

Groundwater Analytical Results

7-Eleven Store No. 28924

Taylorsville, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)
R-MW-1	6/30/08	ND@1	ND@1	ND@1	ND@3	BDL	1	ND@20	ND@10
	12/31/08	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	ND@20	ND@10
	12/16/09	ND@1	ND@1	ND@1	ND@3	BDL	1	ND@20	ND@10
	12/29/10	ND@1	ND@1	ND@1	ND@3	BDL	1	ND@20	ND@10
	12/7/11	NS	NS	NS	NS	NS	NS	NS	NS
	2/27/12*	ND@1	ND@1	ND@1	ND@3	BDL	4.9	ND@20	ND@10
	12/5/12	ND@1	ND@1	ND@1	ND@3	BDL	8.7	ND@20	ND@10
	6/20/13	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	12/20/13	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/30/14	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	12/22/14	1,200	3,100	560	5,100	9,960	ND@20	NA	NA
	12/10/15	141	57.0	643	754	1,595	12.3	NA	NA
	12/27/16	ND@1	ND@1	1.96	ND@3	1.96	72.9	NA	NA
	1/27/17	ND@1	ND@1	ND@1	ND@3	BDL	19.9	ND@10	ND@1
	6/2/17	1.37	ND@1	24.5	5.46	31.33	ND@1	NA	NA
	6/28/18	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/6/19	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/30/20	ND@1	ND@1	ND@1	ND@10	BDL	3.62	NA	NA
	6/24/21	ND@1	ND@1	ND@1	ND@10	BDL	12.2	NA	NA
	6/17/22	ND@1	ND@1	ND@1	ND@3	BDL	3.59	NA	NA
6/26/23	ND@1	ND@1	ND@1	ND@3	BDL	17.6	NA	NA	
6/19/24	ND@1	ND@1	ND@1	ND@3	BDL	1.28	ND@5	ND@1	
MW-3	6/30/08	4	ND @ 1	25	16	45	24	ND @ 20	ND@10
	12/31/08	5	3	46	71	125	19	ND @ 20	ND @ 10
	12/16/09	3	ND @ 1	18	15	36	ND @ 1	ND @ 20	ND @ 10
	12/29/10	10	6	89	144	249	ND @ 1	ND @ 20	ND @ 10
	12/7/11	2.9	ND @ 1	32	20	55	ND @ 1	ND @ 20	ND @ 10
	12/5/12	2.7	ND @ 1	33	42	78	ND @ 1	ND @ 20	ND @ 10
	6/20/13	2.0	ND @ 1	24	23	49	ND @ 1	NA	NA
	12/20/13	3.1	1.4	46	57.4	108	ND @ 1	NA	NA
	6/30/14	1.1	ND @ 1	9	ND @ 3	10	ND @ 1	NA	NA
	12/22/15	23	ND @ 1	28	35	86	ND @ 1	NA	NA
6/29/15	ND@1	ND @ 1	1.41	ND @ 3	1.41	ND @ 1	NA	NA	
Abandoned for UST replacement; replaced by MW-3R on 9/10/15									
MW-3R	12/10/15	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	12/27/16	No water in well, could not sample							
	1/27/17	No water in well, could not sample							
	6/2/17	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/28/18	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/6/19	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/30/20	ND@1	ND@1	ND@1	ND@10	BDL	ND@1	NA	NA
	6/24/21	ND@1	8.83	2.52	16.5	27.85	ND@1	NA	NA
	6/17/22	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	6/26/23	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
6/19/24	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	ND@5	ND@1	
MDE Cleanup Standard		5	1,000	700	10,000	--	20	--	--

BTEX - Total Benzene, Toluene, Ethylbenzene and Xylenes

MTBE - Methyl Tert-Butyl Ether

TBA - Tert-Butyl Alcohol

TAME - Tert-Amyl Methyl Ether

µg/L - micrograms-per-liter

ND @ x - not detected above laboratory detection level of x

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RW-2	6/30/08	ND@1	ND@1	ND@1	ND@3	BDL	110	ND@20	ND@10
	12/31/08	ND@1	ND@1	ND@1	ND@3	BDL	180	ND@20	ND@10
	12/16/09	ND@1	ND@1	ND@1	ND@3	BDL	87	ND@20	ND@10
	12/29/10	ND@1	ND@1	ND@1	ND@3	BDL	62	ND@20	ND@10
	12/7/11	ND@1	ND@1	ND@1	ND@3	BDL	58	ND@20	ND@10
	12/5/12	ND@1	ND@1	ND@1	ND@3	BDL	93	ND@20	ND@10
	6/20/13	ND@1	ND@1	ND@1	ND@3	BDL	32	NA	NA
	12/20/13	ND@1	ND@1	ND@1	ND@3	BDL	67	NA	NA
	6/30/14	ND@1	ND@1	ND@1	ND@3	BDL	180	NA	NA
	12/22/14	ND@1	ND@1	ND@1	ND@3	BDL	47	NA	NA
	12/10/15	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	NA	NA
	12/27/16	ND@1	ND@1	ND@1	ND@3	BDL	17	NA	NA
	6/2/17	ND@1	ND@1	ND@1	ND@3	BDL	176	NA	NA
	6/28/18	ND@1	ND@1	ND@1	ND@3	BDL	95.8	NA	NA
	6/6/19	ND@1	ND@1	ND@1	ND@3	BDL	12.2	NA	NA
	6/30/20	ND@1	ND@1	ND@1	ND@10	BDL	42.6	NA	NA
	6/24/21	ND@1	ND@1	ND@1	ND@10	BDL	22	NA	NA
	6/17/22	ND@1	ND@1	ND@1	ND@3	BDL	34.7	NA	NA
6/26/23	ND@1	ND@1	ND@1	ND@3	BDL	26.6	NA	NA	
6/19/24	71.9	16.2	ND@1	17.7	105.8	79.2	8.53	ND@1	
8/5/24	20.5	ND@2	ND@2	2.5	23	86.1	ND@15	2.4	
TFMW-1	7/17/19	ND@1	ND@1	ND@1	ND@3	BDL	ND@1	ND@10	ND@1
	6/30/20	ND@1	ND@1	ND@1	ND@10	BDL	3.36	NA	NA
	6/24/21	ND@1	ND@1	ND@1	ND@10	BDL	ND@1	NA	NA
	6/17/22	ND@1	ND@1	ND@1	ND@3	BDL	1.62	NA	NA
	6/26/23	ND@1	ND@1	ND@1	ND@3	BDL	NA	NA	NA
	6/19/24	ND@1	ND@1	ND@1	ND@3	BDL	1.03	ND@5	ND@1
TFMW-2	7/17/19	ND@1	ND@1	ND@1	ND@3	BDL	4.43	ND@10	ND@1
	6/30/20	ND@1	ND@1	ND@1	ND@10	BDL	ND@1	NA	NA
	6/24/21	ND@1	ND@1	ND@1	ND@10	BDL	ND@1	NA	NA
	6/17/22	ND@1	ND@1	ND@1	ND@3	BDL	ND@2	NA	NA
	6/26/23	ND@1	ND@1	ND@1	ND@3	BDL	NA	ND@5	ND@1
	6/19/24	12.7	8.01	ND@1	12.9	33.61	2.11	ND@5	ND@1
	8/5/24	145	126	9	213	493	ND@2	ND@15	ND@2
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7-11 Potable Well Influent	6/30/08	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5
	12/31/08	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@10
	12/16/09	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.7	ND@0.5	ND@10
	12/29/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.6	ND@0.5	ND@10
	12/7/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@10
	12/5/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.56	ND@0.5	ND@10
	6/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.0	ND@0.5	ND@5
	6/30/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/22/14	46	8.9	ND@0.5	106	161	2.0	ND@0.5	ND@5
	6/29/15	6.94	ND@0.5	ND@0.5	2.27	9	1.44	ND@0.5	ND@5
	12/10/15	3.09	ND@0.5	ND@0.5	ND@1.0	3	2.34	ND@0.5	ND@5
	12/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	2.18	ND@10	ND@0.5
	6/2/17	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	1.80	ND@10	ND@0.5
	6/28/18	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/6/19	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/30/20	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
	6/24/21	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
6/17/22	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
6/26/23	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	0.53	ND@5	NA	
6/19/24	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
7-11 Potable Well Mid-point	12/16/09	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/29/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.8	ND@0.5	ND@5
	12/7/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/5/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	6/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	6/30/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/22/14	1.4	ND@0.5	ND@0.5	2.4	3.8	2.0	ND@0.5	ND@5
	6/29/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.62	ND@0.5	ND@5
	12/10/15	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@0.5	ND@5
	12/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	0.633	ND@10	ND@0.5
	6/2/17	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	0.849	ND@10	ND@0.5
	6/28/18	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/6/19	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/30/20	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
	6/24/21	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
	6/17/22	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA
	6/26/23	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	0.53	ND@5	NA
6/19/24	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
MDE Cleanup Standard		5	1,000	700	10,000	--	20	--	--

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7-11 Potable Well Effluent	6/30/08	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5
	12/31/08	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@10
	12/16/09	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/29/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/7/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/5/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	6/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/20/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	6/30/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@5
	12/22/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.7	ND@0.5	ND@5
	6/29/15	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@0.5	ND@5
	12/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	0.593	ND@10	ND@0.5
	6/2/17	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/28/18	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	1.07	ND@10	ND@0.5
	6/6/19	ND@0.5	ND@0.5	ND@0.5	ND@1.0	BDL	ND@0.5	ND@10	ND@0.5
	6/30/20	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
	6/24/21	ND@0.5	ND@0.5	ND@0.5	ND@0.5	BDL	ND@0.5	ND@10	ND@0.5
6/17/22	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
6/26/23	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
6/19/24	ND@0.5	ND@1	ND@0.5	ND@0.5	BDL	ND@0.5	ND@5	NA	
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