1	1/4/02 - 1/4/02	2003351
CO16-PZM008	003	EQ1K31AA	0.33	mg/L	0.0020	1	1/4/02 - 1/4/02	2003351
SW18-PZM053	004	EQ1K41AA	0.44	mg/L	0.0020	1	1/4/02 - 1/4/02	2003351
CO12-PZM008	005	EQ1K51AA	1.1	mg/L	0.010	5	1/4/02 - 1/4/02	2003351
CO24-PZM007	006	EQ1K61A0	0.091	mg/L	0.0020	1	1/4/02 - 1/4/02	2003351
CO07-PZM005	007	EQ1K71AA	3.6	mg/L	0.10	50	1/4/02 - 1/4/02	2003351

CH2M Hill BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L210317
Date/Time Received: 12/21/01 10:15:00AM
SDG Number: SPC007

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO13-PZM008	001	EQ0TL1A2	118	mg/L	1.0	1	1/9/02 - 1/9/02	2008166
CO26-PZM008	002	EQ0TN1AD	183	mg/L	1.0	1	1/9/02 - 1/9/02	2008166
CO22-PZM005	004	EQ0TT1AD	309	mg/L	5.0	5	1/9/02 - 1/9/02	2008166
CO06-PZM039	007	EQ0T41AD	880	mg/L	10.0	10	1/9/02 - 1/9/02	2008166
EQUIP BLANK#3	008	EQ0VD1AD	ND	mg/L	1.0	1	1/9/02 - 1/9/02	2008166
EQUIP BLANK#4	010	EQ0VT1AD	ND	mg/L	1.0	1	1/9/02 - 1/9/02	2008166
CO06-PZM008	011	EQ0VX1AH	66.0	mg/L	1.0	1	1/9/02 - 1/9/02	2008166
C006-PZM008 DUP	012	EQ0V61AD	63.4	mg/L	1.0	1	1/9/02 - 1/9/02	2008166
CO12-PZM008	005	EQ1K51A2	172	mg/L	1.0	1	1/9/02 - 1/11/02	2009239
CO07-PZM005	007	EQ1K71AD	140	mg/L	1.0	1	1/9/02 - 1/11/02	2009239

CH2M Hill BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L210317
Date/Time Received: 12/21/01 10:15:00AM
SDG Number: SPC007

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO13-PZM008	001	EQ0TL1A3	1590	mg/L	10.0	10	1/9/02 -1/9/02	2008171
CO26-PZM008	002	EQ0TN1AE	683	mg/L	10.0	10	1/9/02 -1/9/02	2008171
CO22-PZM005	004	EQ0TT1AE	61.3	mg/L	1.0	1	1/9/02 -1/9/02	2008171
CO06-PZM039	007	EQ0T41AE	12.6	mg/L	1.0	1	1/9/02 -1/9/02	2008171
EQUIP BLANK#3	008	EQ0VD1AE	2.3	mg/L	1.0	1	1/9/02 -1/9/02	2008171
EQUIP BLANK#4	010	EQ0VT1AE	2.1	mg/L	1.0	1	1/9/02 -1/9/02	2008171
CO06-PZM008	011	EQ0VX1AL	49.9	mg/L	1.0	1	1/9/02 -1/9/02	2008171
C006-PZM008 DUP	012	EQ0V61AE	46.4	mg/L	1.0	1	1/9/02 -1/9/02	2008171
CO12-PZM008	005	EQ1K51A3	460	mg/L	5.0	5	1/9/02 -1/11/02	2008173
CO07-PZM005	007	EQ1K71AE	140	mg/L	1.0	1	1/9/02 -1/11/02	2008173

CH2M Hill BS Sparrows Point

Total Sulfide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: SW846 9030B/9034
Lot Number: C1L210317
Date/Time Received: 12/21/01 10:15:00AM
SDG Number: SPC007

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO13-PZM008	001	EQ0TL1A1	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CO26-PZM008	002	EQ0TN1AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CO05-PZM006	003	EQ0TQ1A1	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CO22-PZM005	004	EQ0TT1AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CO20-PZM004	005	EQ0TX1AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CO25-PZM008	006	EQ0T11AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CO06-PZM039	007	EQ0T41AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
EQUIP BLANK#3	008	EQ0VD1AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CO23-PZM005	009	EQ0VL1AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
EQUIP BLANK#4	010	EQ0VT1AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CO06-PZM008	011	EQ0VX1AE	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
C006-PZM008 DUP	012	EQ0V61AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CP03-PZM005	013	EQ0V91A0	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360258
CO17-PZM005	001	EQ1K11A1	ND	mg/L	1.0	1	12/28/01 - 12/29/01	1360260
CO18-PZM008	002	EQ1K21AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360260
CO16-PZM008	003	EQ1K31AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360260
SW18-PZM053	004	EQ1K41AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360260
CO12-PZM008	005	EQ1K51AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360260
CO24-PZM007	006	EQ1K61A1	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360260
CO07-PZM005	007	EQ1K71AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360260

Data Validation Qualifier Code Glossary

B - The compound/analyte was not detected substantially above the level of the associated method blank/preparation or field blank.

J - The positive result reported for this analyte is a quantitative estimate.

U - This compound/analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.

UJ - This compound/analyte was not detected in the sample. The quantitation/detection should be considered estimated and may be inaccurate or imprecise.

R The result for this compound/analyte is unusable. The analyte may or may not be present.

K - The positive result reported for this analyte is a biased high quantitative estimate. The actual result may be lower than reported.

L - The positive result for this analyte is a biased low quantitative estimate. The actual result may be higher than reported.

UL - This compound/analyte was not detected in the sample. The actual quantitation/detection may be higher than reported.

Other Codes:

ND - There were no positive results for this analytical fraction.

NA - This parameter is not applicable to this sample.

NR - This analysis parameter was not required for this sample.

Table 1 Samples For Data Validation Review
Sparrows Point Early Site Characterization
Severn Trent Laboratories Sample Delivery Group SPC008

				ANALYSES PERFORMED							
SAMPLE I.D.	LABORATORY	DATE	MATRIX	VCTCL	SVTCL	CPCB	COPI MET	Chloride, Sulfate	BicarbonateAlkalinity	AVCN	Sulfides
CO07-PZM050-01C	C1I220141001	12/21/2001	Ground Water	X	X	X	X	X	X	X	X
CO07-PZM005-01C DUP	C1I220141002	12/5/2001	Ground Water	X	X	X	X	X	X	X	X
GL15-PZM008-01C	C1I220141003	12/5/2001	Ground Water	X	X	X	X	X	X	X	X
CO11-PZM008-01C	C1I220141004	12/5/2001	Ground Water	X	X	X			X	X	X
SW18-PZM008-01C	C1I220141005	12/5/2001	Ground Water	X	X	X	X	X	X	X	X
Equipment Blank	C1I220141006	12/5/2001	Ground Water	X	X	X	X	X	X	X	X
Trip blank	C1I220141007	12/5/2001	Ground Water	X							

VCTCL	Volatile Organic Compounds
SVTCL	Semivolatile Organic Compounds
CPCB	Polychlorinated Biphenyls
COPI MET	COPI Metals
MET	Metals
AVCN	Available Cyanide

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC008
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, and polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/21/2008
Date

1.0 DATA COMPLETENESS

The data deliverables were complete.

2.0 CHAIN OF CUSTODY DOCUMENTATION

The chain of custody documentation was complete.

3.0 HOLDING TIMES

All criteria were met. No qualifiers were applied.

5.0 INSTRUMENT PERFORMANCE

All criteria were met. No qualifiers were applied.

5.0 *INITIAL AND CONTINUING CALIBRATIONS*

All criteria were met. No qualifiers were applied.

6.0 *LABORATORY AND FIELD BLANK ANALYSIS RESULTS*

The positive acetone results reported for samples GL15-PMZ008-011 and CO11-PZM007-01C are qualitatively invalid due to the presence of this compound in associated laboratory method and/or field blanks. USEPA Region III protocol requires positive results for common contaminants, such as acetone, that are less than or equal to ten times the associated blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to acetone results has indicated this.

7.0 *SURROGATE COMPOUNDS*

All criteria were met. No qualifiers were applied.

8.0 *MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY*

All criteria were met. No qualifiers were applied.

9.0 *FIELD DUPLICATE RESULTS*

There were no field duplicate samples submitted with this SDG.

10.0 *LABORATORY CONTROL SAMPLE RESULTS*

All criteria were met. No qualifiers were applied.

11.0 *INTERNAL STANDARD PERFORMANCE*

All criteria were met. No qualifiers were applied.

12.0 *QUALITATIVE IDENTIFICATION*

All criteria were met. No qualifiers were applied.

13.0 *QUANTITATION/REPORTING LIMITS*

The samples presented below were analyzed at dilutions. The dilution analyses were performed because of the suspected presence of high levels of target compounds and/or interferences. Quantitation limits are elevated by the dilution factor for these samples for target compounds that were not detected. The elevated quantitation limits should be noted when assessing the data for these samples.

Sample	Fraction	Dilution Factor
CO07-PZM008 DUP	SVOA	10.0
SW18-PZM008-01C	VOA	10.0

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits (QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L220141 001

Sample WT/Vol: 1000 / mL
Work Order: EQ1K91AD
Dilution factor: 1

Date Received: 12/22/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: C007-PZM050

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 002
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LA1AP Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: CO07-PZM008 DUP

1/18/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L220141 003

Sample WT/Vol: 1000 / mL
Work Order: EQ1LC1AD
Dilution factor: 1

Date Received: 12/22/01
Date Extracted:12/27/01
Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: GL15-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 004
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LE1AD Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: CO11-PZM003

1/18/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 005
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LF1AF Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: SW18-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 006
Method: SW846 8082
PCBs (8082)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LH1AD Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/05/02

QC Batch: 1361542

Client Sample Id: EQUIP BLK#5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	1.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K91AC Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1362102

Client Sample Id: CO07-PZM050

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	4.1	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	**Dibenzofuran**	1.5	J
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K91AC Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1362102

Client Sample Id: CO07-PZM050

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**1.9**	**J**
86-73-7	**Fluorene**	**3.4**	**J**
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	**2-Methylnaphthalene**	**2.6**	**J**
95-48-7	**2-Methylphenol**	**1.3**	**J**
106-44-5	**4-Methylphenol**	**1.5**	**J**
91-20-3	**Naphthalene**	**27**	
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**5.5**	**J**
108-95-2	**Phenol**	**5.2** ✓	**J**
129-00-0	**Pyrene**	**1.0**	**J**
110-86-1	Pyridine	20	U

SMK 2/2/2002

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC008

Matrix: (soil/water) WATER Lab Sample ID: C1L220141 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1K91AC Date Extracted: 12/27/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1362102

Client Sample Id: CO07-PZM050

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMK 2/12/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LA1AN Date Extracted:12/27/01
Dilution factor: 10 Date Analyzed: 01/07/02

QC Batch: 1362102

Client Sample Id: CO07-PZM008 DUP

1/18/02 A=D

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	9.8	J
208-96-8	Acenaphthylene	100	U
120-12-7	Anthracene	100	U
56-55-3	Benzo(a)anthracene	100	U
205-99-2	Benzo(b)fluoranthene	100	U
207-08-9	Benzo(k)fluoranthene	100	U
191-24-2	Benzo(ghi)perylene	100	U
50-32-8	Benzo(a)pyrene	100	U
111-91-1	bis(2-Chloroethoxy)methane	100	U
111-44-4	bis(2-Chloroethyl) ether	100	U
117-81-7	bis(2-Ethylhexyl) phthalate	100	U
101-55-3	4-Bromophenyl phenyl ether	100	U
85-68-7	Butyl benzyl phthalate	100	U
59-50-7	4-Chloro-3-methylphenol	100	U
91-58-7	2-Chloronaphthalene	100	U
95-57-8	2-Chlorophenol	100	U
7005-72-3	4-Chlorophenyl phenyl ether	100	U
218-01-9	Chrysene	100	U
53-70-3	Dibenz(a,h)anthracene	100	U
132-64-9	Dibenzofuran	5.8	J
84-74-2	Di-n-butyl phthalate	100	U
95-50-1	1,2-Dichlorobenzene	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
91-94-1	3,3'-Dichlorobenzidine	500	U
120-83-2	2,4-Dichlorophenol	100	U
84-66-2	Diethyl phthalate	100	U
119-93-7	3,3'-Dimethylbenzidine	500	U

smt 2/8/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LA1AN Date Extracted:12/27/01
Dilution factor: 10 Date Analyzed: 01/07/02

QC Batch: 1362102

Client Sample Id: CO07-PZM008 DUP

1/18/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	100	U
131-11-3	Dimethyl phthalate	100	U
117-84-0	Di-n-octyl phthalate	100	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
51-28-5	2,4-Dinitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	100	U
606-20-2	2,6-Dinitrotoluene	100	U
206-44-0	Fluoranthene	100	U
86-73-7	Fluorene	8.4	J
118-74-1	Hexachlorobenzene	100	U
87-68-3	Hexachlorobutadiene	100	U
77-47-4	Hexachlorocyclopentadiene	500	U
67-72-1	Hexachloroethane	100	U
193-39-5	Indeno(1,2,3-cd)pyrene	100	U
78-59-1	Isophorone	100	U
91-57-6	2-Methylnaphthalene	17	J
95-48-7	2-Methylphenol	40	J
106-44-5	4-Methylphenol	24	J
91-20-3	Naphthalene	360	
98-95-3	Nitrobenzene	100	U
88-75-5	2-Nitrophenol	100	U
100-02-7	4-Nitrophenol	500	U
76-01-7	Pentachloroethane	500	U
87-86-5	Pentachlorophenol	500	U
85-01-8	Phenanthrene	13	J
108-95-2	Phenol	39	J
129-00-0	Pyrene	100	U
110-86-1	Pyridine	200	U

SML 2/28/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 002
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LA1AN Date Extracted:12/27/01
Dilution factor: 10 Date Analyzed: 01/07/02

QC Batch: 1362102

Client Sample Id: CO07-PZM008 DUP

1/18/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	200	U

smb 2/27/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LC1AC Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1362102

Client Sample Id: GL15-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

smk 2/27/02

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LC1AC Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1362102

Client Sample Id: GL15-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U



CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 003
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LC1AC Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1362102

Client Sample Id: GL15-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

smt 1/2/02

FORM I

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC008

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L220141 004

Sample WT/Vol: 1000 / mL
Work Order: EQ1LE1AC
Dilution factor: 1

Date Received: 12/22/01
Date Extracted: 12/27/01
Date Analyzed: 01/08/02

Client Sample Id: CO11-PZM008

QC Batch: 1362102

1/18/02 HCD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	0.56	J
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

SMK 2/12/02

FORM I

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC008

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: C1L220141 004

Sample WT/Vol: 1000 / mL
Work Order: EQ1LE1AC
Dilution factor: 1

Date Received: 12/22/01
Date Extracted: 12/27/01
Date Analyzed: 01/08/02

QC Batch: 1362102

Client Sample Id: CO11-PZM008

1/18/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	**Fluoranthene**	**0.61**	**J**
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	**Naphthalene**	**2.1**	**J**
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	**Phenanthrene**	**0.62**	**J**
108-95-2	**Phenol**	**1.6**	**J**
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

smt 2/4/02

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC008

Matrix: (soil/water) WATER Lab Sample ID: C1L220141 004
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LE1AC Date Extracted: 12/27/01
Dilution factor: 1 Date Analyzed: 01/08/02

QC Batch: 1362102

Client Sample Id: CO11-PZM008 7

1/18/02 AC1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

SMA 2/2/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LF1AE Date Extracted:12/27/01
Dilution factor: 10 Date Analyzed: 01/07/02

QC Batch: 1362102

Client Sample Id: SW18-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	100	U
208-96-8	Acenaphthylene	100	U
120-12-7	Anthracene	100	U
56-55-3	Benzo(a)anthracene	100	U
205-99-2	Benzo(b)fluoranthene	100	U
207-08-9	Benzo(k)fluoranthene	100	U
191-24-2	Benzo(ghi)perylene	100	U
50-32-8	Benzo(a)pyrene	100	U
111-91-1	bis(2-Chloroethoxy)methane	100	U
111-44-4	bis(2-Chloroethyl) ether	100	U
117-81-7	bis(2-Ethylhexyl) phthalate	100	U
101-55-3	4-Bromophenyl phenyl ether	100	U
85-68-7	Butyl benzyl phthalate	100	U
59-50-7	4-Chloro-3-methylphenol	100	U
91-58-7	2-Chloronaphthalene	100	U
95-57-8	2-Chlorophenol	100	U
7005-72-3	4-Chlorophenyl phenyl ether	100	U
218-01-9	Chrysene	100	U
53-70-3	Dibenz(a,h)anthracene	100	U
132-64-9	Dibenzofuran	100	U
84-74-2	Di-n-butyl phthalate	100	U
95-50-1	1,2-Dichlorobenzene	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
91-94-1	3,3'-Dichlorobenzidine	500	U
120-83-2	2,4-Dichlorophenol	100	U
84-66-2	Diethyl phthalate	100	U
119-93-7	3,3'-Dimethylbenzidine	500	U

smk 2/27/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LF1AE Date Extracted:12/27/01
Dilution factor: 10 Date Analyzed: 01/07/02

QC Batch: 1362102

Client Sample Id: SW18-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	100	U
131-11-3	Dimethyl phthalate	100	U
117-84-0	Di-n-octyl phthalate	100	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
51-28-5	2,4-Dinitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	100	U
606-20-2	2,6-Dinitrotoluene	100	U
206-44-0	Fluoranthene	100	U
86-73-7	Fluorene	100	U
118-74-1	Hexachlorobenzene	100	U
87-68-3	Hexachlorobutadiene	100	U
77-47-4	Hexachlorocyclopentadiene	500	U
67-72-1	Hexachloroethane	100	U
193-39-5	Indeno(1,2,3-cd)pyrene	100	U
78-59-1	Isophorone	100	U
91-57-6	2-Methylnaphthalene	21	J
95-48-7	2-Methylphenol	15	J
106-44-5	4-Methylphenol	25	J
91-20-3	Naphthalene	750	
98-95-3	Nitrobenzene	100	U
88-75-5	2-Nitrophenol	100	U
100-02-7	4-Nitrophenol	500	U
76-01-7	Pentachloroethane	500	U
87-86-5	Pentachlorophenol	500	U
85-01-8	Phenanthrene	100	U
108-95-2	Phenol	22	J
129-00-0	Pyrene	100	U
110-86-1	Pyridine	200	U

smk 2/2/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 005
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LF1AE Date Extracted:12/27/01
Dilution factor: 10 Date Analyzed: 01/07/02

QC Batch: 1362102

Client Sample Id: SW18-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	200	U

SMK 2/12/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LH1AC Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1362102

Client Sample Id: EQUIP BLK#5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
120-12-7	Anthracene	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
119-93-7	3,3'-Dimethylbenzidine	50	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LH1AC Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1362102

Client Sample Id: EQUIP BLK#5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
76-01-7	Pentachloroethane	50	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	20	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 006
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ1LH1AC Date Extracted:12/27/01
Dilution factor: 1 Date Analyzed: 01/07/02

QC Batch: 1362102

Client Sample Id: EQUIP BLK#5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LA1AM Date Extracted:01/02/02
Dilution factor: 2000 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: CO07-PZM008 DUP

1/18/02 ADD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	20000	U
71-43-2	**Benzene**	**40000**	
75-25-2	Bromoform	2000	U
78-93-3	2-Butanone	10000	U
75-15-0	Carbon disulfide	2000	U
56-23-5	Carbon tetrachloride	2000	U
108-90-7	Chlorobenzene	2000	U
75-00-3	Chloroethane	4000	U
67-66-3	Chloroform	2000	U
75-34-3	1,1-Dichloroethane	2000	U
107-06-2	1,2-Dichloroethane	2000	U
75-35-4	1,1-Dichloroethene	2000	U
156-60-5	trans-1,2-Dichloroethene	2000	U
78-87-5	1,2-Dichloropropane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
10061-02-6	trans-1,3-Dichloropropene	2000	U
100-41-4	Ethylbenzene	2000	U
591-78-6	2-Hexanone	10000	U
75-09-2	Methylene chloride	4000	U
108-10-1	4-Methyl-2-pentanone	10000	U
630-20-6	1,1,1,2-Tetrachloroethane	2000	U
79-34-5	1,1,2,2-Tetrachloroethane	2000	U
127-18-4	Tetrachloroethene	2000 ✓	U
108-88-3	**Toluene**	**5100**	
71-55-6	1,1,1-Trichloroethane	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
79-01-6	Trichloroethene	2000	U
75-01-4	Vinyl chloride	4000	U

SMK 2/1/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LA1AM Date Extracted:01/02/02
Dilution factor: 2000 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: CO07-PZM003 DUP

1/18/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	6000	U

SMK 2/11/02

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K91AA Date Extracted:01/02/02
Dilution factor: 40 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: CO07-PZM050

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	400	U
71-43-2	**Benzene**	**810**	
75-25-2	Bromoform	40	U
78-93-3	2-Butanone	200	U
75-15-0	Carbon disulfide	40	U
56-23-5	Carbon tetrachloride	40	U
108-90-7	Chlorobenzene	40	U
75-00-3	Chloroethane	80	U
67-66-3	Chloroform	40	U
75-34-3	1,1-Dichloroethane	40	U
107-06-2	1,2-Dichloroethane	40	U
75-35-4	1,1-Dichloroethene	40	U
156-60-5	trans-1,2-Dichloroethene	40	U
78-87-5	1,2-Dichloropropane	40	U
10061-01-5	cis-1,3-Dichloropropene	40	U
10061-02-6	trans-1,3-Dichloropropene	40	U
100-41-4	Ethylbenzene	40	U
591-78-6	2-Hexanone	200	U
75-09-2	Methylene chloride	80	U
108-10-1	4-Methyl-2-pentanone	200	U
630-20-6	1,1,1,2-Tetrachloroethane	40	U
79-34-5	1,1,2,2-Tetrachloroethane	40	U
127-18-4	Tetrachloroethene	40	U
108-88-3	**Toluene**	**100**	
71-55-6	1,1,1-Trichloroethane	40	U
79-00-5	1,1,2-Trichloroethane	40	U
79-01-6	Trichloroethene	40	U
75-01-4	Vinyl chloride	80	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1K91AA Date Extracted:01/02/02
Dilution factor: 40 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: CO07-PZM050

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	120	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LC1AA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: GL15-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	3.2	J B
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/1/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LC1AA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: GL15-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

smt 2/1/2002

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LE1AA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: CO11-PZM008 J

1/18/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.5	J B
71-43-2	Benzene	4.4	
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	0.67	J
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMK 2/18/02

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LE1AA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: CO11-PZM008

1/18/02 ACD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

SMT 2/1/2002

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LF1AD Date Extracted:01/02/02
Dilution factor: 10 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: SW18-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	100	U
71-43-2	**Benzene**	**240**	
75-25-2	Bromoform	10	U
78-93-3	2-Butanone	50	U
75-15-0	Carbon disulfide	10	U
56-23-5	Carbon tetrachloride	10	U
108-90-7	**Chlorobenzene**	**69**	
75-00-3	Chloroethane	20	U
67-66-3	Chloroform	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	**1,1-Dichloroethene**	**66**	
156-60-5	trans-1,2-Dichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	**Ethylbenzene**	**2.8**	J
591-78-6	2-Hexanone	50	U
75-09-2	Methylene chloride	20	U
108-10-1	4-Methyl-2-pentanone	50	U
630-20-6	1,1,1,2-Tetrachloroethane	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	**Toluene**	**120**	
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	**Trichloroethene**	**64**	
75-01-4	Vinyl chloride	20	U

SMK 2/1/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LF1AD Date Extracted:01/02/02
Dilution factor: 10 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: SW18-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	62	

SMR 2/1/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LH1AA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: EQUIP BLK#5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	3.0	J B
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

SMT 2/11/2002

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LH1AA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: EQUIP BLK#5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LJ1AA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	10	U
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC008

Matrix: (soil/water) WATER Lab Sample ID:C1L220141 007
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ1LJ1AA Date Extracted:01/02/02
Dilution factor: 1 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002245

Client Sample Id: TRIP BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	3.0	U

Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC008
Matrix: Ground Water
Report Date: 2/21/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- X • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/21/2002
Date

1.0 DATA COMPLETENESS

The data deliverables were complete.

2.0 CHAIN OF CUSTODY DOCUMENTATION

All chain of custody documentation was complete.

3.0 HOLDING TIMES

All criteria were met. No qualifiers were applied.

4.0 INITIAL AND CONTINUING CALIBRATIONS

All criteria were met. No qualifiers were applied.

5.0 ICP INTERFERENCE CHECK SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

6.0 LABORATORY AND FIELD BLANK ANALYSIS RESULTS

The positive results reported for the metals in the samples presented on page 4 are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results for these metals in these samples has indicated this.

Analyte	Qualified Results
Copper	CO07-PZM005 DUP, CO07-PZM050-01C, GL15-PZM008-01C
Magnesium	CO07-PZM005 DUP

7.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

8.0 LABORATORY DUPLICATE RESULTS

All criteria were met. No qualifiers were applied.

9.0 ICP SERIAL DILUTION RESULTS

All criteria were met. No qualifiers were applied.

10.0 FIELD DUPLICATE RESULTS

There were no duplicate samples submitted with this SDG.

11.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

12.0 GFAA POST-DIGESTION SPIKE/DUPLICATE BURN

Not Applicable.

13.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

14.0 QUANTITATION/REPORTING LIMITS

The laboratory reported results for metals detected in samples at concentrations greater than the instrument detection limit, but less than the QL with "B" flags. EDQ has flagged results for metals below the QL with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K9 **Client ID:** CO07-PZM050

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002134

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	21:35
Arsenic	**189.04**	**2.0**	**10.0**	**4.4**	~~B~~ 4	1	**ICPST**	**1/11/02**	**21:35**
Barium	**493.41**	**0.14**	**200**	**493**		1	**ICPST**	**1/11/02**	**21:35**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	21:35
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	21:35
Calcium	**317.93**	**12.2**	**5000**	**111000**		1	**ICPST**	**1/11/02**	**21:35**
Chromium	**267.72**	**1.1**	**5.0**	**1.9**	~~B~~ 4	1	**ICPST**	**1/11/02**	**21:35**
Cobalt	**228.62**	**0.86**	**50.0**	**1.6**	~~B~~ 4	1	**ICPST**	**1/11/02**	**21:35**
Copper	**324.75**	**0.77**	**25.0**	**0.96**	~~B~~ 4	1	**ICPST**	**1/11/02**	**21:35**
Iron	**271.44**	**45.0**	**100**	**191000**		1	**ICPST**	**1/11/02**	**21:35**
Lead	**220.35**	**1.8**	**3.0**	**19.1**		1	**ICPST**	**1/11/02**	**21:35**
Magnesium	**279.08**	**7.1**	**5000**	**101000**		1	**ICPST**	**1/11/02**	**21:35**
Manganese	257.61	0.47	15.0	6230		1	ICPST	1/11/02	21:35
Nickel	231.60	2.4	40.0	5.5	~~B~~ 4	1	ICPST	1/11/02	21:35
Potassium	766.49	519	5000	26400	~~B~~ 4	1	ICP	1/10/02	14:31
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	21:35
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	21:35
Sodium	**589**	**75.0**	**25000**	**1160000**		5	**ICP**	**1/10/02**	**16:24**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	21:35
Tin	**189.99**	**28.8**	**100**	**46.4**	~~B~~ 4	1	**ICP**	**1/10/02**	**14:31**
Vanadium	**292.40**	**1.5**	**50.0**	**35.2**	~~B~~ 4	1	**ICPST**	**1/11/02**	**21:35**
Zinc	**213.86**	**1.5**	**20.0**	**67.1**		1	**ICPST**	**1/11/02**	**21:35**

SMK 2/12/02

Comments: Lot #: CIL220141 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1LA **Client ID:** CO07-PZM008 DUP 1/18/02 ACD

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002134

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	21:53
Arsenic	189.04	2.0	10.0	6.2	~~B~~ J	1	ICPST	1/11/02	21:53
Barium	493.41	0.14	200	32.0	~~B~~ J	1	ICPST	1/11/02	21:53
Beryllium	313.04	0.40	5.0	0.73	~~B~~ J	1	ICPST	1/11/02	21:53
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	21:53
Calcium	317.93	12.2	5000	105000		1	ICPST	1/11/02	21:53
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	21:53
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	21:53
Copper	324.75	0.77	25.0	0.88	~~B~~ B	1	ICPST	1/11/02	21:53
Iron	271.44	45.0	100	318		1	ICPST	1/11/02	21:53
Lead	220.35	1.8	3.0	5.9		1	ICPST	1/11/02	21:53
Magnesium	279.08	7.1	5000	63.2	~~B~~ B	1	ICPST	1/11/02	21:53
Manganese	257.61	0.47	15.0	21.3		1	ICPST	1/11/02	21:53
Nickel	231.60	2.4	40.0	4.0	~~B~~ J	1	ICPST	1/11/02	21:53
Potassium	766.49	519	5000	35300	~~B~~ J	1	ICP	1/10/02	14:50
Selenium	220.35	3.2	5.0	3.5	~~B~~ J	1	ICPST	1/11/02	21:53
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	21:53
Sodium	589	15.0	5000	96400		1	ICP	1/10/02	16:37
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	21:53
Tin	189.99	28.8	100	28.8	U	1	ICP	1/10/02	14:50
Vanadium	292.40	1.5	50.0	427		1	ICPST	1/11/02	21:53
Zinc	213.86	1.5	20.0	17.9	~~B~~ J	1	ICPST	1/11/02	21:53

smt 2/2/02

Comments: Lot #: C1L220141 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1LC **Client ID:** GL15-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002134

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	21:57
Arsenic	**189.04**	**2.0**	**10.0**	**4.5**	~~B~~ JN	1	ICPST	**1/11/02**	**21:57**
Barium	**493.41**	**0.14**	**200**	**28.9**	~~B~~ J	1	ICPST	**1/11/02**	**21:57**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	21:57
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	21:57
Calcium	**317.93**	**12.2**	**5000**	**216000**		1	ICPST	**1/11/02**	**21:57**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	21:57
Cobalt	**228.62**	**0.86**	**50.0**	**25.1**	~~B~~ BJ	1	ICPST	**1/11/02**	**21:57**
Copper	**324.75**	**0.77**	**25.0**	**1.1**	~~B~~ B	1	ICPST	**1/11/02**	**21:57**
Iron	**271.44**	**45.0**	**100**	**9350**		1	ICPST	**1/11/02**	**21:57**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	21:57
Magnesium	**279.08**	**7.1**	**5000**	**30300**		1	ICPST	**1/11/02**	**21:57**
Manganese	**257.61**	**0.47**	**15.0**	**4960**		1	ICPST	**1/11/02**	**21:57**
Nickel	**231.60**	**2.4**	**40.0**	**5.2**	~~B~~ J	1	ICPST	**1/11/02**	**21:57**
Potassium	**766.49**	**519**	**5000**	**35000**	~~E~~ J	1	ICP	**1/10/02**	**14:53**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	21:57
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	21:57
Sodium	**589**	**15.0**	**5000**	**49700**		1	ICP	**1/10/02**	**16:40**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	21:57
Tin	189.99	28.8	100	28.8	U	1	ICP	1/10/02	14:53
Vanadium	**292.40**	**1.5**	**50.0**	**2.5**	~~B~~ J	1	ICPST	**1/11/02**	**21:57**
Zinc	**213.86**	**1.5**	**20.0**	**19.9**	~~B~~ J	1	ICPST	**1/11/02**	**21:57**

SMP 2/2/2002

Comments: Lot #: C1L220141 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1LE **Client ID:** CO11-PZM008 7 1/8/02 ACD

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002134

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	22:10
Arsenic	**189.04**	**2.0**	**10.0**	**8.8**	B J+J	**1**	**ICPST**	**1/11/02**	**22:10**
Barium	**493.41**	**0.14**	**200**	**19.1**	B J+J	**1**	**ICPST**	**1/11/02**	**22:10**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	22:10
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	22:10
Chromium	**267.72**	**1.1**	**5.0**	**4.0**	B J+J	**1**	**ICPST**	**1/11/02**	**22:10**
Cobalt	**228.62**	**0.86**	**50.0**	**7.2**	B J+J	**1**	**ICPST**	**1/11/02**	**22:10**
Copper	**324.75**	**0.77**	**25.0**	**40.6**		**1**	**ICPST**	**1/11/02**	**22:10**
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	22:10
Nickel	**231.60**	**2.4**	**40.0**	**2.5**	B J+J	**1**	**ICPST**	**1/11/02**	**22:10**
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	22:10
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	22:10
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	22:10
Tin	189.99	28.8	100	28.8	U	1	ICP	1/10/02	14:57
Vanadium	292.40	1.5	50.0	45.1	B J	1	ICPST	1/11/02	22:10
Zinc	**213.86**	**1.5**	**20.0**	**26.4**		**1**	**ICPST**	**1/11/02**	**22:10**

SMK 2/7/2002

Comments: Lot #: C1L220141 Sample #: 4

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1LF **Client ID:** SW18-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002134

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	22:15
Arsenic	**189.04**	**2.0**	**10.0**	**4.6**	~~B~~ JJ	**1**	**ICPST**	**1/11/02**	**22:15**
Barium	**493.41**	**0.14**	**200**	**74.5**	~~B~~ JJ	**1**	**ICPST**	**1/11/02**	**22:15**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	22:15
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	22:15
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	22:15
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	22:15
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/11/02	22:15
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	22:15
Nickel	**231.60**	**2.4**	**40.0**	**6.7**	~~B~~ JJ	**1**	**ICPST**	**1/11/02**	**22:15**
Selenium	**220.35**	**3.2**	**5.0**	**3.3**	~~B~~ JJ	**1**	**ICPST**	**1/11/02**	**22:15**
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	22:15
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	22:15
Tin	189.99	28.8	100	28.8	U	1	ICP	1/10/02	15:00
Vanadium	**292.40**	**1.5**	**50.0**	**72.6**		**1**	**ICPST**	**1/11/02**	**22:15**
Zinc	213.86	1.5	20.0	1.5	U	1	ICPST	1/11/02	22:15

smk 2/2/2002

Comments: Lot #: C1L220141 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1LH **Client ID:** EQUIP BLK#5

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002134

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	4.1	U	1	ICPST	1/11/02	22:19
Arsenic	189.04	2.0	10.0	2.0	U	1	ICPST	1/11/02	22:19
Barium	**493.41**	**0.14**	**200**	**2.1**	~~B~~ J	1	**ICPST**	**1/11/02**	**22:19**
Beryllium	313.04	0.40	5.0	0.40	U	1	ICPST	1/11/02	22:19
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/11/02	22:19
Calcium	**317.93**	**12.2**	**5000**	**1130**	~~B~~ J	1	**ICPST**	**1/11/02**	**22:19**
Chromium	267.72	1.1	5.0	1.1	U	1	ICPST	1/11/02	22:19
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/11/02	22:19
Copper	**324.75**	**0.77**	**25.0**	**1.2**	~~B~~ J	1	**ICPST**	**1/11/02**	**22:19**
Iron	271.44	45.0	100	45.0	U	1	ICPST	1/11/02	22:19
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/11/02	22:19
Magnesium	**279.08**	**7.1**	**5000**	**380**	~~B~~ J	1	**ICPST**	**1/11/02**	**22:19**
Manganese	257.61	0.47	15.0	0.47	U	1	ICPST	1/11/02	22:19
Nickel	231.60	2.4	40.0	2.4	U	1	ICPST	1/11/02	22:19
Potassium	766.49	519	5000	578	~~BE~~ J	1	ICP	1/10/02	15:03
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/11/02	22:19
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/11/02	22:19
Sodium	**589**	**15.0**	**5000**	**500**	~~B~~ J	1	**ICP**	**1/10/02**	**16:55**
Thallium	190.86	5.7	10.0	5.7	U	1	ICPST	1/11/02	22:19
Tin	**189.99**	**28.8**	**100**	**28.8**	U	1	**ICP**	**1/10/02**	**15:03**
Vanadium	292.40	1.5	50.0	1.5	U	1	ICPST	1/11/02	22:19
Zinc	**213.86**	**1.5**	**20.0**	**1.6**	~~B~~ J	1	**ICPST**	**1/11/02**	**22:19**

SMK 2/12/02

Comments: Lot #: C1L220141 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1K9 **Client ID:** CO07-PZM050

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002091

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	1/2/02	8:20

Comments: Lot #: C1L220141 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1LA **Client ID:** CO07-PZM008 DUP 1/18/02 RCD

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002091

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	1/2/02	8:24

Comments: Lot #: C1L220141 Sample #: 2

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1LC **Client ID:** GL15-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002091

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	1/2/02	8:25

Comments: Lot #: C1L220141 Sample #: 3

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1LE **Client ID:** CO11-PZM008 7 1/18/02 ACD

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002091

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	1/2/02	8:27

Comments: Lot #: C1L220141 Sample #: 4

Version 4.97.1

U Result is less than the MDL
B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1LF **Client ID:** SW18-PZM008

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002091

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	1/2/02	8:28

Comments: Lot #: C1L220141 Sample #: 5

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form 1 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ1LH **Client ID:** EQUIP BLK#5

Matrix: Water **Units:** ug/L **Prep Date:** 1/2/02 **Prep Batch:** 2002091

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	1/2/02	8:30

Comments: Lot #: C1L220141 Sample #: 6

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

CH2M Hill BS Sparrows Point

Bicarbonate Alkalinity

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 310.1
Lot Number: C1L220141
Date/Time Received: 12/22/01 10:30:00AM
SDG Number: SPC008

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO07-PZM050	001	EQ1K91A4	73.1	mg/L	5.0	1	1/2/02 - 1/2/02	2002376
CO07-PZM008 DUP 1/18/02 KP	002	EQ1LA1AF	ND	mg/L	5.0	1	1/2/02 - 1/2/02	2002376
GL15-PZM008	003	EQ1LC1A4	92.4	mg/L	5.0	1	1/2/02 - 1/2/02	2002376
EQUIP BLK#5	006	EQ1LH1A4	ND	mg/L	5.0	1	1/2/02 - 1/2/02	2002376

CH2M Hill BS Sparrows Point

Available Cyanide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 1677 - Cyani
Lot Number: C1L220141
Date/Time Received: 12/22/01 10:30:00AM
SDG Number: SPC008

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO07-PZM050	001	EQ1K91A0	0.024	mg/L	0.0020	1	1/4/02 - 1/4/02	2003351
CO07-PZM008 DUP 1/18/02 KED	002	EQ1LA1AA	5.1	mg/L	0.10	50	1/4/02 - 1/4/02	2003351
GL15-PZM008	003	EQ1LC1A0	0.59	mg/L	0.010	5	1/4/02 - 1/4/02	2003351
CO11-PZM008 1/18/02 KED	004	EQ1LE1A0	2.5	mg/L	0.10	50	1/4/02 - 1/4/02	2003351
SW18-PZM008	005	EQ1LF1AA	1.7	mg/L	0.010	5	1/4/02 - 1/4/02	2003351
EQUIP BLK#5	006	EQ1LH1A0	0.0015 B J	mg/L	0.0020	1	1/4/02 - 1/4/02	2003351

B Estimated result. Result is less than RL and greater than or equal to the IDL.

CH2M Hill BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L220141
Date/Time Received: 12/22/01 10:30:00AM
SDG Number: SPC008

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO07-PZM050	001	EQ1K91A2	2380	mg/L	25.0	25	1/9/02 - 1/11/02	2009239
CO07-PZM008 DUP 1/18/02 ACD	002	EQ1LA1AD	139	mg/L	1.0	1	1/9/02 - 1/11/02	2009239
GL15-PZM008	003	EQ1LC1A2	98.5	mg/L	1.0	1	1/9/02 - 1/11/02	2009239
EQUIP BLK#5	006	EQ1LH1A2	ND	mg/L	1.0	1	1/9/02 - 1/11/02	2009239

CH2M Hill BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L220141
Date/Time Received: 12/22/01 10:30:00AM
SDG Number: SPC008

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO07-PZM050	001	EQ1K91A3	171	mg/L	1.0	1	1/9/02 -1/11/02	2008173
CO07-PZM005 DUP 1/18/02	002	EQ1LA1AE	143	mg/L	1.0	1	1/9/02 -1/11/02	2008173
GL15-PZM008	003	EQ1LC1A3	801	mg/L	5.0	5	1/9/02 -1/11/02	2008173
EQUIP BLK#5	006	EQ1LH1A3	2.7	mg/L	1.0	1	1/9/02 -1/11/02	2008173

CH2M Hill BS Sparrows Point

Total Sulfide

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: SW846 9030B/9034
Lot Number: C1L220141
Date/Time Received: 12/22/01 10:30:00AM
SDG Number: SPC008

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO07-PZM050	001	EQ1K91A1	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360260
CO07-PZM008 DUP 1/18/02 ACD	002	EQ1LA1AC	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360260
GL15-PZM008	003	EQ1LC1A1	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360260
CO11-PZM008 1/18/02 ACD	004	EQ1LE1A1	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360260
SW18-PZM008	005	EQ1LF1AC	5.6	mg/L	1.0	1	12/28/01 - 12/28/01	1360260
EQUIP BLK#5	006	EQ1LH1A1	ND	mg/L	1.0	1	12/28/01 - 12/28/01	1360260

Data Validation Qualifier Code Glossary

B - The compound/analyte was not detected substantially above the level of the associated method blank/preparation or field blank.

J - The positive result reported for this analyte is a quantitative estimate.

U - This compound/analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.

UJ - This compound/analyte was not detected in the sample. The quantitation/detection should be considered estimated and may be inaccurate or imprecise.

R The result for this compound/analyte is unusable. The analyte may or may not be present.

K - The positive result reported for this analyte is a biased high quantitative estimate. The actual result may be lower than reported.

L - The positive result for this analyte is a biased low quantitative estimate. The actual result may be higher than reported.

UL - This compound/analyte was not detected in the sample. The actual quantitation/detection may be higher than reported.

Other Codes:

ND - There were no positive results for this analytical fraction.

NA - This parameter is not applicable to this sample.

NR - This analysis parameter was not required for this sample.

Table 1 Samples For Data Validation Review
Sparrows Point Early Site Characterization
Severn Trent Laboratories Sample Delivery Group SPC009

SAMPLE I.D.	LABORATORY	DATE	MATRIX	ANALYSES PERFORMED VCTCL	SVTCL	CPCB	COPI MET	Chloride, Sulfate	BicarbonateAlkalinity	AVCN	Sulfides	
CO19-PZM004-01C	C1L310123001	12/21/2001	124	X	X	X	X	X	X	X	X	X

VCTCL Volatile Organic Compounds
SVTCL Semivolatile Organic Compounds
CPCB Polychlorinated Biphenyls
COPI MET COPI Metals
AVCN Available Cyanide

Organics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC009
Matrix: Ground Water
Report Date: 2/20/2002

This analytical quality assurance report is based upon a review of analytical data generated for ground water samples. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The samples were analyzed for volatile organic compounds, semivolatile organic compounds, and polychlorinated biphenyl constituents. The sample analyses were performed in accordance with the procedures outlined in "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Organic Analyses", USEPA 9/94. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The parameters presented on the following page were evaluated.

X	•	Data Completeness
X	•	Chain of Custody Documentation
X	•	Holding Times
X	•	Instrument Performance
X	•	Initial and Continuing Calibrations
X	•	Laboratory and Field Blank Analysis Results
X	•	Surrogate Compound Recoveries
X	•	Matrix Spike/Matrix Spike Duplicate Recoveries and Reproducibility
X	•	Field Duplicate Analysis Results
X	•	Laboratory Control Sample Results
X	•	Internal Standard Performance
X	•	Qualitative Identification
X	•	Quantitation/Reporting Limits

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/20/2002
Date

1.0 DATA COMPLETENESS

The data deliverables were complete.

2.0 CHAIN OF CUSTODY DOCUMENTATION

The chain of custody documentation was complete.

3.0 HOLDING TIMES

All criteria were met. No qualifiers were applied.

5.0 INSTRUMENT PERFORMANCE

All criteria were met. No qualifiers were applied.

5.0 INITIAL AND CONTINUING CALIBRATIONS

All criteria were met. No qualifiers were applied.

6.0 LABORATORY AND FIELD BLANK ANALYSIS RESULTS

All criteria were met. No qualifiers were applied.

7.0 SURROGATE COMPOUNDS

All criteria were met. No qualifiers were applied.

8.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

9.0 FIELD DUPLICATE RESULTS

There were no duplicate samples submitted with this SDG.

10.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

11.0 INTERNAL STANDARD PERFORMANCE

All criteria were met. No qualifiers were applied.

12.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

13.0 *QUANTITATION/REPORTING LIMITS*

Sample CO19-PZM004 was analyzed at a 5-fold dilution. The dilution analysis was performed because of the suspected presence of high levels of target compounds and/or interferences. Quantitation limits are elevated by the dilution factor for target compounds that were not detected. The elevated quantitation limits should be noted when assessing the data for this sample.

Sample CO19-PZM004 was re-analyzed at a 100-fold dilution for semivolatile organic compounds. The dilution analysis was performed because the response for naphthalene exceeded the linear range of the GC/MS instrument. The naphthalene result has been reported from the diluted analysis. All other results have been reported from the initial analysis.

As required by USEPA protocol, all compounds, which were qualitatively identified at concentrations below their respective Quantitation Limits (QLs), have been marked with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Volatile Organic Compounds	Method 8260B, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Semivolatile Organic Compounds	Method 8270C, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997
Polychlorinated Biphenyl Constituents	Method 8082, "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC009

Matrix: (soil/water) WATER
Method: SW846 8082
PCBs (8082)

Lab Sample ID:C1L310123 001

Sample WT/Vol: 1000 / mL
Work Order: EQ6ET1AD
Dilution factor: 1
Moisture %:NA

Date Received: 12/22/01
Date Extracted:01/02/02
Date Analyzed: 01/07/02

QC Batch: 2002403

Client Sample Id: CO19-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L		Q
12674-11-2	Aroclor 1016		1.0	U
11104-28-2	Aroclor 1221		1.0	U
11141-16-5	Aroclor 1232		1.0	U
53469-21-9	Aroclor 1242		1.0	U
12672-29-6	Aroclor 1248		1.0	U
11097-69-1	Aroclor 1254		1.0	U
11096-82-5	Aroclor 1260		1.0	U

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC009

Matrix: (soil/water) WATER Lab Sample ID:C1L310123 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ6ET1AA Date Extracted:01/03/02
Dilution factor: 400 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 2003229

Client Sample Id: CO19-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	4000	U
71-43-2	**Benzene**	**12000**	
75-25-2	Bromoform	400	U
78-93-3	2-Butanone	2000	U
75-15-0	Carbon disulfide	400	U
56-23-5	Carbon tetrachloride	400	U
108-90-7	Chlorobenzene	400	U
75-00-3	Chloroethane	800	U
67-66-3	Chloroform	400	U
75-34-3	1,1-Dichloroethane	400	U
107-06-2	1,2-Dichloroethane	400	U
75-35-4	1,1-Dichloroethene	400	U
156-60-5	trans-1,2-Dichloroethene	400	U
78-87-5	1,2-Dichloropropane	400	U
10061-01-5	cis-1,3-Dichloropropene	400	U
10061-02-6	trans-1,3-Dichloropropene	400	U
100-41-4	**Ethylbenzene**	**720**	
591-78-6	2-Hexanone	2000	U
75-09-2	Methylene chloride	800	U
108-10-1	4-Methyl-2-pentanone	2000	U
630-20-6	1,1,1,2-Tetrachloroethane	400	U
79-34-5	1,1,2,2-Tetrachloroethane	400	U
127-18-4	Tetrachloroethene	400	U
108-88-3	Toluene	400	U
71-55-6	1,1,1-Trichloroethane	400	U
79-00-5	1,1,2-Trichloroethane	400	U
79-01-6	Trichloroethene	400	U
75-01-4	Vinyl chloride	800	U

SMM 2/19/02

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC009

Matrix: (soil/water) WATER Lab Sample ID:C1L310123 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/22/01
Work Order: EQ6ET1AA Date Extracted:01/03/02
Dilution factor: 400 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 2003229

Client Sample Id: CO19-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1330-20-7	Xylenes (total)	660	J

FORM I

CH2M HILL
CHECK SAMPLE COMPOUNDS

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC009

Matrix: (soil/water) WATER Lab Sample ID:C2A030000 229
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ7131AC Date Extracted:01/03/02
Dilution factor: 1 Date Analyzed: 01/03/02
Moisture %:NA

QC Batch: 2003229

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-43-2	Benzene	9.15	
108-90-7	Chlorobenzene	9.36	
75-35-4	1,1-Dichloroethene	8.66	
108-88-3	Toluene	9.10	
79-01-6	Trichloroethene	9.24	

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC009

Matrix: (soil/water) WATER Lab Sample ID:C1L310123 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ6ET1AC Date Extracted:01/02/02
Dilution factor: 50 Date Analyzed: 01/08/02

QC Batch: 2002264

Client Sample Id: CO19-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	500	U
208-96-8	Acenaphthylene	500	U
120-12-7	Anthracene	500	U
56-55-3	Benzo(a)anthracene	500	U
205-99-2	Benzo(b)fluoranthene	500	U
207-08-9	Benzo(k)fluoranthene	500	U
191-24-2	Benzo(ghi)perylene	500	U
50-32-8	Benzo(a)pyrene	500	U
111-91-1	bis(2-Chloroethoxy)methane	500	U
111-44-4	bis(2-Chloroethyl) ether	500	U
117-81-7	bis(2-Ethylhexyl) phthalate	500	U
101-55-3	4-Bromophenyl phenyl ether	500	U
85-68-7	Butyl benzyl phthalate	500	U
59-50-7	4-Chloro-3-methylphenol	500	U
91-58-7	2-Chloronaphthalene	500	U
95-57-8	2-Chlorophenol	500	U
7005-72-3	4-Chlorophenyl phenyl ether	500	U
218-01-9	Chrysene	500	U
53-70-3	Dibenz(a,h)anthracene	500	U
132-64-9	Dibenzofuran	500	U
84-74-2	Di-n-butyl phthalate	500	U
95-50-1	1,2-Dichlorobenzene	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
91-94-1	3,3'-Dichlorobenzidine	2500	U
120-83-2	2,4-Dichlorophenol	500	U
84-66-2	Diethyl phthalate	500	U
119-93-7	3,3'-Dimethylbenzidine	2500	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC009

Matrix: (soil/water) WATER Lab Sample ID:C1L310123 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ6ET1AC Date Extracted:01/02/02
Dilution factor: 50 Date Analyzed: 01/08/02

QC Batch: 2002264

Client Sample Id: CO19-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	500	U	
131-11-3	Dimethyl phthalate	500	U	
117-84-0	Di-n-octyl phthalate	500	U	
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	
51-28-5	2,4-Dinitrophenol	2500	U	
121-14-2	2,4-Dinitrotoluene	500	U	
606-20-2	2,6-Dinitrotoluene	500	U	
206-44-0	Fluoranthene	500	U	
86-73-7	Fluorene	500	U	
118-74-1	Hexachlorobenzene	500	U	
87-68-3	Hexachlorobutadiene	500	U	
77-47-4	Hexachlorocyclopentadiene	2500	U	
67-72-1	Hexachloroethane	500	U	
193-39-5	Indeno(1,2,3-cd)pyrene	500	U	
78-59-1	Isophorone	500	U	
91-57-6	2-Methylnaphthalene	81	J	
95-48-7	2-Methylphenol	500	U	
106-44-5	4-Methylphenol	500	U	
91-20-3	Naphthalene	4500	E	R
98-95-3	Nitrobenzene	500	U	
88-75-5	2-Nitrophenol	500	U	
100-02-7	4-Nitrophenol	2500	U	
76-01-7	Pentachloroethane	2500	U	
87-86-5	Pentachlorophenol	2500	U	
85-01-8	Phenanthrene	500	U	
108-95-2	Phenol	250	J	
129-00-0	Pyrene	500	U	
110-86-1	Pyridine	1000	U	

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC009

Matrix: (soil/water) WATER Lab Sample ID:C1L310123 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ6ET1AC Date Extracted:01/02/02
Dilution factor: 50 Date Analyzed: 01/08/02

QC Batch: 2002264

Client Sample Id: CO19-PZM004

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	500	U
95-95-4	2,4,5-Trichlorophenol	500	U
88-06-2	2,4,6-Trichlorophenol	500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1000	U

FORM I

CH2M HILL

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC009

Matrix: (soil/water) WATER Lab Sample ID:C1L310123 001 RL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ6ET2AC Date Extracted:01/02/02
Dilution factor: 100 Date Analyzed: 01/08/02

QC Batch: 2002264

Client Sample Id: CO19-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1000	
208-96-8	Acenaphthylene	1000	
120-12-7	Anthracene	1000	
56-55-3	Benzo(a)anthracene	1000	
205-99-2	Benzo(b)fluoranthene	1000	
207-08-9	Benzo(k)fluoranthene	1000	
191-24-2	Benzo(ghi)perylene	1000	
50-32-8	Benzo(a)pyrene	1000	
111-91-1	bis(2-Chloroethoxy)methane	1000	
111-44-4	bis(2-Chloroethyl) ether	1000	
117-81-7	bis(2-Ethylhexyl) phthalate	1000	
101-55-3	4-Bromophenyl phenyl ether	1000	
85-68-7	Butyl benzyl phthalate	1000	
59-50-7	4-Chloro-3-methylphenol	1000	
91-58-7	2-Chloronaphthalene	1000	
95-57-8	2-Chlorophenol	1000	
7005-72-3	4-Chlorophenyl phenyl ether	1000	
218-01-9	Chrysene	1000	
53-70-3	Dibenz(a,h)anthracene	1000	
132-64-9	Dibenzofuran	1000	
84-74-2	Di-n-butyl phthalate	1000	
95-50-1	1,2-Dichlorobenzene	1000	
541-73-1	1,3-Dichlorobenzene	1000	
106-46-7	1,4-Dichlorobenzene	1000	
91-94-1	3,3'-Dichlorobenzidine	5000	
120-83-2	2,4-Dichlorophenol	1000	
84-66-2	Diethyl phthalate	1000	
119-93-7	3,3'-Dimethylbenzidine	5000	

FORM I

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC009

Matrix: (soil/water) WATER Lab Sample ID:C1L310123 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ6ET2AC Date Extracted:01/02/02
Dilution factor: 100 Date Analyzed: 01/08/02

QC Batch: 2002264

Client Sample Id: CO19-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
105-67-9	2,4-Dimethylphenol	1000		R
131-11-3	Dimethyl phthalate	1000		
117-84-0	Di-n-octyl phthalate	1000		
534-52-1	4,6-Dinitro-2-methylphenol	5000		
51-28-5	2,4-Dinitrophenol	5000		
121-14-2	2,4-Dinitrotoluene	1000		
606-20-2	2,6-Dinitrotoluene	1000		
206-44-0	Fluoranthene	1000		
86-73-7	Fluorene	1000		
118-74-1	Hexachlorobenzene	1000		
87-68-3	Hexachlorobutadiene	1000		
77-47-4	Hexachlorocyclopentadiene	5000		
67-72-1	Hexachloroethane	1000		
193-39-5	Indeno(1,2,3-cd)pyrene	1000		
78-59-1	Isophorone	1000		
91-57-6	**2-Methylnaphthalene**	**76**	J	
95-48-7	2-Methylphenol	1000		
106-44-5	4-Methylphenol	1000		
91-20-3	**Naphthalene**	**4400**		
98-95-3	Nitrobenzene	1000		R
88-75-5	2-Nitrophenol	1000		
100-02-7	4-Nitrophenol	5000		
76-01-7	Pentachloroethane	5000		
87-86-5	Pentachlorophenol	5000		
85-01-8	Phenanthrene	1000		
108-95-2	**Phenol**	**230**	J	
129-00-0	Pyrene	1000		
110-86-1	Pyridine	2000		

CH2M HILL

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC009

Matrix: (soil/water) WATER Lab Sample ID: C1L310123 001 DL
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/22/01
Work Order: EQ6ET2AC Date Extracted: 01/02/02
Dilution factor: 100 Date Analyzed: 01/08/02

QC Batch: 2002264

Client Sample Id: CO19-PZM004 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q	
120-82-1	1,2,4-Trichlorobenzene	1000		R
95-95-4	2,4,5-Trichlorophenol	1000		R
88-06-2	2,4,6-Trichlorophenol	1000		R
108-60-1	2,2'-oxybis(1-Chloropropane)	2000		R

FORM I

Inorganics

Project: Sparrows Point Early Site Characterization
Laboratory: Severn Trent Laboratories
Sample Delivery Group: SPC009
Matrix: Ground Water
Report Date: 2/20/2002

This analytical quality assurance report is based upon a review of analytical data generated for one ground water sample. The sample locations, laboratory identification numbers, sample collection dates, sample matrix, and analyses performed are presented in Table 1.

The sample analyses were performed in accordance with the procedures outlined in the "Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, and "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, Revised March 1983.

All sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. Results have been validated or qualified according to general guidance provided in the Region III modifications to "Laboratory Data Validation Functional Guidelines for Validating Inorganic Analyses", USEPA 4/93. This document specifies procedures for validating data generated for CLP analyses. Therefore, the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data. The following parameters were evaluated:

- X • Data Completeness
- X • Chain of Custody Documentation
- X • Holding Times
- X • Initial and Continuing Calibrations
- X • ICP Interference Check Sample Results
- X • Laboratory and Field Blank Analysis Results
- X • Matrix Spike Recoveries and Reproducibility
- X • Laboratory Duplicate Analysis Results
- X • ICP Serial Dilution Results
- X • Field Duplicate Analysis Results
- X • Laboratory Control Sample Results
- • GFAA Post-Digestion Spike Recovery/Duplicate Burn Precision
- X • Qualitative Identification

X - Denotes parameter evaluated.

It is recommended that the data only be used according to the qualifiers presented, and discussed in this report. All other data should be considered qualitatively and quantitatively valid as reported by the laboratory, based on the items evaluated.

Report Approved By:

Shawne M. Rodgers
President

2/20/2002
Date

1.0 DATA COMPLETENESS

The data deliverables were complete.

2.0 CHAIN OF CUSTODY DOCUMENTATION

All chain of custody documentation was complete.

3.0 HOLDING TIMES

All criteria were met. No qualifiers were applied.

4.0 INITIAL AND CONTINUING CALIBRATIONS

All criteria were met. No qualifiers were applied.

5.0 ICP INTERFERENCE CHECK SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

6.0 LABORATORY AND FIELD BLANK ANALYSIS RESULTS

The positive results reported for antimony, beryllium, chromium, and thallium for sample CO19-PZM004-01C are qualitatively invalid due to their presence in the associated field and laboratory method blanks. USEPA protocol requires positive results for elemental contaminants, that are less than or equal to five times the blank contamination level, to be considered qualitatively invalid. Placing "B" qualifiers next to the quantitative results has indicated this.

7.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND REPRODUCIBILITY

All criteria were met. No qualifiers were applied.

8.0 LABORATORY DUPLICATE RESULTS

All criteria were met. No qualifiers were applied.

9.0 ICP SERIAL DILUTION RESULTS

All criteria were met. No qualifiers were applied.

10.0 FIELD DUPLICATE RESULTS

There were no duplicate samples submitted with this SDG.

11.0 LABORATORY CONTROL SAMPLE RESULTS

All criteria were met. No qualifiers were applied.

12.0 GFAA POST-DIGESTION SPIKE/DUPLICATE BURN

Not Applicable.

13.0 QUALITATIVE IDENTIFICATION

All criteria were met. No qualifiers were applied.

14.0 QUANTITATION/REPORTING LIMITS

The laboratory reported results for metals detected in samples at concentrations greater than the instrument detection limit, but less than the QL with "B" flags. EDQ has flagged results for metals below the QL with "J" qualifiers to indicate that they are quantitative estimates.

METHODOLOGY REFERENCES

Analysis	Reference
Metals (Except Mercury)	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 6010B
Mercury	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 7470A
Bicarbonate Alkalinity	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 310.1
Available Cyanide	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 1677
Chloride	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfate	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, Method 300.0A
Sulfide	"Test Methods for Evaluating Solid Wastes", SW-846, third edition, Promulgated Updates II, IIA, and III, June 1997, Method 9030B

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ6ET **Client ID:** CO19-PZM004

Matrix: Water **Units:** ug/L **Prep Date:** 1/3/02 **Prep Batch:** 2003113

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	220.35	4.1	10.0	7.0	~~B~~	~~B~~ 1	ICPST	1/16/02	16:36
Arsenic	189.04	2.0	10.0	8.4	~~B~~	~~J~~ 1	ICPST	1/16/02	16:36
Barium	493.41	0.14	200	129	~~B~~	J 1	ICPST	1/16/02	16:36
Beryllium	313.04	0.40	5.0	0.71	~~B~~	B 1	ICPST	1/16/02	16:36
Cadmium	226.50	0.63	5.0	0.63	U	1	ICPST	1/16/02	16:36
Calcium	317.93	12.2	5000	174000		1	ICPST	1/16/02	16:36
Chromium	267.72	1.1	5.0	2.0	~~B~~	B 1	ICPST	1/16/02	16:36
Cobalt	228.62	0.86	50.0	0.86	U	1	ICPST	1/16/02	16:36
Copper	324.75	0.77	25.0	0.77	U	1	ICPST	1/16/02	16:36
Iron	271.44	45.0	100	491		1	ICPST	1/16/02	16:36
Lead	220.35	1.8	3.0	1.8	U	1	ICPST	1/16/02	16:36
Magnesium	279.08	7.1	5000	48400		1	ICPST	1/16/02	16:36
Manganese	257.61	0.47	15.0	366		1	ICPST	1/16/02	16:36
Nickel	231.60	2.4	40.0	5.6	~~B~~	J 1	ICPST	1/16/02	16:36
Potassium	766.49	519	5000	16700		1	ICP	1/9/02	21:29
Selenium	220.35	3.2	5.0	3.2	U	1	ICPST	1/17/02	10:41
Silver	328.07	0.75	5.0	0.75	U	1	ICPST	1/16/02	16:36
Sodium	589	15.0	5000	58500		1	ICP	1/9/02	21:29
Thallium	190.36	5.7	10.0	7.4	~~B~~	B 1	ICPST	1/16/02	16:36
Tin	189.99	28.8	100	28.8	U	1	ICP	1/9/02	21:29
Vanadium	292.40	1.5	50.0	17.2	~~B~~	J 1	ICPST	1/16/02	16:36
Zinc	213.86	1.5	20.0	4.6	~~B~~	J 1	ICPST	1/16/02	16:36

SMM 2/19/2002

Comments: Lot #: C1L310123 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Sample Results

Lab Sample ID: EQ6ET **Client ID:** CO19-PZM004

Matrix: Water **Units:** ug/L **Prep Date:** 1/4/02 **Prep Batch:** 2004091

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.054	0.20	0.054	U	1	CVAA	1/4/02	7:43

SMK 1/20/2002

Comments: Lot #: C1L310123 Sample #: 1

Version 4.97.1

U Result is less than the MDL

B Result is between MDL and RL

Form I Equivalent

CH2M Hill BS Sparrows Point

Bicarbonate Alkalinity

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 310.1
Lot Number: C1L310123
Date/Time Received: 12/22/01 9:30:00AM
SDG Number: SPC009

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO19-PZM004	001	EQ6ET1A4	598	mg/L	5.0	1	1/2/02 -1/2/02	2002377

CH2M Hill BS Sparrows Point

Available Cyanide

Lab Name:	STL PITTSBURGH	**Method:**	MCAWW 1677 - Cyani
Client Name:	CH2M HILL	**Lot Number:**	C1L310123
Matrix:	WATER	**Date/Time Received:**	12/22/01 9:30:00AM
		SDG Number:	SPC009

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO19-PZM004	001	EQ6ET1A0	10.8	mg/L	0.10	50	1/4/02 - 1/4/02	2003351

CH2M Hill BS Sparrows Point

Chloride

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L310123
Date/Time Received: 12/22/01 9:30:00AM
SDG Number: SPC009

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO19-PZM004	001	EQ6ET1A2	65.7	mg/L	1.0	1	1/9/02 - 1/11/02	2009239

CH2M Hill BS Sparrows Point

Sulfate

Lab Name: STL PITTSBURGH
Client Name: CH2M HILL
Matrix: WATER

Method: MCAWW 300.0A
Lot Number: C1L310123
Date/Time Received: 12/22/01 9:30:00AM
SDG Number: SPC009

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO19-PZM004	001	EQ6ET1A3	119	mg/L	1.0	1	1/9/02 - 1/11/02	2008173

CH2M Hill BS Sparrows Point

Total Sulfide

Lab Name:	STL PITTSBURGH	**Method:**	SW846 9030B/9034
Client Name:	CH2M HILL	**Lot Number:**	C1L310123
Matrix:	WATER	**Date/Time Received:**	12/22/01 9:30:00AM
		SDG Number:	SPC009

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep/ Analysis Date	QC Batch
CO19-PZM004	001	EQ6ET1A1	ND	mg/L	1.0	1	1/2/02 - 1/2/02	2002098

Data Validation Qualifier Code Glossary

B - The compound/analyte was not detected substantially above the level of the associated method blank/preparation or field blank.

J - The positive result reported for this analyte is a quantitative estimate.

U - This compound/analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.

UJ - This compound/analyte was not detected in the sample. The quantitation/detection should be considered estimated and may be inaccurate or imprecise.

R The result for this compound/analyte is unusable. The analyte may or may not be present.

K - The positive result reported for this analyte is a biased high quantitative estimate. The actual result may be lower than reported.

L - The positive result for this analyte is a biased low quantitative estimate. The actual result may be higher than reported.

UL - This compound/analyte was not detected in the sample. The actual quantitation/detection may be higher than reported.

Other Codes:

ND - There were no positive results for this analytical fraction.

NA - This parameter is not applicable to this sample.

NR - This analysis parameter was not required for this sample.

HUMPHREY / TIN / FINISHING
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SPA 001
SPC 001
SPC 002
SPC 003
SPC 004

Tracking Sheet
Humphreys Impoundment, Tin Mill, Finishing Mill

Location Designation

Location Designation	Piezometer Designation Sample ID	Laboratory Sample ID	Date Sampled	Date Received	Major Ion Data	Abbreviated Appendix IX List	Preliminary COPI List	Hardcopy Data Received	EDD Received	Date sent to Validator	Date EDD received from Validator	Date hardcopy received from Validator	SDG Number	Lot Number	Comments
HI02	HI02-PZM006	C1L050241-004	12/04/01	12/05/01	X		X	1/15/2002	1/15/2002	1/17/2002			SPA001	C1L050241	Only VOAs reported for this sample in SDG SPC001. The sample ID for this VOA portion was C1K300228-003. This portion was sampled on 11/28/01, and received by the lab on 11/29/01. Hardcopy and EDD received on 12/24/01, and sent to validator on 1/2/02. It was in SPC001 and lot# C1K300228.
	HI02-PZM032	C1L050251-001	12/04/01	12/05/01	X	X		1/11/2002	1/11/2002	1/11/2002			SPC003	C1L050251	VOA cmpds for COPI.
HI04	HI04-PZM034	C1K280199-002	11/27/01	11/28/01	X		X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K280199	
	HI04-PZM006	C1K280199-001	11/27/01	11/28/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K280199	
HI05	HI05-PZM046	C1K270198-001	11/26/01	11/27/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K270198	On Form I, this sample had major ion data also. EDD showed only COPI list.
	HI05-PZM046DUP	C1K270198-002	11/26/01	11/27/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K270198	
	HI05-PZM012	C1K280199-003	11/27/01	11/28/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K280199	
HI07	HI07-PZM032	C1K300228-001	11/28/01	11/30/01	X		X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K300228	
	HI07-PZM005	C1K300228-002	11/28/01	11/30/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K300228	
TM02	TM02-PZM009	C1L050251-005	12/04/01	12/05/01			X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L050251	Only VOAs reported for this sample in SDG SPC001. The sample ID for this VOA portion was C1K300228-004. This portion was sampled on 11/28/01, and received by the lab on 11/29/01. Hardcopy and EDD received on 12/24/01, and sent to validator on 1/2/02. It was in SPC001 and lot# C1K300228.
	TM02-PZM028	C1K300228-005	11/28/01	11/30/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K300228	
	TM02-PZM028DUP	C1K300228-006	11/28/01	11/30/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K300228	
	TM02-PZM062	C1K300228-007	11/28/01	11/30/01	X		X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K300228	
TM03	TM03-PZM037	C1L010127-009	11/30/01	12/01/01	X		X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1L010127	
	TM03-PZM004	C1L010127-001	11/30/01	12/01/01	X		X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1L010127	
TM04	TM04-PZM056	C1L040205-008	12/03/01	12/04/01	X		X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L040205	
	TM04-PZM006	C1L040205-007	12/03/01	12/04/01			X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L040205	
	TM04-PZM028	C1L040205-006	12/03/01	12/04/01			X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L040205	
TM05	TM05-PZM040	C1L040198-002	12/03/01	12/04/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1L040198	
	TM05-PZM005	C1L040198-001	12/03/01	12/04/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1L040198	
TM06	TM06-PZM034	C1L040205-004	12/03/01	12/04/01	X		X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L040205	
	TM06-PZM008	C1L040205-005	12/03/01	12/04/01			X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L040205	
TM07	TM07-PZM045	C1L040205-003	12/03/01	12/04/01			X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L040205	
	TM07-PZM005	C1L040205-001	12/03/01	12/04/01			X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L040205	
	TM07-PZM005DUP	C1L040204-002	12/03/01	12/04/01			X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L040205	
TM08	TM08-PZM038	C1K280204-002	11/27/01	11/28/01	X	X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1K280204	
	TM08-PZM038DUP	CIK280204-003	11/27/01	11/28/01	X	X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1K280204	
	TM08-PZM007	C1K280204-001	11/27/01	11/28/01		X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1K280204	
TM09	TM09-PZM047	C1L050241-003	12/04/01	12/05/01	X	X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1L050241	VOA analysis reported from sampling date 11/28/01 in this SDG also; TM09-PZM047A-01C
	TM09-PZM007	C1K300226-003	11/28/01	11/30/01	X	X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1K00226	
TM10	TM10-PZM007	C1K280199-006	11/27/01	11/28/01	X		X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K280199	

HUMPHREY/TIN/FINISHING
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Tracking Sheet
Humphreys Impoundment, Tin Mill, Finishing Mill

Location Designation

Location Designation	Piezometer Designation Sample ID	Laboratory Sample ID	Date Sampled	Date Received	Major Ion Data	Abbreviated Appendix IX List	Preliminary COPI List	Hardcopy Data Received	EDD Received	Date sent to Validator	Date EDD received from Validator	Date hardcopy received from Validator	SDG Number	Lot Number	Comments
TM11	TM11-PZM034	C1K280199-005	11/27/01	11/28/01	X		X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K280199	
	TM11-PZM007	C1K280199-004	11/27/01	11/28/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K280199	
TM12	TM12-PZM006	C1K300228-008	11/28/01	11/30/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K300228	
TM13	TM13-PZM046	C1L050241-002	12/04/01	12/05/01	X	X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1L050241	VOA analysis reported from sampling date 11/28/01 in this SDG also; TM13-PZM046A-01C
	TM13-PZM007	C1L050241-001	12/04/01	12/05/01	X	X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1L050241	VOA analysis reported from sampling date 11/28/01 in this SDG also; TM13-PZM007A-01C
TM14	TM14-PZM005	C1K300306-005	11/29/01	11/30/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1K300306	
TM15	TM15-PZM031	C1L070271-008	12/06/01	12/07/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L070271	Per COC. 8260B compounds only
	TM15-PZM007	C1L010127-005	11/30/01	12/01/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1L010127	
	TM15-PZM011	C1L010127-003	11/30/01	12/01/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1L010127	
	TM15-PZM011DUP	CIL010127-004	11/30/01	12/01/01			X	1/4/2000	1/4/2002	1/10/2002			SPC002	C1L010127	
TM16	TM16-PZM007	C1K300305-001	11/29/01	11/30/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K300305	
TM17	TM17-PZM005	C1K300306-004	11/29/01	11/30/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1K300306	
TM18	TM18-PZM005	C1K300306-002	11/29/01	11/30/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1K300306	
FM01	FM01-PZM041	C1K300306-007	11/29/01	11/30/01	X		X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1K300306	
	FM01-PZM041DUP	CIK300306-008	11/29/01	11/30/01	X		X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1K300306	
	FM01-PZM003	C1K300306-009	11/29/01	11/30/01	X		X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1K300306	
FMO2	FM02-PZM033	C1L010127-007	11/30/01	12/01/01	X		X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1L010127	
	FM02-PZM002	C1L010127-006	11/30/01	12/01/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1L010127	
FM03	FM03-PZM026	C1L050251-002	12/04/01	12/0501	X		X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L050251	
	FM03-PZM005	C1L060331-005	12/05/01	12/06/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L060331	
FM04	FM04-PZM037	C1K300306-006	11/29/01	11/30/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1K300306	
	FM04-PZM010	C1K300306-003	11/29/01	11/30/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1K300306	
FM05	FM05-PZM024	C1K300306-001	11/29/01	11/30/01	X		X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1K300306	
	FM05-PZM004	C1K300305-002	11/29/01	11/30/01	X		X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K300305	
QC	TB11/26/01	C1K270198-004	11/26/01	11/27/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K270198	
	EB11/26/01COPI	C1K270198-003	11/26/01	11/27/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K270198	
	TB11/27/01	C1K280204-004	11/27/01	11/28/01		X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1K280204	
	EB11/28/01APP9	C1K300226-006	11/28/01	11/30/01	X	X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1K300226	VOAs only reported as analysis was canceled due to cooler arriving late. Same as the three above.
	TB11/28/01	C1K300226-007	11/28/01	11/30/01		X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1K300226	
	EB11/28/01COPI	C1K300228-009	11/28/01	11/30/01			X	12/24/2001	12/24/2001	1/2/2002			SPC001	C1K300228	
	TB11/29/01	C1K300306-010	11/29/01	11/30/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1K300306	
	EB11/30/01COPIB	CIL010127-002	11/30/01	12/01/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1L010127	
	EB11/30/01COPIA	CIL010127-008	11/30/01	12/01/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1L010127	
	TB11/30/01	CIL010127-010	11/30/01	12/01/01			X	1/4/2002	1/4/2002	1/10/2002			SPC002	C1L010127	
	TB12/03/01	C1L040205-009	12/03/01	12/04/01			X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L040205	
	EB12/04/01COPIA	C1L050251-003	12/04/01	12/05/01			X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L050251	
	EB12/04/01COPIB	CIL050251-004	12/04/01	12/05/01	X		X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L050251	
	TB12/04/01	C1L050251-006	12/04/01	12/05/01			X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L050251	

Tracking Sheet
Coke Oven

		GROUNDWATER SAMPLING LIST FOR COKE OVEN AREA													
Location Designation	Former Piezometer Designation	Piezometer Designation	Laboratory Sample ID	Date Sampled	Date Received	Major Ion Data	Abbreviated Appendix IX	Preliminary COPI List	Hardcopy Data Received	EDD Received	Date sent to Validator	Date EDD received from Validator	Date hardcopy received from Validator	SDG Number	Lot Number	Comments
CO02		CO02-PZM041	C1L200346-007	12/19/01	12/20/01	X	X		1/17/2002	1/17/2002	1/21/2002			SPA002	C1L200345	
		CO02-PZM006	C1L200345-001	12/19/01	12/20/01		X		1/17/2002	1/17/2002	1/21/2002			SPA002	C1L200345	
CO03		CO03-PZM005	C1L200346-003	12/19/01	12/20/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
CO04		CO04-PZM048	C1L200346-010	12/19/01	12/20/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
		CO04-PZM004	C1L200346-014	12/19/01	12/20/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
CO05		CO05-PZM006	C1L210317-003	12/20/01	12/21/01		X		1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
CO06		CO06-PZM039	C1L210317-007	12/20/01	12/21/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
		CO06-PZM008	C1L210317-011	12/20/01	12/21/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
		CO06-PZM008DUP	C1L210317-012	12/20/01	12/21/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
CO07		CO07-PZM050	C1L220141-001	12/21/01	12/22/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC008	C1L220141	
		CO07-PZM008	C1L220140-007	12/21/01	12/22/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L220140	
		CO07-PZM008DUP	C1L220141-002	12/21/01	12/22/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC008	C1L220141	
CO08	CO-08-TS	CO08-PZM036	C1L200346-011	12/19/01	12/20/01			X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
	CO-08-SS	CO08-PZM005	C1L200346-012	12/19/01	12/20/01			X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
CO09		CO09-PZM007	C1L210311-001	12/20/01	12/21/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L210311	
		CO90-PZM007DUP	C1L210311-002	12/20/01	12/21/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L210311	
CO10	CO-10-TS	CO10-PZM029	C1L200346-013	12/19/01	12/20/01			X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
	CO-10-SS	CO10-PZM006	C1L200346-006	12/19/01	12/20/01			X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
CO11		CO11-PZM007	C1L220141-004	12/21/01	12/22/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC008	C1L220141	
CO12		CO12-PZM008	C1L220140-005	12/21/01	12/22/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L220140	
CO13		CO13-PZM030	C1L310126-001	12/20/01	12/21/01	X	X		1/23/2002	1/23/2002	1/23/2002			SPA003	C1;310126	
		CO13-PZM008	C1L210317-001	12/20/01	12/21/01	X	X		1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
CO15		CO15-PZM005	C1L200346-001	12/19/01	12/20/01			X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
		CO15-PZM005 DUP	C1L200346-002	12/19/01	12/20/01			X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
CO16		CO16-PZM006	C1L220140-003	12/21/01	12/22/01			X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L220140	
CO17		CO17-PZM005	C1L220140-001	12/21/01	12/22/01			X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L220140	
CO18		CO18-PZM006	C1L220140-002	12/21/01	12/22/01			X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L220140	
CO19		CO19-PZM004	C1L310123-001	12/21/01	12/21/01	X		X	1/23/2002	1/23/2002	1/23/2002			SPC009	C1L310123	
CO20		CO20-PZM004	C1L210317-005	12/20/01	12/21/01			X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
CO21		CO21-PZM005	C1L210311-003	12/20/01	12/21/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L210311	
CO22		CO22-PZM005	C1L210317-004	12/20/01	12/21/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
CO23		CO23-PZM008	C1L210317-009	12/20/01	12/21/01			X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
CO24		CO24-PZM007	C1L220140-006	12/21/01	12/22/01			X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L220140	
CO25		CO25-PZM008	C1L210317-006	12/20/01	12/21/01			X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
CO26		CO26-PZM007	C1L210317-002	12/20/01	12/21/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
SW17	SW-17-TS	SW17-PZM038	C1L200346-008	12/19/01	12/20/01			X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
	SW-17-SS	SW17-PZM007	C1L200346-009	12/19/01	12/20/01			X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
SW18	SW-18-TS	SW18-PZM053	C1L220140-004	12/21/01	12/22/01			X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L220140	
	SW-18-SS	SW18-PZM008	C1L220141-005	12/21/01	12/22/01			X	1/17/2002	1/17/2002	1/21/2002			SPC008	C1L220141	
QC		EB12/19/01COPIMIA	C1L200346-015	12/19/01	12/20/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
		EB12/19/01COPIMIB		12/19/01	12/20/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006		
		TB12/19/01	C1L200346-017	12/19/01	12/20/01			X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
		EB12/20/01COPIMIA	C1L210317-008	12/20/01	12/21/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
		EB12/20/01COPIMIB	C1L210317-010	12/20/01	12/21/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
		TB12/20/01	C1L210317-014	12/20/01	12/21/01			X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	
		EB12/21/01COPIMI	C1L220141-006	12/21/01	12/22/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC008	C1L220141	
		TB12/21/01	C1L220141-007	12/21/01	12/22/01			X	1/17/2002	1/17/2002	1/21/2002			SPC008	C1L220141	

GROUNDWATER SAMPLING LIST FOR COKE POINT LANDFILL

Location Designation	Piezometer Designation Sample ID	Laboratory Sample ID	Date Sampled	Date Received	Major Ion Data	Abbreviated Appendix IX	Preliminary COPI List	Hardcopy Data Received	EDD Received	Date sent to Validator	Date EDD received form Validator	Date hardcopy received from Validator	SDG Number	Lot Number	Comments
CP02	CP02-PZM026	C1L060328-005	12/05/01	12/06/01	X		X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L060328	
	CP02-PZM007	C1L060328-004	12/05/01	12/06/01	X		X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L060328	
CP03	CP03-PZM025	C1L070271-001	12/06/01	12/07/01	X		X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L070271	
	CP03-PZM008	C1L210317-013	12/20/01	12/21/01			X	1/17/2002	1/17/2002	1/21/2002			SPC007	C1L210317	COC had no SVOA. Carrie Gamber stated well had ran dry, so no volume was collected for this parameter, and only one bottle collected for PCB.
CP05	CP05-PZM028	C1L070271-006	12/06/01	12/07/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L070271	
	CP05-PZM008	C1L070271-005	12/06/01	12/07/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L070271	
	CP05-PZM019	C1L070271-007	12/06/01	12/07/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L070271	
CP06	CP06-PZM009	C1L200346-004	12/19/01	12/20/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
CP07	CP07-PZM026	C1L070271-004	12/06/01	12/07/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L070271	
	CP07-PZM006	C1L070271-003	12/06/01	12/07/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L070271	
CP08	CP08-PZM034	C1L060328-003	12/05/01	12/06/01	X		X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L060328	
	CP08-PZM008	C1L060331-001	12/05/01	12/06/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L060331	
	CP08-PZM008DUP	C1L060331-002	12/05/01	12/06/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L060331	
CP09	CP09-PZM047	C1L070279-001	12/06/01	12/07/01	X	X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1L070279	
	CP09-PZM047DUP	C1L070279-002	12/06/01	12/07/01	X	X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1L070279	
	CP09-PZM010	C1L070279-003	12/06/01	12/07/01		X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1L070279	
CP10	CP10-PZM008	C1L200346-005	12/19/01	12/20/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L200346	
CP11	CP11-PZM040	C1L060331-004	12/05/01	12/06/01	X		X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L060331	
	CP11-PZM010	C1L060331-003	12/05/01	12/06/01	X		X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L060331	
CP12	CP12-PZM052	C1L060328-006	12/05/01	12/06/01	X		X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L060328	
	CP12-PZM012	C1L060328-007	12/05/01	12/06/01			X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L060328	
CP14	CP14-PZM062	C1L060328-001	12/05/01	12/06/01	X		X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L060328	
	CP14-PZM009	C1L060328-002	12/05/01	12/06/01	X		X	1/11/2002	1/11/2002	1/11/2002			SPC003	C1L060328	
TS07	TS07-PPM005	C1L070271-002	12/06/01	12/07/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L070271	
QC	TB12/5/01	C1L060331-006	12/05/01	12/06/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L060331	
	TB12/6/01	C1L070271-009	12/06/01	12/07/01			X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L070271	
	EB12/6/01APP9MI	C1L070279-004	12/06/01	12/07/01	X	X		1/15/2002	1/15/2002	1/17/2002			SPA001	C1L070279	
	EB12/7/01COPIMI	CIL080124-002	12/07/01	12/08/01	X		X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L080124	

Tracking Sheet
Greys Landfill

		GROUNDWATER SAMPLING LIST FOR GREYS LANDFILL														
Location Designation	Former Piezometer Designation	Piezometer Designation Sample ID	Laboratory Sample ID	Date Sampled	Date Received	Major Ion Data	Abbreviated Appendix IX	Preliminary COPI List	Hardcopy Data Received	EDD Received	Date sent to Validator	Date EDD received from Validator	Date hardcopy received from Validator	SDG Number	Lot Number	Comments
GL02		GL02-PZM028	C1L180243-008	12/17/01	12/18/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
	GL-MW15pl	GL02-PZM017	C1L180243-009	12/17/01	12/18/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
	GS-3	GL02-PZM008	C1L180243-010	12/17/01	12/18/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
GL05	GL-05-UP	GL05-PZM020	C1L180243-006	12/17/01	12/18/01			X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
GL07	GL-07-UP	GL07-PZM031	C1L180243-004	12/17/01	12/18/01			X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
GL08		GL08-PZM036	C1L080124-001	12/07/01	12/08/01	X		X	1/16/2002	1/16/2002	1/17/2002			SPC004	C1L080124	
	GS-1	GL08-PZM000	C1L180243-003	12/17/01	12/18/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
GL10		GL10-PZM012	C1L190296-008	12/18/01	12/19/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L190296	
	GS-5	GL10-PZP003	C1L190296-003	12/18/01	12/19/01			X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L190296	
GL11		GL11-PZM030	C1L190296-001	12/18/01	12/19/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L190296	
		GL11-PZM030DUP	C1L190296-002	12/18/01	12/19/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L190296	
	GS-7	GL11-PZP002	C1L180243-005	12/17/01	12/18/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
GL13	GL-PZ2pl1	GL13-PZM032	C1L190296-004	12/18/01	12/19/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L190296	
	GL-PZ2pl2	GL13-PZM012	C1L190301-001	12/18/01	12/19/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L190301	
		GL13-PZM012DUP	C1L190301-002	12/18/01	12/19/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L190301	
	GS-6	GL13-PZP003	C1L190296-005	12/18/01	12/19/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L190296	GL13-PZM007
GL14	GL-PZ3pl	GL14-PZM010				X		X								
		GL14-PZP002						X								
GL15		GL15-PZM022	C1L190307-001	12/18/01	12/19/01	X	X		1/17/2002	1/17/2002	1/21/2002			SPA002	C1L190307	
		GL15-PZM022DUP	C1L190307-002	12/18/01	12/19/01	X	X		1/17/2002	1/17/2002	1/21/2002			SPA002	C1L190307	
	GS-4	GL15-PZP008	C1L220141-003	12/21/01	12/22/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC008	C1L220141	
GL16		GL16-PZP003	C1L190296-006	12/18/01	12/19/01			X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L190296	Well ran dry. Only able to sample for 8260B, 8082, & 6010B
GL17	GL-PZ5pa	GL17-PZM032	C1L180248-001	12/17/01	12/18/01	X	X		1/17/2002	1/17/2002	1/21/2002			SPA002	C1L180248	
	GS-2B	GL17-PZM005	C1L180243-011	12/17/01	12/18/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
	GS-2A	GL17-PZP008	C1L190307-003	12/18/01	12/19/01	X	X		1/17/2002	1/17/2002	1/21/2002			SPA002	C1L190307	
GL18		GL18-PZP002	C1L180243-001	12/17/01	12/18/01			X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
		GL18-PZP002DUP	C1L180243-002	12/17/01	12/18/01			X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
QC		EB12/17/01COPIMI	C1L180243-007	12/17/01	12/18/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
		TB12/17/01	C1L180243-012	12/17/01	12/18/01			X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L180243	
		EB12/18/01COPIMIA	C1L190296-007	12/18/01	12/19/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L190296	
		EB12/18/01COPIMIB	C1L190296-009	12/18/01	12/19/01	X		X	1/17/2002	1/17/2002	1/21/2002			SPC005	C1L190296	
		TB12/18/01	C1L190301-003	12/18/01	12/19/01			X	1/17/2002	1/17/2002	1/21/2002			SPC006	C1L190301	

SEVERN TRENT SERVICES

STL Pittsburgh

Please be advised that during a recent QA data audit a reporting error was found on sample CP02-PZM026. The corrected report is attached. A review of all reports for the last six months has been conducted and no other identification errors were found.

The changes in the reported data is as follows:

Compound	Original Value	Corrected Value
1,1,2-trichloroethane	0.31 U ug/L	1.0 U ug/L

This reporting error occurred because of similar spectras and retention times shared between target compounds. Refresher training has taken place with our analyst to ensure detection of this type of miss hit. As always we wish to make every effort to minimize errors. If you have questions please call me at 412-820-2087.

Sincerely,

Patrick A. Conlon
QA Manager & Technical Director

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35J1AA Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: CP02-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	85	E
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	0.36	J
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	~~0.31~~ 1.0	~~J~~ U BL 13.02
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC003

Matrix: (soil/water) WATER Lab Sample ID:C1L060328 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/06/01
Work Order: EP35J1AA Date Extracted:12/07/01
Dilution factor: 1 Date Analyzed: 12/07/01
Moisture %:NA

QC Batch: 1341145

Client Sample Id: CP02-PZM026

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	85	E
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	0.36	J
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
75-09-2	Methylene chloride	2.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	~~0.21~~ 1.0	~~J~~ U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	2.0	U

DL6 13.02

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VOLATILE REPORT SW-846 Method

Data file : \\QPITPA02\d\chem\hp5.i\51207d.b\5120717.D
Lab Smp Id: EP35J1AA Client Smp ID: CP02-PZM026
Inj Date : 07-DEC-2001 14:57 MS Autotune Date: 13-MAR-2000 08:53
Operator : 10099 Inst ID: hp5.i
Smp Info : c11060328-005 5ml
Misc Info : ep35j1aa,51207d.b,8260bllw.m,5-dwlistw.sub
Comment :
Method : \\QPITPA02\d\chem\hp5.i\51207d.b\8260bllw.m
Meth Date : 07-Dec-2001 07:05 gordonk Quant Type: ISTD
Cal Date : 04-DEC-2001 18:48 Cal File: 2E51204N.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 5-dwlistw.sub
Target Version: 4.04
Processing Host: PITPC006

Concentration Formula: Amt * DF * 1/Vo*Vt

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume
Vt	1.000	mg/L conversion (1.0 if no conversion)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/L)
* 46 Fluorobenzene	96	7.147	7.159	(1.000)	151448	50.0000	
* 69 Chlorobenzene-d5	119	10.226	10.231	(1.000)	36635	50.0000	
* 92 1,4-Dichlorobenzene-d4	152	12.544	12.549	(1.000)	49325	50.0000	
$ 39 Dibromofluoromethane	113	6.405	6.411	(0.896)	31322	48.6870	9.737
$ 43 1,2-Dichloroethane-d4	65	6.770	6.776	(0.947)	46035	61.6523	12.33
$ 59 Toluene-d8	98	8.790	8.802	(0.860)	146277	52.1021	10.42
$ 80 Bromofluorobenzene	95	11.394	11.393	(1.114)	54068	51.4793	10.30
2 Chloromethane	50	Compound Not Detected.					
3 Vinyl Chloride	62	Compound Not Detected.					
4 Bromomethane	94	Compound Not Detected.					
5 Chloroethane	64	Compound Not Detected.					
6 Trichlorofluoromethane	101	Compound Not Detected.					
1 Dichlorodifluoromethane	85	Compound Not Detected.					
12 1,1-Dichloroethene	96	Compound Not Detected.					
13 Acetone	43	3.406	3.412	(0.477)	237646	424.217	84.84
15 Carbon Disulfide	76	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/L)
	18 Methylene Chloride	84	Compound Not Detected.					
	19 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	20 Methyl tert-butyl ether	73	Compound Not Detected.					
	24 1,1-Dichloroethane	63	Compound Not Detected.					
	27 2,2-Dichloropropane	77	Compound Not Detected.					
	28 cis-1,2-dichloroethene	96	Compound Not Detected.					
M	29 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	30 Bromochloromethane	128	Compound Not Detected.					
	31 2-Butanone	43	Compound Not Detected.					
	37 Chloroform	83	6.223	6.222	(0.871)	2204	1.79399	0.3588
	38 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 1,1-Dichloropropene	75	Compound Not Detected.					
	41 Carbon Tetrachloride	117	Compound Not Detected.					
	42 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	47 Trichloroethene	130	Compound Not Detected.					
	49 1,2-Dichloropropane	63	Compound Not Detected.					
	50 Dibromomethane	93	Compound Not Detected.					
	53 Bromodichloromethane	83	Compound Not Detected.					
	57 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	58 4-Methyl-2-Pentanone	43	Compound Not Detected.					
	60 Toluene	91	8.857	8.863	(0.866)	4586	1.18913	0.2378
	61 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	63 1,3-Dichloropropane	76	Compound Not Detected.					
	64 1,1,2-Trichloroethane	97	Compound Not Detected.					
	65 Tetrachloroethene	164	Compound Not Detected.					
	66 2-Hexanone	43	Compound Not Detected.					
	67 Dibromochloromethane	129	Compound Not Detected.					
	68 1,2-Dibromoethane	107	Compound Not Detected.					
	70 Chlorobenzene	112	Compound Not Detected.					
	71 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	72 Ethylbenzene	106	Compound Not Detected.					
	73 m + p-Xylene	106	Compound Not Detected.					
	74 Xylene-o	106	Compound Not Detected.					
M	75 Xylenes (total)	106	Compound Not Detected.					
	76 Styrene	104	Compound Not Detected.					
	77 Bromoform	173	Compound Not Detected.					
	78 Isopropylbenzene	105	Compound Not Detected.					
	79 Bromobenzene	156	Compound Not Detected.					
	81 n-Propylbenzene	120	Compound Not Detected.					
	82 2-Chlorotoluene	126	Compound Not Detected.					
	83 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	84 1,2,3-Trichloropropane	110	Compound Not Detected.					
	85 4-Chlorotoluene	126	Compound Not Detected.					
	86 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	87 tert-Butylbenzene	119	Compound Not Detected.					
	88 1,2,4-Trimethylbenzene	105	Compound Not Detected.					

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Please be advised that during a recent QA data audit a reporting error was found on sample CO25-PZM008. The corrected report is attached. A review of all reports for the last six months has been conducted and no other identification errors were found.

The changes in the reported data is as follows:

Compound	Original Value	Corrected Value
1,1,2-trichloroethane	60 ug/L	50 U ug/L

This reporting error occurred because of similar spectras and retention times shared between target compounds. Refresher training has taken place with our analyst to ensure detection of this type of miss hit. As always we wish to make every effort to minimize errors. If you have questions please call me at 412-820-2087.

Sincerely,

Patrick A. Conlon
QA Manager & Technical Director

Lab Name: Severn Trent Laboratories, Inc. SDG Number: SPC007

Matrix: (soil/water) WATER Lab Sample ID: C1L210317 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0T11AD Date Extracted: 01/02/02
Dilution factor: 50 Date Analyzed: 01/02/02
Moisture %: NA

QC Batch: 2002122

Client Sample Id: CO25-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	500	U
71-43-2	Benzene	3900	E
75-25-2	Bromoform	50	U
78-93-3	2-Butanone	250	U
75-15-0	Carbon disulfide	50	U
56-23-5	Carbon tetrachloride	50	U
108-90-7	Chlorobenzene	50	U
75-00-3	Chloroethane	100	U
67-66-3	Chloroform	50	U
75-34-3	1,1-Dichloroethane	50	U
107-06-2	1,2-Dichloroethane	50	U
75-35-4	1,1-Dichloroethene	50	U
156-60-5	trans-1,2-Dichloroethene	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
100-41-4	Ethylbenzene	690	
591-78-6	2-Hexanone	250	U
75-09-2	Methylene chloride	100	U
108-10-1	4-Methyl-2-pentanone	250	U
630-20-6	1,1,1,2-Tetrachloroethane	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
127-18-4	Tetrachloroethene	50	U
108-88-3	Toluene	1900	
71-55-6	1,1,1-Trichloroethane	50	U
79-00-5	1,1,2-Trichloroethane	~~60~~ 50	U RL 6-13-02
79-01-6	Trichloroethene	50	U
75-01-4	Vinyl chloride	100	U

Lab Name:Severn Trent Laboratories, Inc. SDG Number:SPC007

Matrix: (soil/water) WATER Lab Sample ID:C1L210317 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 5 / mL Date Received: 12/21/01
Work Order: EQ0T11AD Date Extracted:01/02/02
Dilution factor: 50 Date Analyzed: 01/02/02
Moisture %:NA

QC Batch: 2002122

Client Sample Id: CO25-PZM008

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	500	U
71-43-2	Benzene	3900	E
75-25-2	Bromoform	50	U
78-93-3	2-Butanone	250	U
75-15-0	Carbon disulfide	50	U
56-23-5	Carbon tetrachloride	50	U
108-90-7	Chlorobenzene	50	U
75-00-3	Chloroethane	100	U
67-66-3	Chloroform	50	U
75-34-3	1,1-Dichloroethane	50	U
107-06-2	1,2-Dichloroethane	50	U
75-35-4	1,1-Dichloroethene	50	U
156-60-5	trans-1,2-Dichloroethene	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
100-41-4	Ethylbenzene	690	
591-78-6	2-Hexanone	250	U
75-09-2	Methylene chloride	100	U
108-10-1	4-Methyl-2-pentanone	250	U
630-20-6	1,1,1,2-Tetrachloroethane	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
127-18-4	Tetrachloroethene	50	U
108-88-3	Toluene	1900	
71-55-6	1,1,1-Trichloroethane	50	U
79-00-5	1,1,2-Trichloroethane	~~60~~ 50	U RL 6-13-02
79-01-6	Trichloroethene	50	U
75-01-4	Vinyl chloride	100	U

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VOLATILE REPORT SW-846 Method

Data file : \\QPITPA02\d\chem\hp5.i\50102d.b\5010204.D
Lab Smp Id: EQ0T11AD Client Smp ID: C025-PZM008
Inj Date : 02-JAN-2002 09:12 MS Autotune Date: 13-MAR-2000 08:53
Operator : 10099 Inst ID: hp5.i
Smp Info : c11210317-006 (1ml/50ml)/5ml
Misc Info : eq0t11ad,50102d.b,8260bllw.m,2-br.sub
Comment :
Method : \\QPITPA02\d\chem\hp5.i\50102d.b\8260bllw.m
Meth Date : 02-Jan-2002 07:16 GordonK Quant Type: ISTD
Cal Date : 04-DEC-2001 15:15 Cal File: 1A51204N.D
Als bottle: 7
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: 2-br.sub
Target Version: 4.04
Processing Host: PITPC006

K 6/4/02

Concentration Formula: Amt * DF * 1/Vo*Vt

Name	Value	Description
DF	50.000	Dilution Factor
Vo	5.000	Sample Volume
Vt	1.000	mg/L conversion (1.0 if no conversion)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/L)
* 46 Fluorobenzene	96	7.159	7.155	(1.000)	139287	50.0000	
* 69 Chlorobenzene-d5	119	10.231	10.227	(1.000)	31328	50.0000	
* 92 1,4-Dichlorobenzene-d4	152	12.549	12.551	(1.000)	20907	50.0000	
$ 39 Dibromofluoromethane	113	6.411	6.407	(0.895)	26587	46.7540	9.351
$ 43 1,2-Dichloroethane-d4	65	6.776	6.772	(0.946)	45938	50.7419	10.15
$ 59 Toluene-d8	98	8.801	8.798	(0.860)	129361	45.5306	9.106
$ 80 Bromofluorobenzene	95	11.399	11.401	(1.114)	37109	50.9195	10.18
2 Chloromethane	50	Compound Not Detected.					
4 Bromomethane	94	Compound Not Detected.					
3 Vinyl Chloride	62	Compound Not Detected.					
5 Chloroethane	64	Compound Not Detected.					
18 Methylene Chloride	84	Compound Not Detected.					
13 Acetone	43	Compound Not Detected.					
15 Carbon Disulfide	76	Compound Not Detected.					
12 1,1-Dichloroethene	96	Compound Not Detected.					
24 1,1-Dichloroethane	63	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/L)
	19 trans-1,2-Dichloroethene	96	Compound Not Detected.					
M	29 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	28 cis-1,2-dichloroethene	96	Compound Not Detected.					
	37 Chloroform	83	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	31 2-Butanone	43	Compound Not Detected.					
	38 1,1,1-Trichloroethane	97	Compound Not Detected.					
	41 Carbon Tetrachloride	117	Compound Not Detected.					
	53 Bromodichloromethane	83	Compound Not Detected.					
	49 1,2-Dichloropropane	63	Compound Not Detected.					
	57 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	47 Trichloroethene	130	Compound Not Detected.					
	67 Dibromochloromethane	129	Compound Not Detected.					
	64 1,1,2-Trichloroethane	97	Compound Not Detected.					
	42 Benzene	78	6.842	6.845	(0.956)	1289776	391.782	3918
	61 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	77 Bromoform	173	Compound Not Detected.					
	58 4-Methyl-2-Pentanone	43	Compound Not Detected.					
	66 2-Hexanone	43	Compound Not Detected.					
	65 Tetrachloroethene	164	Compound Not Detected.					
	83 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	60 Toluene	91	8.868	8.865	(0.867)	663379	192.621	1926
	70 Chlorobenzene	112	Compound Not Detected.					
	71 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	72 Ethylbenzene	106	Compound Not Detected.					
	76 Styrene	104	10.894	10.890	(1.065)	57626	35.4042	354.0
M	75 Xylenes (total)	106				99754	98.0711	980.7
	73 m + p-Xylene	106	10.486	10.483	(1.025)	72888	66.7194	667.2
	74 Xylene-o	106	10.882	10.884	(1.064)	26866	26.4128	264.1

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