Groundwater & Environmental Services, Inc.

2142 Priest Bridge Court • Suite 1 • Crofton, Maryland 21114 • (410) 721-0047 • Fax (410) 721-3733

April 30, 2010

Ms. Susan Bull
Maryland Department of the Environment
Oil Control Program
1800 Washington Blvd
Baltimore, MD 21230

Re: **SITE STATUS REPORT: FIRST QUARTER 2010**
Bel Air Xtramart #7805
2476 Churchville Road, Bel Air, Maryland
MDE Case #9-0972 HA

Dear Ms. Bull:

Groundwater and Environmental Services, Inc. (GES), on behalf of Drake Petroleum Company (Drake), is submitting the attached First Quarter 2010 Site Status Report. The report contains groundwater quality and monitoring data for the period January 1, 2010 through March 31, 2010.

Activities this quarter included:

- Quarterly monitoring of liquid levels; and
- Surveying of newly installed monitoring wells.

All groundwater samples were collected using a disposable bailer and the monitoring and potable wells were purged three volumes, prior to groundwater sampling. All groundwater samples were placed on ice in a cooler and transported under a Chain of Custody to Accutest Laboratories of Dayton, NJ. This lab is certified to analyze groundwater samples in the state of Maryland. All samples were analyzed within the applicable holding time with a dilution of 10% Hydrochloric Acid (HCL) as a preservative. The results for the groundwater monitoring and sampling are summarized in the attached report.

Light non-aqueous phase liquids (LNAPLs) were not detected in monitoring wells during the First Quarter 2010 monitoring period.

Should you have any questions or require additional information, please contact the undersigned at 1-800-220-3606 ext. 3703

Sincerely,

Andrea Taylorson-Collins
Environmental Scientist/Project Manager

Enclosure
c: Ms. Yolande Norman, Maryland Department of the Environment

CONSULTANT: Groundwater & Environmental Services, Inc.
PROJECT MANAGER: Andrea Taylorson-Collins / Project Manger, GES
SITE MANAGER: Raymond Leather / Director of Environmental Affairs, Drake

SITE HISTORY:

1991	Notice of Violation (NV-91-182) issued by the Maryland Department of the Environment (MDE) to Easton Petroleum Company, Inc.
03/92	Installation of a groundwater remediation system, using ten pre-existing monitoring wells, two recovery wells (R-1 and R-2), an oil/water separator tank, a pre-aerator, and two granular activated carbon (GAC) treatment units.
12/92	Harford County Health Department requested potable well sampling in the vicinity of the site. Sampling was conducted and Volatile Organic Carbons (VOCs) related to gasoline were not detected. The results were reported to MDE and follow-up was requested.
07/93	The remediation system was upgraded to include two aeration units, as approved by the Maryland Department of the Environment (MDE).
09/93	Notice of Violation NV-91-182B issued due to: free-phase petroleum product present in monitoring wells MW-1 and MW-2 and monthly reports not being submitted as required.
10/93	Proposal to Maryland Department of the Environment (MDE) for installation of a recovery well adjacent to monitoring well MW-1 and installation of a passive bailer on monitoring well MW-2.
01/94	Installation of a new recovery well RW-3.
04/94	Recovery well RW-3 connected to established remediation system. Passive bailer installed in monitoring well MW-2 for light non-aqueous phase liquids (LNAPLs) removal.
06/95	Soil Vapor Extraction (SVE) pilot test conducted, monitoring well (MW-9) installed.
11/95	A soil vapor extraction (SVE) test was conducted with groundwater depression.
12/96	Maryland Department of the Environment (MDE) requests discharge location be moved to a down-gradient storm drain.
01/97	Monitoring well MW-2 is paved over with asphalt and is no longer accessible.
05/97	Request from the Maryland Department of the Environment (MDE) to install Oxygen Release Compound (ORC) filter socks in two monitoring wells, MW-7 and MW-9.
10/97	Pumps removed from recovery wells RW-1 and RW-3 and the system was reconfigured to include groundwater extraction from monitoring wells MW-1, MW-9, and recovery well RW-3; replaced the former 55-gallon aerator units with a shallow tray aerator unit to enhance treatment to the recovered groundwater.
10/00	The Maryland Department of the Environment (MDE) approves a request for the implementation of cleaning recovery wells RW-1 and RW-2, and initiating Enhanced Fluid Recovery (EFR) events on recovery wells RW-1, RW-3, and monitoring wells MW-1, MW-2, and MW-7.
11/00	Well, pump, and remediation system cleaning conducted along with Enhanced Fluid Recovery (EFR) event.
05/01	Maryland Department of the Environment (MDE) approves an Envirojet event and groundwater and vapor extraction from monitoring well MW-7, and the accumulation of light non-aqueous phase liquids (LNAPLs) in recovery well RW-3 and former recovery well RW-1.
02/02	Request to shut the recovery system down due to drought conditions.

SITE HISTORY CONTINUED:

03/02	Maryland Department of the Environment (MDE) grants system shut down until the water levels have recovered, at which time it will return to operation as per Notice of Violation NV-91-182C.
07/02	A notice was sent to Easton Petroleum Company, Inc. from the Maryland Department of the Environment (MDE), requesting all monitoring data from the time of system shut-down to the present.
05/05	Groundwater sampling data submitted as per Maryland Department of the Environment (MDE) request.
05/05	Receptor survey conducted and underground storage tank (UST) system testing.
07/05	Report of receptor survey and underground storage tank (UST) system testing data submitted to Maryland Department of the Environment (MDE) as part of emergency regulations.
05/09	Determined that site is supplied by municipal water supply. Potable sampling terminated.
10/09	Monitoring well system abandoned with the exception of monitoring wells MW-7 and MW-9.
11/09	New monitoring wells MW-10 and MW-11 installed.
02/10	Site Characterization Report submitted to MDE

REGULATORY INTERACTION:

Agency:	Maryland Department of the Environment
Agency Contact:	Susan Bull
MDE Case #	9-0972 HA

REPORTING PERIOD ACTIVITIES:

On site Well Identifications:	Monitoring wells MW-7, MW-9, MW-10 and MW-11 sampled
Groundwater Sampling Frequency:	Quarterly (MW-7, MW-9, MW-10, MW-11)
Analytical Laboratory / Methods:	Accutest Laboratories of Dayton, New Jersey / Full suite Volatile Organic Compounds (VOCs) plus oxygenates by Method 8260B; Total Phase Hydrocarbons Gasoline Range / Diesel Range (TPH-GRO/DRO) by Method 8015B (Per MDE directive)
Gauging Frequency:	Quarterly
Other Site Activities:	Surveying of newly installed wells

QUARTERLY DATA SUMMARY:

Groundwater Sampling Date:	February 15, 2010
# of Wells / # Sampled:	4/4
Depth to Water (ft):	10.31 (monitoring well MW-9) feet to 11.72 (monitoring well MW-7) feet below top of casing
Dissolved Benzene Range:	Non-Detect (ND)<0.23 µg/l (tank field well TF-2) to 2,310 µg/l (monitoring well MW-10)
Dissolved BTEX Range:	14.51 µg/l (tankfield well TF-2) to 32,260 µg/l (monitoring well MW-10)
Dissolved MTBE Range:	0.83 µg/l (tankfield well TF-2) to 139,000 µg/l (monitoring well MW-10)

FUTURE ACTIVITIES:

Quarterly gauging and sampling of monitoring wells
Work with the MDE to name Eastern Petroleum as the Responsible Party

ATTACHMENTS:

LIST OF FIGURES

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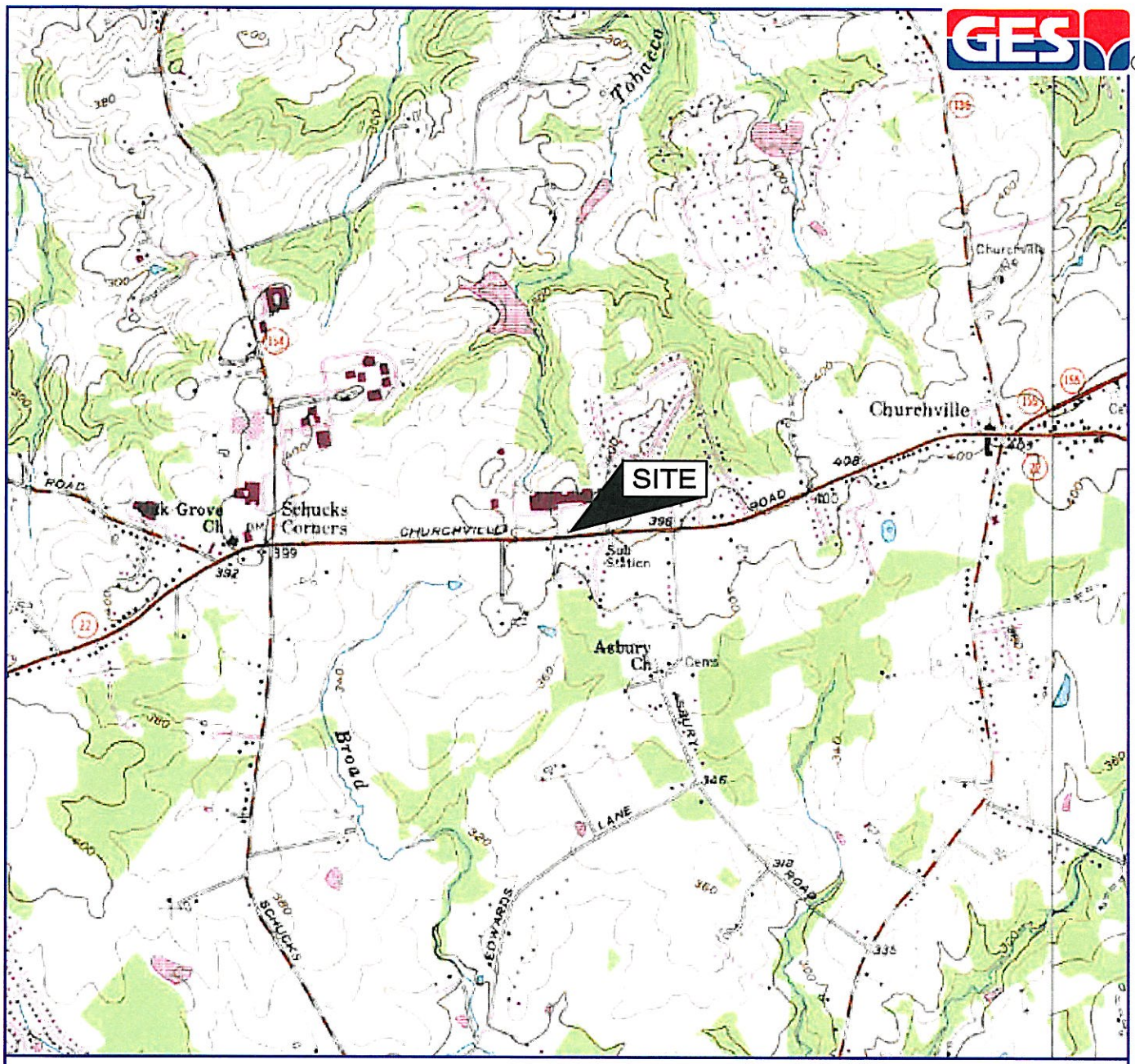
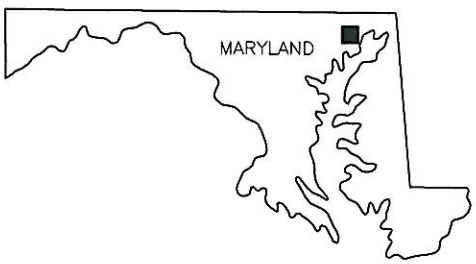


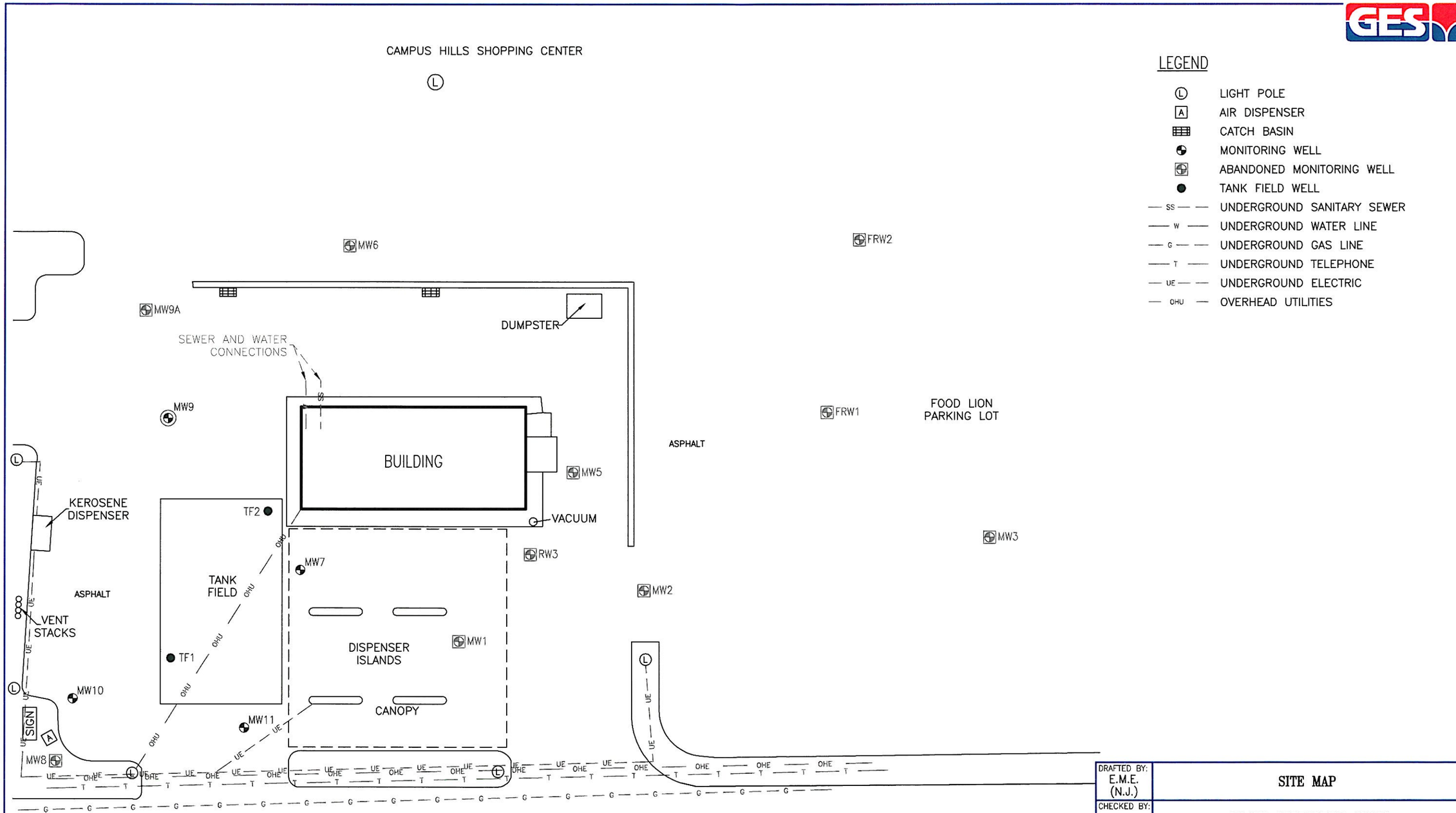
SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1986
BEL AIR, MARYLAND
CONTOUR INTERVAL = 20'



QUADRANGLE LOCATION

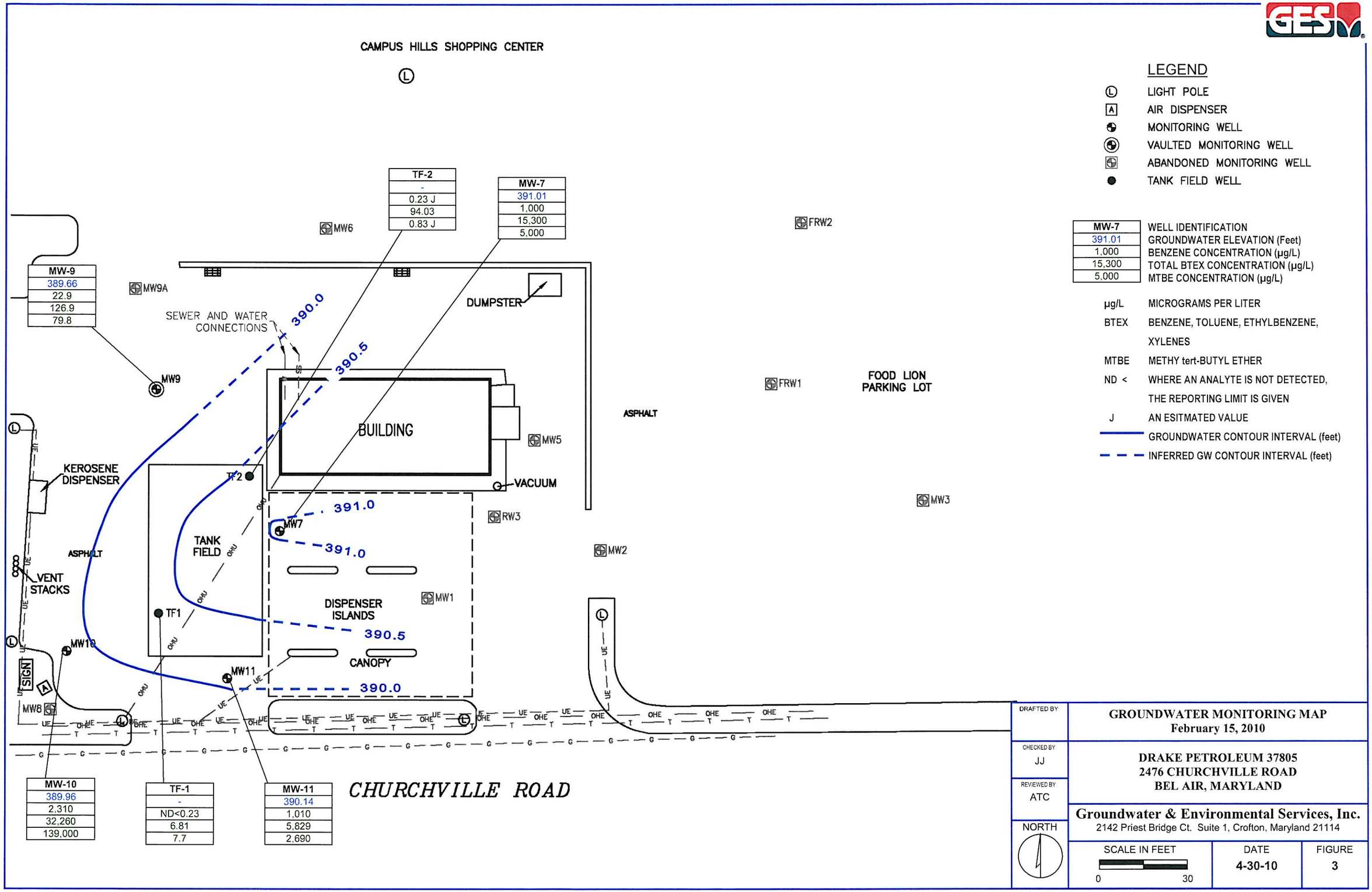
DRAFTED BY: E.M.E. (N.J.)	SITE LOCATION MAP
CHECKED BY: MKM	DRAKE PETROLEUM #7805 2476 CHURCHVILLE ROAD BEL AIR, MARYLAND
REVIEWED BY: ATC	
NORTH	Groundwater & Environmental Services, Inc. 2142 PRIEST BRIDGE COURT, SUITE 1, CROFTON, MD 21114

SCALE IN FEET	DATE	FIGURE
0 — 2000	2-23-10	1



DRAFTED BY: E.M.E. (N.J.)	SITE MAP
CHECKED BY: JJ	DRAKE PETROLEUM #7805 2476 CHURCHVILLE ROAD BEL AIR, MARYLAND
REVIEWED BY: ATC	Groundwater & Environmental Services, Inc. 2142 PRIEST BRIDGE COURT, SUITE 1, CROFTON, MD 21114
NORTH	SCALE IN FEET: 0 APPROXIMATE 30 / DATE: 2-23-10 / FIGURE: 2

M:\Graphics\0400-Crofton\Drake Petroleum\Bel Air\Bel Air SM.dwg, 2/23/2010 1:47:10 PM, EEdwards


CAMPUS HILLS SHOPPING CENTER
LEGEND
LIGHT POLE
AIR DISPENSER
MONITORING WELL
VAULTED MONITORING WELL
ABANDONED MONITORING WELL
TANK FIELD WELL
MW-7 WELL IDENTIFICATION
391.01 GROUNDWATER ELEVATION (Feet)
1,000 BENZENE CONCENTRATION (µg/L)
15,300 TOTAL BTEX CONCENTRATION (µg/L)
5,000 MTBE CONCENTRATION (µg/L)
µg/L MICROGRAMS PER LITER
BTEX BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
MTBE METHY tert-BUTYL ETHER
ND < WHERE AN ANALYTE IS NOT DETECTED, THE REPORTING LIMIT IS GIVEN
J AN ESITMATED VALUE
GROUNDWATER CONTOUR INTERVAL (feet)
INFERRED GW CONTOUR INTERVAL (feet)
TF-2
-
0.23 J
94.03
0.83 J
MW-7
391.01
1,000
15,300
5,000
MW-9
389.66
22.9
126.9
79.8
MW-10
389.96
2,310
32,260
139,000
TF-1
-
ND<0.23
6.81
7.7
MW-11
390.14
1,010
5,829
2,690
MW6
MW9A
MW9
MW5
MW7
MW10
MW11
MW8
MW1
MW2
MW3
FRW1
FRW2
RW3
TF1
TF2
390.0
390.5
391.0
SEWER AND WATER CONNECTIONS
DUMPSTER
BUILDING
VACUUM
KEROSENE DISPENSER
TANK FIELD
ASPHALT
VENT STACKS
DISPENSER ISLANDS
CANOPY
SIGN
FOOD LION PARKING LOT
CHURCHVILLE ROAD
DRAFTED BY
CHECKED BY JJ
REVIEWED BY ATC
NORTH
GROUNDWATER MONITORING MAP
February 15, 2010
DRAKE PETROLEUM 37805
2476 CHURCHVILLE ROAD
BEL AIR, MARYLAND
Groundwater & Environmental Services, Inc.
2142 Priest Bridge Ct. Suite 1, Crofton, Maryland 21114
SCALE IN FEET
0
30
DATE
4-30-10
FIGURE
3

TABLES

Table 1

LIQUID LEVEL DATA SUMMARY

Bel Air Xtramart
2476 Churchville Road
Bel Air, Maryland

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-1	403.01	04/25/05	10.94	-	-	392.07
		05/04/05	11.06	-	-	391.95
		12/14/05	15.41	-	-	387.60
		03/07/06	12.98	-	-	390.03
		06/08/06	15.51	-	-	387.50
		09/12/06	14.40	-	-	388.61
		12/05/06	13.07	-	-	389.94
		03/07/07	12.80	-	-	390.21
		07/06/07	13.75	-	-	389.26
		09/13/07	16.20	-	-	386.81
		12/20/07	18.10	-	-	384.91
		03/17/08	15.51	-	-	387.50
		06/10/08	14.55	-	-	388.46
		09/25/08	17.36	-	-	385.65
		11/19/09	14.80	-	-	388.21
			Well abandoned 11/19/2009			
MW-2	403.40	04/25/05	10.67	-	-	392.73
		05/04/05	11.50	-	-	391.90
		12/14/05	15.66	-	-	387.74
		03/07/06	8.71	-	-	394.69
		06/08/06	14.78	-	-	388.62
		12/05/06	13.11	-	-	390.29
		03/07/07	12.28	-	-	391.12
		07/06/07	9.61	-	-	393.79
		09/13/07	15.11	-	-	388.29
		12/20/07	18.63	-	-	384.77
		03/17/08	12.75	-	-	390.65
		06/10/08	14.05	-	-	389.35
		09/25/08	17.66	-	-	385.35
		11/19/09	14.10	-	-	388.91
			Well abandoned 11/19/2009			
MW-3	403.71	04/25/05	11.46	-	-	392.25
		05/04/05	11.73	-	-	391.98
		12/14/05	16.11	-	-	387.60
		03/07/06	13.47	-	-	390.24
		06/08/06	15.13	-	-	388.58
		12/05/06	13.47	-	-	390.24
		03/07/07	13.23	-	-	390.48
		07/06/07	14.46	-	-	389.25
		09/13/07	16.98	-	-	386.73

Table 1

LIQUID LEVEL DATA SUMMARY

Bel Air Xtramart
2476 Churchville Road
Bel Air, Maryland

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-3 (cont.)		12/20/07	18.80	-	-	384.91
		03/17/08	16.31	-	-	387.40
		06/10/08	15.10	-	-	388.61
		09/25/08	18.10	-	-	384.91
		11/19/09	14.74	-	-	388.27
			Well abandoned 11/19/2009			
MW-4	402.12	04/25/05	10.07	-	-	392.05
		05/04/05	10.31	-	-	391.81
		12/14/05	Could not locate			
		06/08/06	Well Destroyed			
MW-5	403.10	04/25/05	11.32	-	-	391.78
		05/04/05	11.51	-	-	391.59
		12/14/05	15.75	-	-	387.35
		03/07/06	13.27	-	-	389.83
		06/08/06	14.70	-	-	388.40
		12/05/06	13.31	-	-	389.79
		03/07/07	13.00	-	-	390.10
		07/06/07	14.00	-	-	389.10
		09/13/07	16.41	-	-	386.69
		12/20/07	18.20	-	-	384.90
		03/17/08	15.97	-	-	387.13
		06/10/08	14.72	-	-	388.38
		09/25/08	17.55	-	-	385.46
		11/19/09	14.50	-	-	388.51
			Well abandoned 11/19/2009			
MW-6	400.13	04/25/05	8.68	-	-	391.45
		05/04/05	8.77	-	-	391.36
		12/14/05	Under snow pile			
		03/07/06	Under snow pile			
		06/08/06	11.85	-	-	388.28
		09/12/06	11.00	-	-	389.13
		12/05/06	10.60	-	-	389.53
		03/07/07	10.16	-	-	389.97
		07/06/07	10.97	-	-	389.16
		09/13/07	13.10	-	-	387.03
		12/20/07	14.90	-	-	385.23
		03/17/08	12.95	-	-	387.18
		06/10/08	11.69	-	-	388.44
		09/25/08	14.31	-	-	388.70

Table 1

LIQUID LEVEL DATA SUMMARY

Bel Air Xtramart
2476 Churchville Road
Bel Air, Maryland

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-6 (cont.)		11/19/09	11.55	-	-	391.46
			Well abandoned 11/19/2009			
MW-7	402.73	04/25/05	10.88	-	-	391.85
		05/04/05	10.91	-	-	391.82
		12/14/05	15.21	trace	-	387.52
		03/07/06	12.80	-	-	389.93
		06/08/06	14.15	trace	-	388.58
		09/12/06	13.92	-	-	388.81
		12/05/06	12.88	-	-	389.85
		03/07/07	12.55	-	-	390.18
		07/06/07	13.46	-	-	389.27
		09/13/07	15.80	-	-	386.93
		12/20/07	17.18	-	-	385.55
		03/17/08	15.52	-	-	387.21
		06/10/08	14.25	-	-	388.48
		09/25/08	16.98	-	-	386.03
		11/19/09	14.52	-	-	388.49
		12/28/09	11.91	-	-	391.10
		02/15/10	11.72	-	-	391.29
MW-8			Well Destroyed			
MW-9	399.97	04/25/05	8.53	-	-	391.44
		05/04/05	8.44	-	-	391.53
		12/14/05	DRY	-	-	DRY
		03/07/06	Cemented shut			
		06/08/06	12.41	-	-	387.56
		09/12/06	11.15	-	-	388.82
		12/05/06	11.37	-	-	388.60
		03/07/07	10.93	-	-	389.04
		07/06/07	11.70	-	-	388.27
		09/13/07	13.92	-	-	386.05
		12/20/07	15.70	-	-	384.27
		03/17/08	13.70	-	-	386.27
		06/10/08	12.48	-	-	387.49
		09/25/08	15.05	-	-	387.96
		12/28/09	11.92	-	-	391.09
		02/15/10	10.31	-	-	389.66
MW-9A	400.00	04/25/05	8.61	-	-	391.39
		05/04/05	8.65	-	-	391.35

Table 1

LIQUID LEVEL DATA SUMMARY

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2476 Churchville Road
Bel Air, Maryland

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-9A		12/14/05	Under snow pile			
(cont.)		03/07/06	10.25	-	-	389.75
		06/08/06	DRY	-	-	DRY
		12/05/06	10.37	-	-	389.63
		03/07/07	9.99	-	-	390.01
		07/06/07	10.72	-	-	389.28
		09/13/07	DRY	-	-	DRY
		12/20/07	DRY	-	-	DRY
		03/17/08	12.66	-	-	387.34
		06/10/08	11.44	-	-	388.56
		09/25/08	DRY	-	-	DRY
		11/19/09	DRY	-	-	DRY
			Well abandoned 11/19/2009			
MW-10		11/19/09	12.61	-	-	387.75
		12/28/09	11.84	-	-	388.52
		02/15/10	10.40	-	-	389.96
MW-11		12/28/09	11.85	-	-	389.22
		02/15/10	10.93	-	-	390.14
FRW-1	401.19	04/25/05	9.10	-	-	392.09
		05/04/05	9.27	-	-	391.92
		12/14/05	13.61	-	-	387.58
		03/07/06	10.90	-	-	390.29
		06/08/06	12.72	-	-	388.47
		12/05/06	11.12	-	-	390.07
		03/07/07	10.44	-	-	390.75
		07/06/07	11.54	-	-	389.65
		09/13/07	14.74	-	-	386.45
		12/20/07	15.10	-	-	386.09
		03/17/08	13.40	-	-	387.79
		06/10/08	12.65	-	-	388.54
		09/25/08	15.59	-	-	387.42
		11/19/09	10.50	-	-	392.51
			Well abandoned 11/19/2009			
FRW-2	400.36	04/25/05	8.94	-	-	391.42
		05/04/05	8.74	-	-	391.62
		12/14/05	12.88	-	-	387.48
		03/07/06	10.53	-	-	389.83
		06/08/06	12.88	-	-	387.48

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LIQUID LEVEL DATA SUMMARY

Bel Air Xtramart
2476 Churchville Road
Bel Air, Maryland

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
FRW-2 (cont.)		12/05/06	10.55	-	-	389.81
		03/07/07	10.05	-	-	390.31
		07/06/07	11.19	-	-	389.17
		09/13/07	13.53	-	-	386.83
		12/20/07	15.30	-	-	385.06
		03/17/08	13.12	-	-	387.24
		06/10/08	11.88	-	-	388.48
		09/25/08	14.66	-	-	388.35
		11/19/09	11.60	-	-	391.41
			Well abandoned 11/19/2009			
RW-3	403.14	04/25/05	11.06	-	-	392.08
		05/04/05	11.24	-	-	391.90
		12/14/05	15.57	-	-	387.57
		03/07/06	13.05	-	-	390.09
		06/08/06	14.58	-	-	388.56
		09/12/06	14.23	-	-	388.91
		12/05/06	13.05	-	-	390.09
		03/07/07	12.71	-	-	390.43
		07/06/07	13.91	-	-	389.23
		09/13/07	16.40	-	-	386.74
		12/20/07	18.15	-	-	384.99
		03/17/08	13.87	-	-	389.27
		06/10/08	15.10	-	-	388.04
		09/25/08	17.57	-	-	385.44
		11/19/09	13.00	-	-	390.01
			Well abandoned 11/19/2009			
TF-1	-	12/14/05	DRY	-	-	DRY
		03/07/06	DRY	-	-	DRY
		06/08/06	DRY	-	-	DRY
		12/05/06	DRY	-	-	DRY
		03/07/07	DRY	-	-	DRY
		07/06/07	DRY	-	-	DRY
		09/13/07	DRY	-	-	DRY
		12/20/07	11.60	-	-	388.40
		03/17/08	DRY	-	-	DRY
		06/10/08	11.48	-	-	388.52
		09/25/08	DRY	-	-	DRY
		12/28/09	DRY	-	-	DRY
		02/15/10	10.42	-	-	

Table 1

LIQUID LEVEL DATA SUMMARY

Bel Air Xtramart
2476 Churchville Road
Bel Air, Maryland

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
TF-2	-	12/14/05	DRY	-	-	DRY
		03/07/06	DRY	-	-	DRY
		06/08/06	DRY	-	-	DRY
		12/05/06	DRY	-	-	DRY
		03/07/07	Car Parked Over Well			
		07/06/07	DRY	-	-	DRY
		09/13/07	DRY	-	-	DRY
		12/20/07	12.85	-	-	387.15
		03/17/08	DRY	-	-	DRY
		06/10/08	DRY	-	-	DRY
		09/25/08	DRY	-	-	DRY
		12/28/09	DRY	-	-	DRY
		02/15/10	11.41	-	-	

Notes:
LNAPL = Light non-aqueous phase liquid(s)

Table 2

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air XtraMart
2476 Churchville Road
Bel Air, Maryland

Well ID	Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TBA (µg/l)	TAME (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAA (µg/l)	TAEE (µg/l)	TPH-GRO (mg/l)	TPH-DRO (mg/l)
MDE Cleanup Standard		5.0	1,000	700	10,000	-	20	-	-	-	-	-	-	0.047	0.047
MW-1	01/15/01	***13,000***	***11,000***	***1,300***	9,700	35,000	***8,400***	-	-	-	-	-	-	***89***	***11***
	04/25/05	***3,700***	***8,000***	***1,700***	***13,000***	26,400	***650***	-	-	-	-	-	-	-	-
	12/14/05	0.7	1.4	0.57	24	27	0.78	<25	<5.0	<5.0	<5.0	-	-	***0.841***	***3.76***
	03/07/06	130	266	57.6	230	684	***104***	-	-	-	-	-	-	-	-
	06/08/06	0.81	1.8	0.54	4.8	7.95	2.5	<25	<5.0	<5.0	<5.0	<25	<5.0	***0.25***	***0.657***
	09/12/06	4.60	<1.0	<1.0	<1.0	4.60	***246.0***	-	-	-	-	-	-	-	-
	12/05/06	***11.80***	4.9	3.9	8.3	28.9	***25.1***	32.2	<5.0	<5.0	<5.0	<25	<5.0	***0.24***	***0.526***
	03/07/07	0.82J	0.68J	0.20J	1.10	2.80	<1.0	-	-	-	-	-	-	-	-
	07/06/07	1.20	1.70	1.90	4.90	9.70	1.2	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	***1.54***
	09/13/07	<1.0	<1.0	<1.0	<1.0	<4.0	0.77J	-	-	-	-	-	-	-	-
	12/20/07	0.22	0.21	<1.0	<1.0	0.43	0.32	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.20	***1.83***
	03/17/08	0.44J	1.9	1.1	13.0	16.44	5.1	-	-	-	-	-	-	-	-
	06/10/08	***5.20***	2.00	0.89J	2	10.09	4.30	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.20	***0.83***
	09/25/08	***12.90***	5.70	1.6	8.6	28.80	14.80	-	-	-	-	-	-	-	-
MW-2	01/15/01	<2.0	<2.0	<2.0	<2.0	ND	13	-	-	-	-	-	-	<0.2	<0.6
	04/25/05	4.0	5.0	8.0	21	38	2.0	-	-	-	-	-	-	-	-
	12/14/05	2.2	5.0	6.5	11.4	25	3.4	<25	<5.0	<5.0	<5.0	-	-	<0.2	***8.4***
	06/08/06	0.9	2.7	3.2	3.9	11	0.76	<25	<5.0	<5.0	<5.0	27.3	<5.0	<0.2	***1.58***
	12/05/06	3.5	17.2	4.6	5.6	31	0.44	<25	<5.0	<5.0	<5.0	60.1	<5.0	<0.2	***0.62***
	07/06/07	<1.0	2.7	<1.0	<1.0	2.7	<1.0	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	***1.66***
	06/10/08	<1.0	1.1	<1.0	<1.0	1.1	<1.0	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	***2.08***
MW-3	01/15/01	<1.0	<1.0	<1.0	<1.0	ND	3.0	-	-	-	-	-	-	<0.1	<0.5
	04/25/05	<0.5	<0.7	<0.8	<0.8	ND	2.0	-	-	-	-	-	-	-	-
	12/14/05	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<25	<5.0	<5.0	<5.0	-	-	<0.2	<0.1
	06/08/06	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	<0.1
	12/05/06	<1.0	<1.0	<1.0	<1.0	ND	2.1	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	<0.1
	07/06/07	<1.0	<1.0	<1.0	<1.0	ND	0.35J	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	<0.1
	12/20/07	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	<0.1
	06/10/08	<1.0	<1.0	<1.0	<1.0	ND	0.36J	<25	<5.0	<5.0	<5.0	<25	<5.0	***0.210***	<0.2
MW-4	01/15/01	<1.0	<1.0	<1.0	<1.0	ND	<1.0	-	-	-	-	-	-	<0.1	<0.5
	04/25/05	5.0	<0.7	<0.8	1.0	6.0	***39***	-	-	-	-	-	-	-	-
		Destroyed													
MW-5	01/15/01	***150***	25	11	150	336	***1,500***	-	-	-	-	-	-	***5.4***	***2.7***
	05/04/05	***11***	<0.7	<0.8	<0.8	11	***300***	-	-	-	-	-	-	-	-
	12/14/05	***7.5***	0.39	0.92	1.6	10	***186***	<25	4.4	0.46	<5.0	-	-	***0.543***	***0.597***
	06/08/06	4.6	<1.0	0.32	0.96	5.88	***147***	9.9	3.5	0.49	<5.0	34.3	<5.0	<0.2	<0.14

Table 2

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air XtraMart
2476 Churchville Road
Bel Air, Maryland

Well ID	Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TBA (µg/l)	TAME (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAA (µg/l)	TAEE (µg/l)	TPH-GRO (mg/l)	TPH-DRO (mg/l)
MDE Cleanup Standard		5.0	1,000	700	10,000	-	20	-	-	-	-	-	-	0.047	0.047
MW-5 (cont.)	12/05/06	***18.2***	<2.5	3.90	5.10	27.20	***280***	26.1	7.2	<13	<13	150.0	<13	***0.478***	***0.194***
	07/06/07	***18.1***	<2.0	<2.0	1.3J	19.40	***729***	69.6	21.0	2.4J	<10	187.0	<10	***8.460***	***3.140***
	12/20/07	***8.7***	<1.0	<1.0	<1.0	8.70	***323***	16.3	5.3	0.74	<5.0	25.0	<5.0	***0.501***	***0.283***
	06/10/08	***6.6***	<1.0	<1.0	<1.0	6.60	***78.9***	72.4	2.3J	<5.0	<5.0	41.4	<5.0	***0.210***	***0.290***
MW-6	01/15/01	Not Sampled													
	05/04/05	<3.0	<4.0	<4.0	<5.0	ND	***6,400***	-	-	-	-	-	-	-	-
	06/08/06	<1.0	<1.0	<1.0	<1.0	ND	***167***	17	3.7	<5.0	<5.0	<25	<5.0	<0.2	<0.1
	09/12/06	<1.0	<1.0	<1.0	<1.0	ND	***380***	-	-	-	-	-	-	-	-
	12/05/06	<10	<10	<10	<10	ND	***1,130***	228	19.3	<50	<50	<250	<50	***1.02***	<0.1
	03/07/07	<1.0	<1.0	<1.0	<1.0	ND	<1.0	-	-	-	-	-	-	-	-
	07/06/07	***10.7***	<1.0	<1.0	<1.0	10.7	***3,050***	1,080	76.3	6.7J	<50	237J	<50	***2.53***	<0.1
	09/13/07	<1.0	<1.0	<1.0	<1.0	ND	***30.0***	-	-	-	-	-	-	-	-
	12/20/07	<1.0	<1.0	<1.0	<1.0	ND	***129.0***	7.8	1.7	0.47	<5.0	<25	<5.0	***0.203***	<0.13
	03/17/08	<1.0	<1.0	<1.0	<1.0	ND	***26.3***	-	-	-	-	-	-	-	-
	06/10/08	<1.0	<1.0	<1.0	<1.0	ND	***151.0***	91.10	3.3J	0.63J	<5.0	<25	<5.0	***0.27***	<0.1
	09/25/08	<1.0	<1.0	<1.0	<1.0	ND	7.8	-	-	-	-	-	-	-	-
MW-7	01/15/01	***1,600***	***4,600***	450	9,700	16,350	***220,000***	-	-	-	-	-	-	***190***	***30***
	04/25/05	***2,000***	***9,600***	***2,000***	***18,000***	31,600	***84,000***	-	-	-	-	-	-	-	-
	03/07/06	***2,600***	***12,800***	***2,690***	***23,300***	41,390	***31,400***	-	-	-	-	-	-	-	-
	09/12/06	***1,180***	***7,530***	***1,820***	***17,500***	28,030	***40,200***	-	-	-	-	-	-	-	-
	12/05/06	***1,640***	***7,150***	***1,820***	***15,400***	26,010	***26,100***	8,420	845	242	<1000	6,900	<1000	***100***	***13.2***
	03/07/07	***654***	***4,700***	***1,060***	9,910	16,324	***21,400***	-	-	-	-	-	-	-	-
	07/06/07	***874***	***3,900***	***1,250***	***10,100***	16,124	***24,400***	9,790	582	214J	<500	3,060	<1000	***65.6***	***13.7***
	09/13/07	***1,170***	***9,360***	***1,480***	***12,200***	24,210	***26,100***	-	-	-	-	-	-	-	-
	12/20/07	***1,680***	***6,100***	***1,340***	***13,000***	22,120	***29,100***	13,200	600	296	<250	2,350	<250	***108***	***31.7***
	03/17/08	***637***	***2,420***	***933***	***11,400***	15,390	***16,600***	-	-	-	-	-	-	-	-
	06/10/08	***1,500***	***6,400***	***843***	***12,200***	20,943	***31,000***	8,770	545	135	<50	2,390	545	***77.80***	***23.30***
	09/25/08	***1,120***	***4,630***	***1,040***	9,700	16,490	***22,400***	-	-	-	-	-	-	-	-
	12/28/09	***398***	***1,970***	***995***	5,600	8,963	***4,950J***	7,270	104	31.2	<4.1	-	-	***36.2***	-
	02/15/10	***1,000***	***3,410***	***1,550***	9,340	15,300	***5,000***	7,220	188	58.2	4.4J	696	ND<3.4	***48.700***	8.350
MW-8	01/15/01	***41***	3.0	<2.0	2.0	46	***380***	-	-	-	-	-	-	***0.85***	<0.5
		Destroyed													
MW-9	01/15/01	3.0	<1.0	<1.0	<1.0	3.0	***2,300***	-	-	-	-	-	-	***1.4***	<0.5
	05/04/05	***180***	120	120	280	700	***56,000***	-	-	-	-	-	-	-	-
	06/08/06	***6.2***	2.9	7.0	13.9	30	***1,010***	991	23	4.1	<5.0	71.5	<5.0	***1.45***	<0.11
	09/12/06	0.25J	<1.0	<1.0	<1.0	0.25J	***205***	-	-	-	-	-	-	-	-
	12/05/06	***67.3***	16.1	80.0	115.0	278.4	***50,900***	28,500	1,020	74.1	<250	2,990	<250	***52.9***	***1.51***
	03/07/07	***5.9***	0.80J	0.92J	5.0	12.6	***3,210***	-	-	-	-	-	-	-	-

Table 2

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air XtraMart
2476 Churchville Road
Bel Air, Maryland

Well ID	Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TBA (µg/l)	TAME (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAA (µg/l)	TAEE (µg/l)	TPH-GRO (mg/l)	TPH-DRO (mg/l)
MDE Cleanup Standard		5.0	1,000	700	10,000	-	20	-	-	-	-	-	-	0.047	0.047
MW-9	07/06/07	***118.0***	20.3J	222	631	991.3	***7,150***	20,900	177	69.0J	<130	1,350	<250	***10.6***	***1.59***
(cont.)	09/13/07	***9.4***	0.76J	0.0	27.9	50.86	***473***	-	-	-	-	-	-	-	-
	12/20/07	<1.0	<1.0	0.75	0.63	1.38	***31.2***	693	<5.0	2.1	<5.0	26.7	<1.0	<0.20	<0.11
	03/17/08	0.36J	<1.0	<1.0	<1.0	0.36	***243***	-	-	-	-	-	-	-	-
	06/10/08	0.48J	<1.0	<1.0	<1.0	0.48	***175***	8,630	3.5J	17	0.65J	560	<5.0	***1.13***	***0.18***
	09/25/08	<1.0	<1.0	0.94J	<1.0	0.94J	***200***	-	-	-	-	-	-	-	-
	12/28/09	<0.23	<0.30	<0.27	0.34	0.34	0.68	25.3	<0.55	<0.35	<0.21	-	-	<0.032	-
	02/15/10	22.9	4.2	80.30	19.50	126.90	79.80	13,900	1.4J	26.7	1.3J	1,070.0	ND<0.34	1.380	0.858
MW-9A	05/04/05	5.0	12	<8.0	<8.0	17	***16,000***	-	-	-	-	-	-	-	-
	12/05/06	<1.0	<1.0	<1.0	<1.0	ND	***602***	129	10.7	0.73	<5.0	31.2	<5.0	***0.917***	***0.307***
	07/06/07	<100	<100	<100	<100	<400	***24,100***	10,700	575.0	46.7J	<500	2,050J	<5.0	***19.8***	***1.93***
	06/10/08	<1.0	<1.0	<1.0	<1.0	ND	***0.83J***	<25	<5.0	<5.0	<5.0	<25	<5.0	***<0.2***	***<0.1***
MW-10	12/28/09	***1,200.0***	***13,800.0***	***2,590.0***	***17,000.0***	34,590	***163,000***	316,000	5,910.0	890.00	<41	-	-	***245.0***	-
	02/15/10	***2,310.0***	***11,800.0***	***2,650.0***	***15,500.0***	32,260	***139,000***	173,000	6,720.0	690J	ND<100	9,560J	ND<170	***246.0***	***12.80***
MW-11	12/28/09	***513.0***	317.0	278.0	726.0	1,834	***1,590J***	2,220J	110.0	18.10	2.3	-	-	***9.4***	-
	02/15/10	***1,010.0***	1,550.0	759.0	2,510.0	5,829	***2,690***	2,110	120.0	19.6J	ND<2.1	5,440	ND<3.4	***24.3***	***4.430***
FRW-1	01/15/01	***770***	***2,100***	***1,900***	***12,000***	16,770	***750***	-	-	-	-	-	-	***53***	***43***
	04/25/05	***50***	7.0	47	57	161	***110***	-	-	-	-	-	-	-	-
	12/14/05	***153***	18.6	299	246	717	***188***	161	<13	<13	<13	-	-	***6.23***	***4.75***
	06/08/06	<1.0	0.49	<1.0	<1.0	0.49	<1.0	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	***0.821***
	12/05/06	***63.7***	12.6	105	62.6	243.90	***125***	115	6.3	<5.0	<5.0	759	<5.0	***2.45***	***1.57***
	07/06/07	***25.1***	4.0	111	116.0	256.10	18.3	25.5	<5.0	<5.0	<5.0	99.2	<5.0	***16.5***	***60.8***
	12/20/07	***39.5***	6.0	64.0	38.9	148.4	***80.8***	70.1	4.3	<5.0	<5.0	391.0	<5.0	***2.28***	***3.79***
	06/10/08	***57.5***	3.3	183.0	79.8	323.6	***72.9***	86.9	5.0	<5.0	<5.0	503.0	21.9J	***4.04***	***4.55***
FRW-2	01/15/01	<2.0	<2.0	<2.0	<2.0	ND	***120***	-	-	-	-	-	-	***0.6***	***0.6***
	04/25/05	1.0	<0.7	1.0	1.0	3.0	14	-	-	-	-	-	-	-	-
	12/14/05	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<25	<5.0	<5.0	<5.0	-	-	<0.2	***0.439***
	06/08/06	***40.8***	3.6	78	42.9	165.3	***52***	44.2	2.9	<5.0	<5.0	387	<5.0	***1.36***	***1.58***
	12/05/06	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	<0.1
	07/06/07	<1.0	0.24J	<1.0	<1.0	0.24	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<0.2	***4.77***
	12/20/07	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	<0.11
	06/10/08	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	***0.19***
RW-3	01/15/01	***700***	190	<2.0	780	1,670	***5,700***	-	-	-	-	-	-	***11***	***5.5***
	04/25/05	***52***	59	120	800	1,031	***490***	-	-	-	-	-	-	-	-
	12/14/05	***160***	57.7	46.1	389	653	***134***	<25	13.9	<5.0	<5.0	-	-	***3.63***	***1.77***
	03/07/06	***55***	21.9	55.3	255	387	***419***	-	-	-	-	-	-	-	-

Table 2

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air XtraMart
2476 Churchville Road
Bel Air, Maryland

Well ID	Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TBA (µg/l)	TAME (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAA (µg/l)	TAEE (µg/l)	TPH-GRO (mg/l)	TPH-DRO (mg/l)
MDE Cleanup Standard		5.0	1,000	700	10,000	-	20	-	-	-	-	-	-	0.047	0.047
RW-3	06/08/06	***217***	90.6	123	471	901.6	***272***	98.8	22.1	0.91	<5.0	863	<5.0	***5.1***	4.04
(cont.)	09/12/06	***11***	7.4	28	145	190.6	***54***	-	-	-	-	-	-	-	-
	12/05/06	***48.1***	49.4	62.6	188.0	348.1	***271***	70.4	18.8	0.64	<5.0	697.0	<5.0	***2.71***	***0.9***
	03/07/07	0.50J	0.29J	1.40	5.90	8.09	6.60	-	-	-	-	-	-	-	-
	07/06/07	***477***	150	258	715	1,600	***299***	96.0J	30.3	<25	<25	693	<5.0	***6.19***	***1.99***
	09/13/07	***236***	35.2	68.5	196	535.7	***172***	-	-	-	-	-	-	-	-
	12/20/07	***164***	37.7	87.4	276	565.1	***43.2***	29.0	6.3	<5.0	<5.0	188.0	<5.0	***3.34***	***4.43***
	03/17/08	***70***	24.7	121.0	358	573.8	***75.5***	-	-	-	-	-	-	-	-
	06/10/08	***64***	14.3	59.7	202	339.6	***243.0***	70.5	20.1	0.99J	<5.0	557.0	<5.0	***5.16***	***3.69***
	09/25/08	***1470***	189.0	658.0	1950	4,267	***508.0***	-	-	-	-	-	-	-	-
Potable	05/04/05	<0.5	<0.7	<0.8	<0.8	ND	<0.5	-	-	-	-	-	-	-	-
Well-A	12/14/05	<0.5	<0.5	<0.5	<0.5	ND	0.19	-	-	-	-	-	-	-	-
	03/07/06	<0.5	<0.5	<0.5	<0.5	ND	<0.5	-	-	-	-	-	-	-	-
	06/08/06	<1.0	<1.0	<1.0	<1.0	ND	<1.0	<25	<5.0	<5.0	<5.0	<25	<5.0	<0.2	<0.11
	10/23/06	<0.5	<0.50	<0.50	<0.50	ND	<0.5	-	-	-	-	-	-	-	-
	12/05/06	<0.50	<0.50	<0.50	<0.50	ND	<0.50	-	-	-	-	-	-	-	-
	03/08/07	<0.50	<0.50	<0.50	<0.50	ND	<0.50	-	-	-	-	-	-	-	-
	07/06/07	<0.50	<0.50	<0.50	<0.50	ND	<0.50	-	-	-	-	-	-	-	-
	09/13/07	<0.50	<0.50	<0.50	<0.50	ND	<0.50	-	-	-	-	-	-	-	-
	12/20/07	<0.50	<0.50	<0.50	<0.50	ND	<0.50	-	-	-	-	-	-	-	-
	03/17/08	<0.50	<0.50	<0.50	<0.50	ND	<0.50	-	-	-	-	-	-	-	-
	06/10/08	<0.50	<0.50	<0.50	<0.50	ND	<0.50	-	-	-	-	-	-	-	-
	09/25/08	<0.50	<0.50	<0.50	<0.50	ND	<0.50	-	-	-	-	-	-	-	-
TF-1	02/15/10	0.23J	4.30	1.80	87.70	94.03	0.83J	ND<2.0	ND<0.55	ND<0.35	ND<0.21	ND<6.2	ND<0.34	1.140	4.750
TF-2	02/15/10	ND<0.23	0.55J	0.96J	5.30	6.81	7.70	ND<2.0	ND<0.55	ND<0.35	ND<0.21	ND<6.2	ND<0.34	ND<0.032	2.160

Notes:

All samples were placed on ice in a cooler and transported under a Chain of Custody to Accutest Laboratories of Dayton, NJ. All samples were analyzed within the applicable holding time with a dilution of 10% Hydrochloric Acid (HCL) as a preservative. All samples were sampled using a disposable bailer & were purged 3 volumes, prior to sampling.

ND = Not detected above laboratory reporting limits
µg/l = micrograms per liter
mg/l = milligrams per liter
MTBE = Methyl-tertiary Butyl-ether
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
TAME = tert-amyl methyl-ether
<= Non-Detect, the reporting limit is given

TBA = tert-butyl alcohol
DIPE = di-isopropyl ether or isopropyl ether
ETBE = tert-butyl ethyl-ether
TAA = tert-amyl alcohol
TAEE = tert-amyl ethyl ether
Total BTEX = Sum of Benzene, Toluene, Ethylbenzene and Total Xylenes
Bolded values indicate concentrations above MDE standards.

MW = Mointoring Well
RW = Recovery Well
FRW = Former Recovery Well
PW = Potable Well
J = Indicates an estimated value
- = Not analyzed

Table 3

SOIL ANALYTICAL DATA SUMMARY

Bel Air XtraMart #7805
2476 Churchville Road
Bel Air, Maryland

Well ID	Date	Depth fbg	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TBA (µg/l)	TAME (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAA (µg/l)	TAEE (µg/l)	TPH-GRO (mg/l)	TPH-DRO (mg/l)
MDE Cleanup Standard			5.0	1,000	700	10,000	-	20	-	-	-	-	-	-	0.047	0.047
MW-10	11/19/09	18-20	***44.9***	612	109	726	1,492	***54,400***	100,000	1,580	217	<55	-	-	***50.9***	<3.8
MW-11	12/14/09	23 - 25	<0.46	<0.39	<0.50	0.70	0.70	***52.8***	-	-	-	-	-	-	<1.5	<3.7

Notes:

All samples were placed on ice in a cooler and transported under a Chain of Custody to Accutest Laboratories of Dayton, NJ. All samples were analyzed within the applicable holding time. All samples were sampled using a inidividual glass sampling jars.

µg/l = micrograms per liter
mg/l = milligrams per liter
MTBE = Methyl-tertiary Butyl-ether
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
TAME = tert-amyl methyl-ether
TBA = tert-butyl alcohol

DIPE = di-isopropyl ether or isopropyl ether
ETBE = tert-butyl ethyl-ether
TAA = tert-amyl alcohol
TAEE = tert-amyl ethyl ether
Total BTEX = Sum of Benzene, Toluene, Ethylbenzene and Total Xylenes
Bolded values indicate concentrations above MDE standards.
< = Non-Detect, the reporting limit is given

MW = Mointoring Well
- = Not analyzed

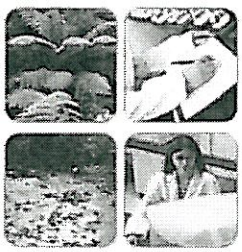
APPENDIX A

Laboratory Report and Chain-of-Custody Documentation

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

03/02/10



Technical Report for

Drake Petroleum Company, Inc.

GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD

04-01539

Accutest Job Number: JA39944

Sampling Date: 02/15/10

Report to:

Groundwater & Environmental Services
2142 Priest Bridge Court Suite #1
Crofton, MD 21114
ATaylorsoncollins@gesonline.com; gbaker@gesonline.com

ATTN: Gina Baker

Total number of pages in report: 41

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Test results relate only to samples analyzed.

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Sample Summary

Drake Petroleum Company, Inc.

Job No: JA39944

GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD
Project No: 04-01539

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JA39944-1	02/15/10	13:30 JWP	02/16/10	AQ	Ground Water	MW-7
JA39944-2	02/15/10	14:05 JWP	02/16/10	AQ	Field Blank Water	FIELD BLANK
JA39944-3	02/15/10	12:00 JWP	02/16/10	AQ	Ground Water	MW-9
JA39944-4	02/15/10	12:30 JWP	02/16/10	AQ	Ground Water	MW-10
JA39944-5	02/15/10	13:00 JWP	02/16/10	AQ	Ground Water	MW-11
JA39944-6	02/15/10	13:40 JWP	02/16/10	AQ	Ground Water	TF-1
JA39944-7	02/15/10	14:00 JWP	02/16/10	AQ	Ground Water	TF-2

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JA39944-1	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C67434.D	10	02/19/10	TLR	n/a	n/a	V2C3057
Run #2	1A86206.D	50	02/18/10	TGE	n/a	n/a	V1A3678

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	100	29	ug/l	
75-85-4	Tert Amyl Alcohol	696	250	62	ug/l	
919-94-8	tert-amyl ethyl ether	ND	50	3.4	ug/l	
71-43-2	Benzene	1000	10	2.3	ug/l	
108-86-1	Bromobenzene	ND	50	2.4	ug/l	
74-97-5	Bromochloromethane	ND	50	3.3	ug/l	
75-27-4	Bromodichloromethane	ND	10	2.2	ug/l	
75-25-2	Bromoform	ND	40	2.3	ug/l	
74-83-9	Bromomethane	ND	20	3.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	16	ug/l	
104-51-8	n-Butylbenzene	26.8	50	4.7	ug/l	J
135-98-8	sec-Butylbenzene	10.6	50	2.2	ug/l	J
98-06-6	tert-Butylbenzene	ND	50	2.1	ug/l	
56-23-5	Carbon tetrachloride	ND	10	2.6	ug/l	
108-90-7	Chlorobenzene	ND	10	3.9	ug/l	
75-00-3	Chloroethane	ND	10	3.7	ug/l	
67-66-3	Chloroform	ND	10	2.3	ug/l	
74-87-3	Chloromethane	ND	10	2.9	ug/l	
95-49-8	o-Chlorotoluene	ND	50	3.1	ug/l	
106-43-4	p-Chlorotoluene	ND	50	2.6	ug/l	
108-20-3	Di-Isopropyl ether	58.2	50	3.5	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	11	ug/l	
124-48-1	Dibromochloromethane	ND	10	2.2	ug/l	
106-93-4	1,2-Dibromoethane	ND	20	3.9	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	10	2.6	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	10	2.5	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	2.8	ug/l	
75-71-8	Dichlorodifluoromethane	ND	50	9.2	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	2.9	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	3.3	ug/l	
75-35-4	1,1-Dichloroethene	ND	10	4.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	10	2.2	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JA39944-1	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	10	2.5	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	2.7	ug/l	
142-28-9	1,3-Dichloropropane	ND	50	2.5	ug/l	
594-20-7	2,2-Dichloropropane	ND	50	6.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	50	2.4	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	2.5	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	2.1	ug/l	
100-41-4	Ethylbenzene	1550	10	2.7	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	6.7	ug/l	
98-82-8	Isopropylbenzene	63.4	20	5.7	ug/l	
99-87-6	p-Isopropyltoluene	15.6	50	6.9	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	5000 [a]	50	12	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	50	8.6	ug/l	
74-95-3	Methylene bromide	ND	50	2.4	ug/l	
75-09-2	Methylene chloride	ND	20	3.0	ug/l	
91-20-3	Naphthalene	591	50	9.7	ug/l	
103-65-1	n-Propylbenzene	120	50	2.4	ug/l	
100-42-5	Styrene	ND	50	5.8	ug/l	
75-65-0	Tert Butyl Alcohol	7220	250	20	ug/l	
994-05-8	tert-Amyl Methyl Ether	188	50	5.5	ug/l	
637-92-3	tert-Butyl Ethyl Ether	4.4	50	2.1	ug/l	J
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	2.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	2.4	ug/l	
127-18-4	Tetrachloroethene	ND	10	2.7	ug/l	
108-88-3	Toluene	3410 [a]	50	15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	50	4.7	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	50	5.6	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	2.6	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	2.3	ug/l	
79-01-6	Trichloroethene	ND	10	2.4	ug/l	
75-69-4	Trichlorofluoromethane	ND	50	5.4	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	50	4.9	ug/l	
95-63-6	1,2,4-Trimethylbenzene	2450 [a]	250	14	ug/l	
108-67-8	1,3,5-Trimethylbenzene	871	50	3.0	ug/l	
75-01-4	Vinyl chloride	ND	10	4.4	ug/l	
	m,p-Xylene	7070 [a]	50	13	ug/l	
95-47-6	o-Xylene	2270 [a]	50	13	ug/l	
1330-20-7	Xylene (total)	9340 [a]	50	13	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JA39944-1	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	92%	76-120%
17060-07-0	1,2-Dichloroethane-D4	108%	92%	64-135%
2037-26-5	Toluene-D8	100%	99%	76-117%
460-00-4	4-Bromofluorobenzene	93%	90%	72-122%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkane	4.97	100	ug/l	J
	alkane	5.33	190	ug/l	J
	cycloalkane/alkene	5.48	130	ug/l	J
	alkane	6.47	250	ug/l	J
	cycloalkane/alkene	7.25	160	ug/l	J
	cycloalkane/alkene	7.58	270	ug/l	J
	cycloalkane/alkene	10.36	190	ug/l	J
110-82-7	Cyclohexane	11.24	130	ug/l	JN
	ketones	14.16	200	ug/l	J
	C3 alkyl benzene	16.23	620	ug/l	J
	C3 alkyl benzene	16.53	250	ug/l	J
	C4 alkyl benzene	17.28	130	ug/l	J
	C4 alkyl benzene	17.68	120	ug/l	J
	C4 alkyl benzene	18.14	150	ug/l	J
	1H-indene-dihydro-methyl	18.66	140	ug/l	J
	Total TIC, Volatile		3030	ug/l	J

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JA39944-1	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8015B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV79380.D	10	02/18/10	CY	n/a	n/a	GUV3148
Run #2 [a]	UV79358.D	1	02/18/10	CY	n/a	n/a	GUV3147

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	48.7	2.0	0.32	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	90%	102%	68-114%

(a) Sample re-analyzed for further dilution. Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JA39944-1	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846-8015 SW846 3510C	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y20557.D	1	02/19/10	DNM	02/18/10	OP42304	G3Y623
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	8.35	0.10	0.039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	75%		34-139%
16416-32-3	Tetracosane-d50	63%		34-141%
438-22-2	5a-Androstane	58%		26-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	JA39944-2	Date Sampled:	02/15/10
Matrix:	AQ - Field Blank Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A86217.D	1	02/18/10	TGE	n/a	n/a	V1A3678
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.24	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.47	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.21	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.31	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.26	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.35	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	JA39944-2	Date Sampled:	02/15/10
Matrix:	AQ - Field Blank Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.25	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.60	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.24	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.67	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.69	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.24	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	0.97	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.24	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.21	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.49	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.28	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	ND	1.0	0.25	ug/l	
95-47-6	o-Xylene	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		76-120%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK		
Lab Sample ID:	JA39944-2	Date Sampled:	02/15/10
Matrix:	AQ - Field Blank Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		64-135%
2037-26-5	Toluene-D8	94%		76-117%
460-00-4	4-Bromofluorobenzene	88%		72-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-9		
Lab Sample ID:	JA39944-3	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A86218.D	1	02/18/10	TGE	n/a	n/a	V1A3678
Run #2	1A86632.D	2.5	03/01/10	TGE	n/a	n/a	V1A3696
Run #3	2C67431.D	50	02/19/10	TLR	n/a	n/a	V2C3057

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml
Run #3	5.0 ml

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	6.9	10	2.9	ug/l	J
75-85-4	Tert Amyl Alcohol	1070 [a]	63	16	ug/l	
919-94-8	tert-amyl ethyl ether	ND	5.0	0.34	ug/l	
71-43-2	Benzene	22.9	1.0	0.23	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.24	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.47	ug/l	
135-98-8	sec-Butylbenzene	1.9	5.0	0.22	ug/l	J
98-06-6	tert-Butylbenzene	ND	5.0	0.21	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.31	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.26	ug/l	
108-20-3	Di-Isopropyl ether	26.7	5.0	0.35	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	

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Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-9		
Lab Sample ID:	JA39944-3	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.25	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.60	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.24	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	80.3	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.67	ug/l	
98-82-8	Isopropylbenzene	9.9	2.0	0.57	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.69	ug/l	
1634-04-4	Methyl Tert Butyl Ether	79.8	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.24	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
91-20-3	Naphthalene	37.0	5.0	0.97	ug/l	
103-65-1	n-Propylbenzene	15.8	5.0	0.24	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
75-65-0	Tert Butyl Alcohol	13900 [b]	1300	98	ug/l	
994-05-8	tert-Amyl Methyl Ether	1.4	5.0	0.55	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	1.3	5.0	0.21	ug/l	J
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	4.2	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.49	ug/l	
95-63-6	1,2,4-Trimethylbenzene	28.8	5.0	0.28	ug/l	
108-67-8	1,3,5-Trimethylbenzene	1.1	5.0	0.30	ug/l	J
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	9.6	1.0	0.25	ug/l	
95-47-6	o-Xylene	9.9	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	19.5	1.0	0.25	ug/l	

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-9		
Lab Sample ID:	JA39944-3	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	97%	94%	100%	76-120%
17060-07-0	1,2-Dichloroethane-D4	96%	93%	108%	64-135%
2037-26-5	Toluene-D8	98%	96%	101%	76-117%
460-00-4	4-Bromofluorobenzene	88%	90%	95%	72-122%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkane	4.93	10	ug/l	J
	alkane	6.00	12	ug/l	J
	alkane	7.34	7.7	ug/l	J
	alkane	12.52	14	ug/l	J
	alkane	12.68	21	ug/l	J
	alcohols	12.89	13	ug/l	J
	ketones	14.01	18	ug/l	J
	C3 alkyl benzene	16.74	30	ug/l	J
	C4 alkyl benzene	17.53	12	ug/l	J
496-11-7	Indane	17.66	52	ug/l	JN
	C4 alkyl benzene	18.06	26	ug/l	J
	1H-indene-dihydro-methyl	18.28	22	ug/l	J
	C4 alkyl benzene	18.54	9.3	ug/l	J
	C4 alkyl benzene	18.61	7.2	ug/l	J
	1H-indene-dihydro-methyl	19.24	21	ug/l	J
	Total TIC, Volatile		275.2	ug/l	J

(a) Result is from Run# 2
(b) Result is from Run# 3

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-9		
Lab Sample ID:	JA39944-3	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8015B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV79370.D	1	02/18/10	CY	n/a	n/a	GUV3148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.38	0.20	0.032	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	90%		68-114%

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Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-9		
Lab Sample ID:	JA39944-3	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846-8015 SW846 3510C	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y20558.D	1	02/19/10	DNM	02/18/10	OP42304	G3Y623
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.858	0.10	0.039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		34-139%
16416-32-3	Tetracosane-d50	91%		34-141%
438-22-2	5a-Androstane	84%		26-140%

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Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-10		
Lab Sample ID:	JA39944-4	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A86222.D	500	02/18/10	TGE	n/a	n/a	V1A3678
Run #2	2C67430.D	5000	02/19/10	TLR	n/a	n/a	V2C3057

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5000	1400	ug/l	
75-85-4	Tert Amyl Alcohol	9560	13000	3100	ug/l	J
919-94-8	tert-amyl ethyl ether	ND	2500	170	ug/l	
71-43-2	Benzene	2310	500	120	ug/l	
108-86-1	Bromobenzene	ND	2500	120	ug/l	
74-97-5	Bromochloromethane	ND	2500	170	ug/l	
75-27-4	Bromodichloromethane	ND	500	110	ug/l	
75-25-2	Bromoform	ND	2000	120	ug/l	
74-83-9	Bromomethane	ND	1000	150	ug/l	
78-93-3	2-Butanone (MEK)	ND	5000	810	ug/l	
104-51-8	n-Butylbenzene	ND	2500	230	ug/l	
135-98-8	sec-Butylbenzene	ND	2500	110	ug/l	
98-06-6	tert-Butylbenzene	ND	2500	100	ug/l	
56-23-5	Carbon tetrachloride	ND	500	130	ug/l	
108-90-7	Chlorobenzene	ND	500	190	ug/l	
75-00-3	Chloroethane	ND	500	190	ug/l	
67-66-3	Chloroform	ND	500	120	ug/l	
74-87-3	Chloromethane	ND	500	140	ug/l	
95-49-8	o-Chlorotoluene	ND	2500	150	ug/l	
106-43-4	p-Chlorotoluene	ND	2500	130	ug/l	
108-20-3	Di-Isopropyl ether	690	2500	180	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	5000	550	ug/l	
124-48-1	Dibromochloromethane	ND	500	110	ug/l	
106-93-4	1,2-Dibromoethane	ND	1000	190	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	500	130	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	500	130	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	500	140	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2500	460	ug/l	
75-34-3	1,1-Dichloroethane	ND	500	140	ug/l	
107-06-2	1,2-Dichloroethane	ND	500	170	ug/l	
75-35-4	1,1-Dichloroethene	ND	500	200	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	500	110	ug/l	

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Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-10		
Lab Sample ID:	JA39944-4	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	500	120	ug/l	
78-87-5	1,2-Dichloropropane	ND	500	140	ug/l	
142-28-9	1,3-Dichloropropane	ND	2500	120	ug/l	
594-20-7	2,2-Dichloropropane	ND	2500	300	ug/l	
563-58-6	1,1-Dichloropropene	ND	2500	120	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	500	120	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	500	110	ug/l	
100-41-4	Ethylbenzene	2650	500	130	ug/l	
87-68-3	Hexachlorobutadiene	ND	2500	330	ug/l	
98-82-8	Isopropylbenzene	ND	1000	290	ug/l	
99-87-6	p-Isopropyltoluene	ND	2500	350	ug/l	
1634-04-4	Methyl Tert Butyl Ether	139000 [a]	5000	1200	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	2500	430	ug/l	
74-95-3	Methylene bromide	ND	2500	120	ug/l	
75-09-2	Methylene chloride	ND	1000	150	ug/l	
91-20-3	Naphthalene	576	2500	490	ug/l	J
103-65-1	n-Propylbenzene	224	2500	120	ug/l	J
100-42-5	Styrene	ND	2500	290	ug/l	
75-65-0	Tert Butyl Alcohol	173000	13000	980	ug/l	
994-05-8	tert-Amyl Methyl Ether	6720	2500	280	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2500	100	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2500	110	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	500	120	ug/l	
127-18-4	Tetrachloroethene	ND	500	130	ug/l	
108-88-3	Toluene	11800	500	150	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2500	230	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2500	280	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	500	130	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	500	120	ug/l	
79-01-6	Trichloroethene	ND	500	120	ug/l	
75-69-4	Trichlorofluoromethane	ND	2500	270	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2500	240	ug/l	
95-63-6	1,2,4-Trimethylbenzene	2310	2500	140	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	596	2500	150	ug/l	J
75-01-4	Vinyl chloride	ND	500	220	ug/l	
	m,p-Xylene	10900	500	130	ug/l	
95-47-6	o-Xylene	4670	500	130	ug/l	
1330-20-7	Xylene (total)	15500	500	130	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-10		
Lab Sample ID:	JA39944-4	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%	100%	76-120%
17060-07-0	1,2-Dichloroethane-D4	88%	108%	64-135%
2037-26-5	Toluene-D8	97%	100%	76-117%
460-00-4	4-Bromofluorobenzene	91%	96%	72-122%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkane	4.92	3500	ug/l	J
	Total TIC, Volatile		3500	ug/l	J

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-10		
Lab Sample ID:	JA39944-4	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8015B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV79381.D	50	02/18/10	CY	n/a	n/a	GUV3148
Run #2 [a]	UV79360.D	1	02/18/10	CY	n/a	n/a	GUV3147
Run #3 [b]	UV79439.D	25	02/22/10	CY	n/a	n/a	GUV3150

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml
Run #3	5.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	246	10	1.6	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
98-08-8	aaa-Trifluorotoluene	88%	104%	86%	68-114%

(a) Sample re-analyzed for further dilution.
(b) Confirmation run.

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-10		
Lab Sample ID:	JA39944-4	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846-8015 SW846 3510C	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y20559.D	1	02/19/10	DNM	02/18/10	OP42304	G3Y623
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	12.8	0.10	0.039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		34-139%
16416-32-3	Tetracosane-d50	92%		34-141%
438-22-2	5a-Androstane	90%		26-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	JA39944-5	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A86221.D	10	02/18/10	TGE	n/a	n/a	V1A3678
Run #2	2C67432.D	100	02/19/10	TLR	n/a	n/a	V2C3057

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	137	100	29	ug/l	
75-85-4	Tert Amyl Alcohol	5440	250	62	ug/l	
919-94-8	tert-amyl ethyl ether	ND	50	3.4	ug/l	
71-43-2	Benzene	1010	10	2.3	ug/l	
108-86-1	Bromobenzene	ND	50	2.4	ug/l	
74-97-5	Bromochloromethane	ND	50	3.3	ug/l	
75-27-4	Bromodichloromethane	ND	10	2.2	ug/l	
75-25-2	Bromoform	ND	40	2.3	ug/l	
74-83-9	Bromomethane	ND	20	3.0	ug/l	
78-93-3	2-Butanone (MEK)	136	100	16	ug/l	
104-51-8	n-Butylbenzene	ND	50	4.7	ug/l	
135-98-8	sec-Butylbenzene	4.0	50	2.2	ug/l	J
98-06-6	tert-Butylbenzene	ND	50	2.1	ug/l	
56-23-5	Carbon tetrachloride	ND	10	2.6	ug/l	
108-90-7	Chlorobenzene	ND	10	3.9	ug/l	
75-00-3	Chloroethane	6.4	10	3.7	ug/l	J
67-66-3	Chloroform	ND	10	2.3	ug/l	
74-87-3	Chloromethane	ND	10	2.9	ug/l	
95-49-8	o-Chlorotoluene	ND	50	3.1	ug/l	
106-43-4	p-Chlorotoluene	ND	50	2.6	ug/l	
108-20-3	Di-Isopropyl ether	19.6	50	3.5	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	11	ug/l	
124-48-1	Dibromochloromethane	ND	10	2.2	ug/l	
106-93-4	1,2-Dibromoethane	ND	20	3.9	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	10	2.6	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	10	2.5	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	2.8	ug/l	
75-71-8	Dichlorodifluoromethane	ND	50	9.2	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	2.9	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	3.3	ug/l	
75-35-4	1,1-Dichloroethene	ND	10	4.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	10	2.2	ug/l	

ND = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	JA39944-5	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	10	2.5	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	2.7	ug/l	
142-28-9	1,3-Dichloropropane	ND	50	2.5	ug/l	
594-20-7	2,2-Dichloropropane	ND	50	6.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	50	2.4	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	2.5	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	2.1	ug/l	
100-41-4	Ethylbenzene	759	10	2.7	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	6.7	ug/l	
98-82-8	Isopropylbenzene	45.4	20	5.7	ug/l	
99-87-6	p-Isopropyltoluene	ND	50	6.9	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2690 [a]	100	23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	50	8.6	ug/l	
74-95-3	Methylene bromide	ND	50	2.4	ug/l	
75-09-2	Methylene chloride	ND	20	3.0	ug/l	
91-20-3	Naphthalene	286	50	9.7	ug/l	
103-65-1	n-Propylbenzene	83.1	50	2.4	ug/l	
100-42-5	Styrene	ND	50	5.8	ug/l	
75-65-0	Tert Butyl Alcohol	2110	250	20	ug/l	
994-05-8	tert-Amyl Methyl Ether	120	50	5.5	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	50	2.1	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	2.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	2.4	ug/l	
127-18-4	Tetrachloroethene	ND	10	2.7	ug/l	
108-88-3	Toluene	1550	10	3.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	50	4.7	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	50	5.6	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	2.6	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	2.3	ug/l	
79-01-6	Trichloroethene	ND	10	2.4	ug/l	
75-69-4	Trichlorofluoromethane	ND	50	5.4	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	50	4.9	ug/l	
95-63-6	1,2,4-Trimethylbenzene	565	50	2.8	ug/l	
108-67-8	1,3,5-Trimethylbenzene	155	50	3.0	ug/l	
75-01-4	Vinyl chloride	ND	10	4.4	ug/l	
	m,p-Xylene	1750	10	2.5	ug/l	
95-47-6	o-Xylene	761	10	2.5	ug/l	
1330-20-7	Xylene (total)	2510	10	2.5	ug/l	

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Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	JA39944-5	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%	101%	76-120%
17060-07-0	1,2-Dichloroethane-D4	86%	108%	64-135%
2037-26-5	Toluene-D8	99%	100%	76-117%
460-00-4	4-Bromofluorobenzene	93%	94%	72-122%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkane	4.56	70	ug/l	J
	alkane	4.92	140	ug/l	J
	alkane	6.01	410	ug/l	J
	alkane	6.47	68	ug/l	J
	cycloalkane/alkene	9.85	150	ug/l	J
	alcohols	12.89	140	ug/l	J
	ketones	14.01	100	ug/l	J
	alcohols	14.57	55	ug/l	J
	alcohols	14.75	65	ug/l	J
	C3 alkyl benzene	16.40	350	ug/l	J
	C3 alkyl benzene	16.74	150	ug/l	J
496-11-7	Indane	17.66	200	ug/l	JN
	C4 alkyl benzene	18.06	68	ug/l	J
	1H-indene-dihydro-methyl	18.28	68	ug/l	J
	1H-indene-dihydro-methyl	19.24	79	ug/l	J
	Total TIC, Volatile		2113	ug/l	J

(a) Result is from Run# 2

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	JA39944-5	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8015B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV79355.D	1	02/17/10	CY	n/a	n/a	GUV3147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	24.3	0.20	0.032	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	100%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	JA39944-5	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846-8015 SW846 3510C	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y20560.D	1	02/19/10	DNM	02/18/10	OP42304	G3Y623
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	4.43	0.10	0.039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	117%		34-139%
16416-32-3	Tetracosane-d50	111%		34-141%
438-22-2	5a-Androstane	102%		26-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TF-1		
Lab Sample ID:	JA39944-6	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A86631.D	1	03/01/10	TGE	n/a	n/a	V1A3696
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	6.9	10	2.9	ug/l	J
75-85-4	Tert Amyl Alcohol	ND	25	6.2	ug/l	
919-94-8	tert-amyl ethyl ether	ND	5.0	0.34	ug/l	
71-43-2	Benzene	0.23	1.0	0.23	ug/l	J
108-86-1	Bromobenzene	ND	5.0	0.24	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.47	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.21	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.31	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.26	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.35	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TF-1		
Lab Sample ID:	JA39944-6	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.25	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.60	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.24	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	1.8	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.67	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.69	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.83	1.0	0.23	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.24	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
91-20-3	Naphthalene	1.6	5.0	0.97	ug/l	J
103-65-1	n-Propylbenzene	0.45	5.0	0.24	ug/l	J
100-42-5	Styrene	ND	5.0	0.58	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.21	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.27	ug/l	
108-88-3	Toluene	4.3	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.49	ug/l	
95-63-6	1,2,4-Trimethylbenzene	50.9	5.0	0.28	ug/l	
108-67-8	1,3,5-Trimethylbenzene	28.7	5.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	56.8	1.0	0.25	ug/l	
95-47-6	o-Xylene	30.9	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	87.7	1.0	0.25	ug/l	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TF-1		
Lab Sample ID:	JA39944-6	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		76-120%
17060-07-0	1,2-Dichloroethane-D4	98%		64-135%
2037-26-5	Toluene-D8	95%		76-117%
460-00-4	4-Bromofluorobenzene	89%		72-122%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkane	12.53	7.9	ug/l	J
	alkane	12.68	14	ug/l	J
	alcohol	12.87	8	ug/l	J
	C3 alkyl benzene	16.40	46	ug/l	J
	C3 alkyl benzene	16.74	21	ug/l	J
	C4 alkyl benzene	17.56	9.6	ug/l	J
	C4 alkyl benzene	17.60	12	ug/l	J
	C4 alkyl benzene	17.93	13	ug/l	J
	C4 alkyl benzene	18.05	16	ug/l	J
	1H-indene-dihydro-methyl	18.28	8.5	ug/l	J
	C4 alkyl benzene	18.45	7.3	ug/l	J
	C4 alkyl benzene	18.54	6.8	ug/l	J
	C4 alkyl benzene	18.61	17	ug/l	J
	1H-indene-dihydro-methyl	19.24	13	ug/l	J
	1H-Indene-dihydro-dimethyl	19.62	7.7	ug/l	J
	Total TIC, Volatile		207.8	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TF-1		
Lab Sample ID:	JA39944-6	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8015B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV79372.D	1	02/18/10	CY	n/a	n/a	GUV3148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.14	0.20	0.032	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	91%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TF-1		
Lab Sample ID:	JA39944-6	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846-8015 SW846 3510C	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y20564.D	1	02/19/10	DNM	02/18/10	OP42304	G3Y623
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	4.75	0.10	0.039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	83%		34-139%
16416-32-3	Tetracosane-d50	79%		34-141%
438-22-2	5a-Androstane	74%		26-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TF-2		
Lab Sample ID:	JA39944-7	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A86220.D	1	02/18/10	TGE	n/a	n/a	V1A3678
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.9	ug/l	
75-85-4	Tert Amyl Alcohol	ND	25	6.2	ug/l	
919-94-8	tert-amyl ethyl ether	ND	5.0	0.34	ug/l	
71-43-2	Benzene	ND	1.0	0.23	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.24	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.33	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	4.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.30	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.47	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.22	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.21	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.31	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.26	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.35	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TF-2		
Lab Sample ID:	JA39944-7	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.27	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.25	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.60	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.24	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.96	1.0	0.27	ug/l	J
87-68-3	Hexachlorobutadiene	ND	5.0	0.67	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.57	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.69	ug/l	
1634-04-4	Methyl Tert Butyl Ether	7.7	1.0	0.23	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.86	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.24	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	0.97	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.24	ug/l	
100-42-5	Styrene	ND	5.0	0.58	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.21	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	0.44	1.0	0.27	ug/l	J
108-88-3	Toluene	0.55	1.0	0.30	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.47	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.54	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.49	ug/l	
95-63-6	1,2,4-Trimethylbenzene	4.3	5.0	0.28	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	0.78	5.0	0.30	ug/l	J
75-01-4	Vinyl chloride	ND	1.0	0.44	ug/l	
	m,p-Xylene	3.8	1.0	0.25	ug/l	
95-47-6	o-Xylene	1.5	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	5.3	1.0	0.25	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TF-2		
Lab Sample ID:	JA39944-7	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8260B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

MD VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		76-120%
17060-07-0	1,2-Dichloroethane-D4	88%		64-135%
2037-26-5	Toluene-D8	96%		76-117%
460-00-4	4-Bromofluorobenzene	92%		72-122%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	20.12	8.3	ug/l	J
	Total TIC, Volatile		8.3	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TF-2		
Lab Sample ID:	JA39944-7	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846 8015B	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV79373.D	1	02/18/10	CY	n/a	n/a	GUV3148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.032	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	88%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TF-2		
Lab Sample ID:	JA39944-7	Date Sampled:	02/15/10
Matrix:	AQ - Ground Water	Date Received:	02/16/10
Method:	SW846-8015 SW846 3510C	Percent Solids:	n/a
Project:	GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y20563.D	1	02/19/10	DNM	02/18/10	OP42304	G3Y623
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	2.16	0.10	0.039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		34-139%
16416-32-3	Tetracosane-d50	76%		34-141%
438-22-2	5a-Androstane	65%		26-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

CHAIN OF CUSTODY

2235 Route 130
Dayton, NJ 08810
732-329-0200 Fax: 732-329-3499

Accutest Job No. JA39944
Accutest Control No.

Client Information

Raymond F. Leather

Name: Drake Petroleum Company, Inc.

Address: P.O. Box 866 Quinebaug Rd 221

City: North Grosvenordale State: CT Zip: 06255

Send Report to: Andrea Taylorson Collins ~~Alexis Sipe~~

Phone #: 800-220-3608 Ex 3703

Facility Information

Project Name: P.C. No. 007805 Bel Air Xtr

Location: 2476 E Churchville Rd, Bel Air, MD 21015

Project No.: 04-01539

Fax: 410-721-3733

Analytical Information

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	Sampled By	MATRIX	NO. OF CONT.	PRESERVATIVE HCl	NaOH	HNO3	H2SO4	NONE	TPH - Purgeable (8015) GRO	TPH - Extractable (8015) DRO	BTEX / MTBE (8021B, 602, 8024/624)	BTEX / MTBE + Oxygenates (8260B)	VOCs by 8260 (MDVO) + 10 TICs and 7 Oxygenates	VOCs (8260)	VOCs Aromatic (8021B)	VOCs Halogenated (8021B)	PAH (HPLC 610, 8310) 8270	Metals (Specify)	TRPH (418.1, FL-PRO)	Vapor VOCs BTEX, MTBE/GRO (EPA-18, TO-18)	Vapor VOCs Full List (EPA-18, TO-18)	Pre burn (8021, Halogenated, FL-Pro, As, Cd, Cr, Pb)	8 RCRA Metals	4 RCRA Metals (As, Cd, Cr, Pb)	524 plus MTBE
-1	MW-7	2-15-10	1330	JWP	GW	7	X					X	X			X												
-2	FIELD BLANK	2-15-10	1405	JWP	DW	3	X									~~X~~	X											
	~~TRIP BLANK~~	—		—	~~DW~~	~~3~~	~~X~~									~~X~~												
-3	MW-9	2-15-10	1200	JWP	GW	7	X					X	X			X												
-4	MW-10	↓	1230	↓	↓	↓	↓					↓	↓			↓												
-5	MW-11		1300																									
-6	TF-1	↓	1340	↓	↓	↓	↓					↓	↓			↓												
-7	TF-2	2-15-10	1400	JWP	GW	7	X					X	X			X												

Turnaround Information

☐ <24 HOURS ☐ 10 DAYS
☐ 3 DAYS ☑ STANDARD
☐ 5 DAYS

Comments/Remarks/Special Instructions

7 Oxy - MTBE, TBA, TAME, DIPE, ETBE, TAA, TAEE

Please email results to ~~aaylor@geseonline.com~~ atayloresncollins@gesonline.com

Please send a hard copy to Gina Baker @ GES

Consultant:
Groundwater & Environmental Services, Inc.,
2142 Priest Bridge Ct. Suite 1, Crofton, MD 21114

EX85
2199D

Relinquished by Sampler	Date/Time	Received by	Relinquished by	Date/Time	Received by
Jeff Plummer	2-15-10 1410	Robin Perp 2.16.10 12:05	Robin Perp	2-16-10 16:55	
Relinquished by Sampler	Date/Time	Received by	Relinquished by	Date/Time	Received by
Relinquished by Sampler	Date/Time	Received by	Seal #	Preserved where applicable	On Ice
			N/A		

1C cooler

SAMPLE MONTHS - 6 / 12 Page 1 of 1

2.6°C

JA39944: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA39944 Client: GES-MD Immediate Client Services Action Required: No

Date / Time Received: 2/16/2010 16:55 Delivery Method: Accutest Courier Client Service Action Required at Login: Yes

Project: DRAKE No. Coolers: 1 Airbill #'s:

Cooler Security	Y or N		Y or N
1. Custody Seals Present:	☑ ☐	3. COC Present:	☑ ☐
2. Custody Seals Intact:	☑ ☐	4. Smpl Dates/Time OK	☑ ☐

Cooler Temperature	Y or N
1. Temp criteria achieved:	☑ ☐
2. Cooler temp verification:	Infared gun
3. Cooler media:	Ice (bag)

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☐	☑
2. Trip Blank listed on COC:	☐	☐	☑
3. Samples preserved properly:	☐	☑	
4. VOCs headspace free:	☐	☐	☐

Sample Integrity - Documentation	Y or N
1. Sample labels present on bottles:	☑ ☐
2. Container labeling complete:	☑ ☐
3. Sample container label / COC agree:	☑ ☐

Sample Integrity - Condition	Y or N
1. Sample recvd within HT:	☑ ☐
2. All containers accounted for:	☑ ☐
3. Condition of sample:	Intact

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☐
5. Filtering instructions clear:	☐	☐	☐

Comments

ALL 950ML REC'D UNDERPRESERVED (PH6) LOT#2911007

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA39944: Chain of Custody
Page 2 of 3

ACCUTEST

Sample Receipt Summary - Problem Resolution

Accutest Job Number: JA39944

CSR: _____ **Response Date** _____

Response:

3.1

3

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA39944: Chain of Custody
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