



PETROLEUM MANAGEMENT, INC.

Environmental Services Division

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March 30, 2026

Maryland Department of the Environment
Oil Control Program
Attn: Shane Rozelle
1800 Washington Blvd., Suite 620
Baltimore, MD 21230-1719

**RE: Wiley H. Bates Middle School
701 Chase St., Annapolis
MDE Facility ID# 3200
MDE Case# 18-0559-AA**

Quarterly Sampling Report – 1st Quarter 2026

Dear Mr. Rozelle,

In accordance with MDE directives, a quarterly monitoring well sampling event was completed at the site on March 04-05, 2026. Each monitoring well available at the site was gauged with an electronic oil/water interface probe to detect any accumulation of Liquid Phase Hydrocarbons (LPH) or Free Product. **At the time of this monitoring event, the skimmer recovery system was active with a heavy petroleum sheen still present in MW-1 and MW-2. Accordingly, wells MW-1 and MW-2 were excluded from this quarterly sampling event.**

After gauging and in the absence of any LPH, each well was purged with a submersible low-flow pump on March 04, 2026, by removing a total of three (3) well volumes of water per gauging calculations. Purged groundwater was transferred to containment drums for removal and disposal (PMI manifest #49600). After allowing groundwater in each well to recover to pre-purge levels, sampling from each well was completed on March 05, 2026.

Groundwater samples were collected using pre-packaged, single-use disposable bailers and placed in laboratory provided glassware for analysis of TPH-DRO, TPH-GRO (EPA method 8015c) and Total VOC (EPA method 8260b) as directed. Samples were placed in a cooler with ice for transport to the lab facility under appropriate chain of custody. Historic and current groundwater analysis results are summarized as follows with complete laboratory reports attached. *For the purpose of sample analysis and comparison to current MDE Clean-up Standards, a lower detection limit was requested in the TPH-GRO and TPH-DRO analysis. As noted in the laboratory report, an ND result would indicate a concentration below the reporting limit as well as the detection limit for the analysis. If the result is below the reporting limit but above the detection limit, a J-Flag notation would be indicated to reflect an estimated concentration.*

MW-1: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MW-1	8/7/19	*LPH present, no sampling this quarter. Well target of EFR activity.							
	11/7/19	*LPH present, no sampling this quarter. Well target of EFR activity.							
	2/19/20	*LPH present, no sampling this quarter. Well target of EFR activity.							
	5/20/20	*LPH present, no sampling this quarter. Well target of active recovery system.							
	8/19/20	*LPH present, no sampling this quarter. Well target of active recovery system.							
	11/19/20	*LPH present, no sampling this quarter. Well target of active recovery system.							
	2/25/21	*LPH present, no sampling this quarter. Well target of active recovery system.							
	5/20/21	*LPH present, no sampling this quarter. Well target of active recovery system.							
	8/25/21	*LPH present, no sampling this quarter.							
	11/17/21	*LPH present, no sampling this quarter.							
	2/24/22	*LPH present, no sampling this quarter.							
	5/26/22	*LPH present, no sampling this quarter. Well target of active recovery system.							
	8/24/22	*LPH present, no sampling this quarter. Well target of active recovery system.							
	11/23/22	*LPH present, no sampling this quarter. Well target of active recovery system.							
	2/8/23	*LPH present, no sampling this quarter (Skimmers temp. off-line for observation)							
	5/25/23	*LPH present, no sampling this quarter (LPH skimmers returned to service 2/26/23)							
	8/24/23	1530	37100	12.7	1.3	39.9	152.3	ND <2.0	86.6
	11/29/23	*LPH present, no sampling this quarter (LPH skimmers returned to service 10/5/23)							
	2/22/24	*LPH present (<0.01'), no sampling this quarter							
	5/22/24	1230	25400	22.5	1.7	42.3	51.7	ND <2.0	62.0
	8/23/24	689	11400	6.8	ND <2.0	13.0	45.7	ND <2.0	34.3
	11/27/24	*LPH present (0.02'), no sampling this quarter; Skimmers in service.							
	2/26/25	*LPH present (0.03'), no sampling this quarter; Skimmers in service.							
5/14/25	*LPH present (0.45'), no sampling this quarter; Skimmers in service.								
8/28/25	*LPH present (0.03'), no sampling this quarter; Skimmer remains in service.								
11/26/25	4450	94900	1.9	ND <2.0	4.1	10.4	ND <2.0	18.3	
03/05/26	*LPH present (<0.01'), no sampling this quarter; Skimmers in service.								
MDE Clean-up Std. (Type I & II Aquifers)	47	47	5.0	1000	700	10000	20	0.17	

ND= Not Detected at or above the method reporting or detection limit.

MW-2: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MW-2	8/7/19	*LPH present, no sampling this quarter. Well target of EFR activity.							
	11/7/19	*LPH present, no sampling this quarter. Well target of EFR activity.							
	2/19/20	*LPH present, no sampling this quarter. Well target of EFR activity.							
	5/20/20	*LPH present, no sampling this quarter. Well target of active recovery system.							
	8/19/20	*LPH present, no sampling this quarter. Well target of active recovery system.							
	11/19/20	*LPH present, no sampling this quarter. Well target of active recovery system.							
	2/25/21	*LPH present, no sampling this quarter. Well target of active recovery system.							
	5/20/21	*LPH present, no sampling this quarter. Well target of active recovery system.							
	8/25/21	*LPH present, no sampling this quarter.							
	11/17/21	*LPH present, no sampling this quarter.							
	2/24/22	*LPH present, no sampling this quarter.							
	5/26/22	*LPH present, no sampling this quarter. Well target of active recovery system.							
	8/24/22	*LPH present (heavy sheen only), no sampling this quarter. Well target of active recovery system.							
	11/23/22	*LPH present, no sampling this quarter. Well target of active recovery system.							
	2/8/23	*LPH present, no sampling this quarter (Skimmers temp. off-line for observation)							
	5/25/23	*LPH present, no sampling this quarter (LPH skimmers returned to service 2/26/23)							
	8/24/23	2200	328000	7.2	ND <2.0	131	259.9	ND <2.0	164
	11/29/23	*LPH present, no sampling this quarter (LPH skimmers returned to service 10/5/23)							
	2/22/24	*LPH present (<0.01'), no sampling this quarter							
	5/22/24	534	13300	3.7	ND <2.0	20.9	33.6	ND <2.0	54.0
8/23/24	668	5800	4.3	ND <2.0	23.7	42.2	ND <2.0	71.3	
11/27/24	*LPH present (0.01'), no sampling this quarter; Skimmers in service.								
2/26/25	*LPH present (0.03'), no sampling this quarter; Skimmers in service.								
5/14/25	*LPH present (0.01'), no sampling this quarter; Skimmers in service.								
8/28/25	70.7	16100	2.0	ND <2.0	13.0	16.4	ND <2.0	43.8	
11/26/25	542	5920	ND <2.0	ND <2.0	4.4	5.7	ND <2.0	15.9	
03/05/26	*LPH present (<0.01'), no sampling this quarter; Skimmers in service.								
MDE Clean-up Std. (Type I & II Aquifers)	47	47	5.0	1000	700	10000	20	0.17	

ND= Not Detected at or above the method reporting or detection limit.

MW-3: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MW-3	8/7/19	*LPH present, no sampling this quarter. Well target of EFR activity.							
	11/7/19	*LPH present, no sampling this quarter. Well target of EFR activity.							
	2/19/20	102	1870	ND <2.0	ND <2.0	ND <2.0	4.7	ND <2.0	ND <2.0
	5/20/20	ND <100	8770	ND <2.0	ND <2.0	ND <2.0	4.1	ND <2.0	4.3
	8/19/20	ND <100	5530	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/19/20	ND <100	2720	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/25/21	ND <100	6520	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/20/21	ND <100	6260	ND <2.0	ND <2.0	ND <2.0	3.7	ND <2.0	4.5
	8/25/21	ND <100	2210	ND <2.0	ND <2.0	ND <2.0	1.1	ND <2.0	ND <2.0
	11/17/21	ND <100	7530	ND <2.0	ND <2.0	ND <2.0	1.5	ND <2.0	ND <2.0
	2/24/22	ND <100	480	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/26/22	ND <100	3560	ND <2.0	ND <2.0	1.0 J	6.1 J	ND <2.0	4.7 J
	8/24/22	ND <100	7500	ND <2.0	ND <2.0	ND <2.0	1.2 J	ND <2.0	4.3
	11/23/22	ND <45	3100	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	3.1
	2/8/23	ND <45	8290	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/25/23	ND <45	834	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/24/23	ND <45	1750	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/29/23	77.8	4250	ND <2.0	ND <2.0	ND <2.0	1.4	ND <2.0	3.3
	2/22/24	ND <45	4990	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/22/24	ND <45	1810	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/23/24	135	7020	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	2.3
	11/27/24	1050	175000	ND <2.0	ND <2.0	2.2	16.4	ND <2.0	40.2
	2/26/25	ND <45	5370	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/14/25	ND <45	19900	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
8/28/25	73.8	106000	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
11/26/25	99.1	6610	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
03/05/26	103	2190	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

ND= Not Detected at or above the method reporting or detection limit.
J= Detected but below detection limit; estimated concentration.

MW-4: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MW-4	MW-4 was abandoned 2/16/23 as MDE approved								
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

MW-5: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MW-5	MW-5 was abandoned 6/20/24 as MDE approved								
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

MW-6: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MW-6	MW-6 was abandoned 6/20/24 as MDE approved								
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

MW-7: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MW-7	MW-7 was abandoned 6/20/24 as MDE approved								
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

MW-8: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MW-8	8/7/19	ND <100	ND <250	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/7/19	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/19/20	190	9830	ND <2.0	ND <2.0	2.7	7.6	ND <2.0	7.5
	5/20/20	ND <100	1180	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/19/20	ND <100	370	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/19/20	ND <100	ND <240	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/25/21	ND <100	300	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/20/21	ND <100	1930	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/25/21	ND <100	750	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/17/21	ND <100	1990	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/24/22	ND <100	ND <210	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/26/22	ND <100	680	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/24/22	ND <100	370	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/23/22	ND <45	110	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/8/23	ND <45	1880	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/25/23	ND <45	151	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/24/23	ND <45	103	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/29/23	ND <45	642	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/22/24	ND <45	470	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/22/24	ND <45	474	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/23/24	ND <45	239	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/27/24	ND <45	256	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/26/25	ND <45	355	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
5/14/25	ND <45	863	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
8/28/25	ND <45	132	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
11/26/25	ND <45	249	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
03/05/26	ND <45	53.2 (D-36)	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

ND= Not Detected at or above the method reporting or detection limit.

D-36 = Sample does not display a pattern consistent with fuel contamination (See lab report notes).

MW-10: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MW-10	MW-10 was abandoned 2/16/23 as MDE approved								
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

ND= Not Detected at or above the method reporting or detection limit.

MDE-1: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MDE-1	8/7/19	ND <100	ND <260	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/7/19	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/19/20	ND <100	ND <240	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/20/20	ND <100	ND <230	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/19/20	ND <100	ND <240	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/19/20	ND <100	ND <250	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/25/21	ND <100	ND <240	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/20/21	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/25/21	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/17/21	ND <100	ND <180	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/24/22	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/26/22	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/24/22	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/23/22	ND <45	ND <40	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/8/23	ND <45	40	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/25/23	ND <45	ND <33	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/24/23	ND <45	ND <58	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/29/23	ND <45	ND <48	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/22/24	ND <45	ND <45	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/22/24	ND <45	ND <43	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
8/23/24	ND <45	66	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
11/27/24	ND <45	77.6 (D-35)	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
2/26/25	ND <45	79.0 (D-35)	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
5/14/25	ND <45	80.9 (D-35)	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
8/28/25	1700	80.4	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
11/26/25	ND <45	75.5	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
03/05/26	ND <45	50.0 (D-35)	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

ND= Not Detected at or above the method reporting or detection limit.

D-35 = Sample does not display a pattern consistent with fuel contamination (See lab report notes).

MDE-2: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MDE-2	8/7/19	ND <100	ND <240	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/7/19	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/19/20	ND <100	ND <240	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/20/20	ND <100	ND <200	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/19/20	ND <100	ND <230	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/19/20	ND <100	ND <240	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/25/21	ND <100	ND <240	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/20/21	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/25/21	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/17/21	ND <100	ND <180	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/24/22	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/26/22	ND <100	ND <210	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/24/22	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/23/22	ND <45	40	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/8/23	ND <45	50	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/25/23	ND <45	51	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/24/23	ND <45	ND <50	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/29/23	ND <45	ND <43	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/22/24	ND <45	ND <43	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/22/24	ND <45	ND <44	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/23/24	ND <45	50	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/27/24	ND <45	ND <43	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/26/25	ND <45	53.8 (D-35)	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
5/14/25	ND <45	67.9 (D-35)	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
8/28/25	ND <45	ND <43.5	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
11/26/25	ND <45	53.5 (D-36)	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
03/05/26	ND <45	ND <43.2	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

ND= Not Detected at or above the method reporting or detection limit.

D-35 = Sample does not display a pattern consistent with fuel contamination (See lab report notes).

D-36 = Sample does not display a pattern consistent with fuel contamination (See lab report notes).

MDE-3: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
MDE-3	8/7/19	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/7/19	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/19/20	ND <100	ND <240	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/20/20	ND <100	ND <210	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/19/20	ND <100	ND <230	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/19/20	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/25/21	ND <100	ND <240	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/20/21	ND <100	ND <210	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/25/21	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/17/21	ND <100	ND <190	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/24/22	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/26/22	ND <100	ND <210	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/24/22	ND <100	ND <220	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/23/22	ND <45	ND <30	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/8/23	ND <45	ND <30	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	5/25/23	ND <45	56	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	8/24/23	ND <45	56	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	11/29/23	ND <45	64	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0
	2/22/24	ND <45	59	ND <2.0	ND <2.0	ND <2.0	1.6	ND <2.0	ND <2.0
	5/22/24	ND <45	189	ND <2.0	ND <2.0	ND <2.0	3.3	ND <2.0	5.6
8/23/24	ND <45	80	ND <2.0	ND <2.0	ND <2.0	3.3	ND <2.0	5.6	
11/27/24	ND <45	54	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
2/26/25	ND <45	62.9 (D-35)	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
5/14/25	ND <45	64.1 (D-35)	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
8/28/25	ND <45	ND<43.5	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
11/26/25	ND <45	56.2 (D-36)	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
03/05/26	ND <45	ND<44.7	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	ND <2.0	
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

ND= Not Detected at or above the method reporting or detection limit.

D-35 = Sample does not display a pattern consistent with fuel contamination (See lab report notes).

D-36 = Sample does not display a pattern consistent with fuel contamination (See lab report notes)

TF-1: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
TF-1	*Tank Field Monitoring Pipe (TF-1) removed with UST Closure July 2024								
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

TF-2: Analytical Results Summary

Well ID	Sample Date	TPH-GRO ug/L	TPH-DRO ug/L	*Volatile Organic Compounds ug/L					
				Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene
TF-2 (MW-9)	TF-2 (MW-9) was abandoned 6/20/24 and casing removed 7/10/24 with UST removals.								
MDE Clean-up Std. (Type I & II Aquifers)		47	47	5.0	1000	700	10000	20	0.17

Conclusions:

Upon review and comparison of the gauging and sampling results from the previous quarterly sampling events and this current 1st quarter of 2026, groundwater levels are now beginning to increase over last several events, possibly contributing to the decreased dissolved-phase concentrations observed in several locations. LPH observed at MW-1 and MW-2 has declined to a heavy visible sheen, measuring as <0.01'. The LPH recovery system remains in service at MW-1 and MW-2 locations. LPH at MW-3 has still not returned and has not been observed since November 13, 2019.

- MW-1 and MW-2: LPH still present but reduced to a heavy sheen (<0.01'), no sampling this quarter; Skimmers in service.
- MW-3: Slight increase in TPH-GRO concentration over the last quarter, but a decline in TPH-DRO.
- MW-8: TPH-DRO concentration decreased since last quarter. Lab note (D-36) indicates that the sample did not display a pattern consistent with fuel contamination.
- MDE-1: TPH-GRO concentration still non-detect since last quarter; TPH-DRO concentration declined to 50 ug/L with a lab note (D-35) indicating that the sample did not display a pattern consistent with fuel contamination.
- MDE-2 and MDE-3: All parameters were non-detect at or above the method reporting or detection limits.

A complete laboratory results report for the 1st quarter 2026 sampling event, along with well gauging data and an updated site plan of monitoring well locations, is attached for review. As directed by MDE, the next quarterly sampling event will be scheduled in early June 2026.

Please contact our office with any questions or concerns.

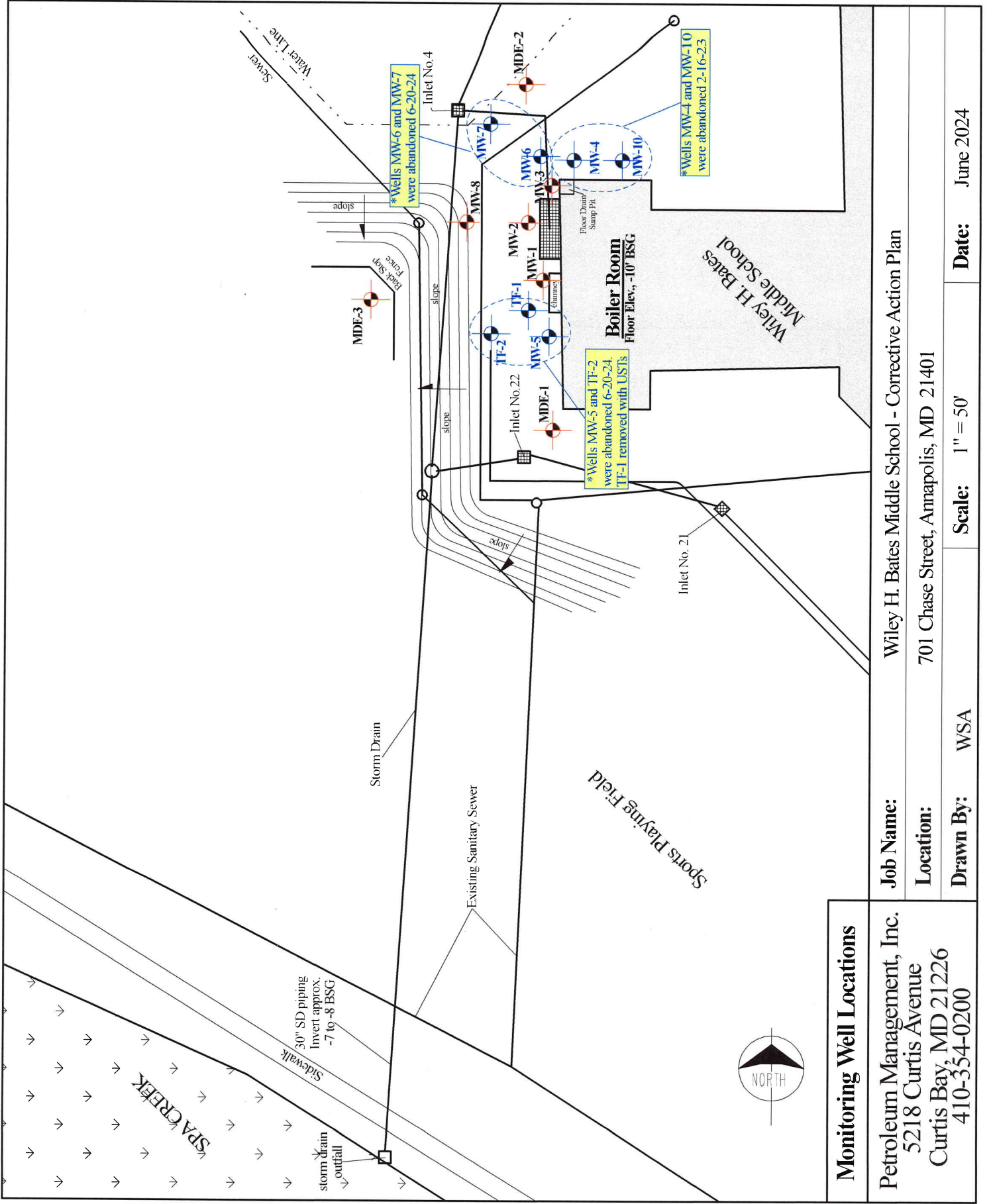
Respectfully submitted,



W. Scott Alexander
Environmental Projects Manager

Enc.

cc: Mr. John Conaway
Environmental Health & Safety Specialist
Anne Arundel County Public Schools
9034 Fort Smallwood Rd.
Pasadena, MD 21122



Monitoring Well Locations
 Petroleum Management, Inc.
 5218 Curtis Avenue
 Curtis Bay, MD 21226
 410-354-0200

Job Name: Wiley H. Bates Middle School - Corrective Action Plan

Location: 701 Chase Street, Annapolis, MD 21401

Drawn By: WSA

Scale: 1" = 50'

Date: June 2024

Petroleum Management, Inc.

MD. Oil Operation Permit No: 2011-OPT-38311
 EPA Identification NO: MDR000525278
 Federal ID NO: 42-2014536

5218 Curtis Avenue ♦ Baltimore, Maryland 21226 ♦ Phone 410-354-0200 ♦ Fax 410-721-1390

Bill of Lading/Manifest No. 49600

Generator/Shipper: Anne Arundel County Public Schools (AACPS)			Billing Name: Anne Arundel County Public Schools (AACPS)		
Site Address: 701 Chase Ave			Address: 9034 Ft Smallwood Rd		
City: Annapolis	State: MD	Zip: 21401	City: Pasadena	State: MD	Zip: 21122
Phone: 410-562-0138	Contact: Jim Perpley		Phone: 443-770-5911	Contact: Jim Perpley	
Purchase Order No:					

MATERIAL CHARACTERIZATION (CHECK ALL THAT APPLY):

Description:	Gallons	Description:	Gallons	Description:	Gallons
Gasoline, 3, UN1203, PGIII		Hazardous Waste, Liquid, 9 NA3082, PGIII		JP#4	
#2 fuel Oil, 3, NA1993, PGIII		Hazardous Waste, Solid, 9 NA3077, PGIII		JP#5	
#4 fuel Oil, 3 NA1993, PGIII		Paint Thinners, 3, UN1263, PGI		Jet A	
#6 fuel Oil, 3, NA1993, PGIII		Ethylene Glycol, 9, UN3082, PGIII		Sludge	
Diesel, 3, NA1993 PGIII		Lube Oil		Petroleum Contaminated Water	150
Flammable Liquids, NOS, 3, UN1993, PGI		Waste Oil		Other	
Corrosive Liquids, NOS, 3, UN1760, PGI		Kerosene		Other	
No of Drums:		No. of Tanks:		Other	
Scale Weights (Soil): Total: (Tons)		Tare: (Tons)		Net: (Tons)	

Service Description : pumped out (3) 55gal drums of purge water from monitoring wells onsite

PLACARDS TENDERED YES NO EMERGENCY CONTACT (410) 354-0200

Generator/Shipper Certification Statement

As the generator or shipper, I hereby certify that this material is properly classified and does not contain Polychlorinated Biphenyls (PCB'S). To the best of my knowledge it has not been mixed, combined or blended in any amount with any other material defined as hazardous waste under applicable law. Generator/Shipper agrees to indemnify and hold Petroleum Management, Inc. harmless for any damages arising from or in any way relating to a breach of this Certification Statement.

X Generator/Shipper Authorized Agent (Print)	Date Of Services 3-5-26
X Generator/Shipper Authorized Agent (Signature)	

HAULER/CARRIER INFORMATION

Co. Name Petroleum Management, Inc.		Driver Name (print) Xena	
Street 5218 Curtis Avenue		Driver Signature	
City Baltimore	State MD	Zip 21226	Phone 4103540200

The above mentioned materials have been received by this facility and will be handled in accordance with all applicable rules and regulations. All quantities are subject to final verification by this facility and are indicated in far right box.	RECEIVING FACILITY ACCEPTANCE		
	Facility Name PMI - Curtis Ave.		
	Acceptance Signature		
	Phone 410.354-0200	Total Quantity Received 150 gal	

Bates Middle School- Monitoring Well Gauging Table

MW-1 Top of Casing Elevation, 28.44'

Date	Time	Depth to Liquid (ft.)	Depth to Water (ft.)	LPH thickness (ft.)	Δ GW Elev. (+/- ft.)	GW Elevation	Comment
	12:40	14.31	18.65	4.34		9.79	
11/6/19	12:40	16.85	18.56	1.71	0.09	9.88	Post EFR
2/19/20	7:45	14.40	22.89	8.49	-4.33	5.55	
5/19/20	13:43	14.15	14.24	0.09	8.65	14.20	Genie skimmer pumps activated 4/29/20
7/30/20	10:30	15.21	15.25	0.04	-1.01	13.19	Gauged prior to 8/18/20 sampling.
11/18/20	8:30	13.71	13.73	0.02	1.52	14.71	
11/19/20	9:00	13.62	13.72	0.10	0.01	14.72	Genie skimmer pumps off for 24 hrs from 11
2/24/21	12:01	13.55	13.63	0.08	0.09	14.81	
5/19/21	13:28	13.85	13.86	0.01	-0.23	14.58	
6/23/21	13:14	14.05	14.06	0.01	-0.20	14.38	Genie skimmer pumps removed today at 13
6/30/21	9:20	13.86	14.12	0.26	-0.06	14.32	
7/7/21	9:37	13.91	14.26	0.35	-0.14	14.18	
7/14/21	11:46	13.93	14.41	0.48	-0.15	14.03	
7/27/21	10:45	14.04	14.92	0.88	-0.51	13.52	
8/11/21	13:30	14.12	15.52	1.40	-0.60	12.92	
8/24/21	13:31	14.17	15.83	1.66	-0.31	12.61	
9/8/21	10:43	14.10	15.68	1.58	0.15	12.76	
9/22/21	9:50	14.17	16.03	1.86	-0.35	12.41	
10/6/21	10:30	14.21	16.19	1.98	-0.16	12.25	*Bailed LPH from well (~1 gal) after gauging
10/6/21	11:00	16.63	16.95	0.32	-0.76	11.49	*gauged 30 minutes after bailing LPH
10/6/21	12:00	14.41	14.82	0.41	2.13	13.62	*gauged 60 minutes after bailing LPH
10/19/21	12:50	14.39	15.16	0.77	-0.34	13.28	
11/5/21	11:05	14.36	15.20	0.84	-0.04	13.24	
11/16/21	9:13	14.45	15.47	1.02	-0.27	12.97	
12/1/21	15:09	14.49	15.53	1.04	-0.06	12.91	
12/15/21	13:30	14.50	15.64	1.14	-0.11	12.80	
12/29/21	11:52	14.51	15.66	1.15	-0.02	12.78	
1/12/22	16:01	14.38	15.24	0.86	0.42	13.20	
1/25/22	12:00	14.21	14.94	0.73	0.30	13.50	*Week prior to Draw-Down Event
2/2/22	8:00	14.90	15.48	0.58	-0.54	12.96	*Morning prior to Draw Down Event
2/3/22	10:50	14.91	15.02	0.11	0.46	13.42	*Morning after Draw Down Event
2/4/22	6:10	13.78	14.23	0.45	0.79	14.21	*Day after Draw Down Event
2/9/22	13:25	14.53	15.44	0.91	-1.21	13.00	*Week after Draw Down Event
2/15/22	11:08	14.60	16.10	1.50	-0.66	12.34	*2 Weeks after Draw-Down Event
2/23/22	8:33	14.51	16.45	1.94	-0.35	11.99	*3 Weeks after Draw Down Event
4/13/22	11:05	14.12	14.18	0.06	2.27	14.26	QED skimmers re-activated on March 11, 20
5/25/22	14:27	14.22	14.28	0.06	-0.10	14.16	2nd quarter gauging event
6/30/22	10:35	14.65	14.65	0.00	-0.37	13.79	Monthly follow-up
7/20/22	7:15	14.39	14.4	0.01	0.25	14.04	Monthly follow-up
8/23/22	10:28	14.50	14.51	0.01	-0.11	13.93	3rd qtr gauging event
9/21/22	11:15	14.86	14.86	0.00	-0.35	13.58	No measurable LPH; <0.01'. Skimmer de-act
9/29/22	8:05	14.64	14.68	0.04	0.18	13.76	Water levels increased with minimal LPH inc
10/5/22	12:45	14.46	14.5	0.04	0.18	13.94	Water levels increased following rain with n
10/18/22	1:15	14.50	14.61	0.11	-0.11	13.83	~2 weeks following rain event, water level d
11/3/22	10:00	15.08	15.12	0.04	-0.51	13.32	Skimmer pumps back in service since 10/18,
11/21/22	9:00	15.11	15.15	0.04	-0.03	13.29	Skimmer pumps removed per MDE approva
11/22/22	12:58	14.62	14.63	0.01	0.52	13.81	No skimmers operating, 4th Qtr gauging eve
12/1/22	9:30	14.68	14.71	0.03	-0.08	13.73	Weekly gauging, skimmers OOS
12/8/22	2:30	14.66	14.72	0.06	-0.01	13.72	Weekly gauging, skimmers OOS
12/15/22	11:15	14.51	14.58	0.07	0.14	13.86	Weekly gauging, skimmers OOS
12/21/22	10:30	14.06	14.29	0.23	0.29	14.15	Weekly gauging, skimmers OOS
2/1/23	13:10	13.94	15.74	1.80	-1.45	12.70	Monthly follow-up gauging, skimmers OOS
2/7/23	13:53	14.00	15.95	1.95	-0.21	12.49	Quarterly Gauging/Sampling event (1st Qtr.
2/15/23	9:48	14.00	15.95	1.95	0.00	12.49	

2/16/23	8:45	14.02	15.99	1.97	-0.04	12.45	Skimmer pumps put back in service today, 2
3/22/23	9:30	14.67	14.7	0.03	1.29	13.74	Continue monthly gauging
4/26/23	13:45	14.61	15.1	0.49	-0.40	13.34	Continue monthly gauging, AC had been off fi
5/24/23	11:50	14.60	14.64	0.04	0.46	13.80	Quarterly Gauging/Sampling event (2nd Qtr.
6/21/23	2:10	15.00	15.01	0.01	-0.37	13.43	Continue monthly gauging
7/19/23	1:15	15.10	15.12	0.02	-0.11	13.32	Continue monthly gauging
8/23/23	9:21	15.19	15.19	0.00	-0.07	13.25	Quarterly Gauging/Sampling event (3rd Qtr.
9/14/23	12:40	14.88	14.89	0.01	0.30	13.55	Skimmers remain OOS
9/28/23	7:15	14.87	14.91	0.04	-0.02	13.53	Skimmers OOS, but will plan to resume
10/31/23	11:45	15.46	15.47	0.01	-0.56	12.97	Skimmer returned to service Oct. 5, 2023
11/28/23	12:09	15.60	15.61	0.01	-0.14	12.83	Continue monthly gauging, 4th Qtr Sampling
1/23/24	14:39	14.20	14.21	0.01	1.40	14.23	Continue monthly gauging
2/21/24	13:37	14.15	14.15	0.00	0.06	14.29	Heavy Sheen only, <0.01', 1st Quarter sampl
4/10/24	9:45	13.72	13.72	0.00	0.43	14.72	Heavy Sheen only, <0.01'
5/7/24	10:45	13.82	13.82	0.00	-0.10	14.62	Sheen only, no measurable LPH
5/21/24	9:50	14.06	14.06	0.00	-0.24	14.38	Sheen only, no measurable LPH, 2nd Qtr. Sa
6/20/24	11:00	14.34	14.34	0.00	-0.28	14.10	No LPH
7/9/24	13:45	14.56	14.56	0.00	-0.22	13.88	No LPH
8/6/24	13:07	14.42	14.42	0.00	0.14	14.02	No LPH
8/22/24	14:57	14.70	14.7	0.00	-0.28	13.74	No LPH, 3rd Qtr. Sampling event
9/19/24	12:30	14.70	14.76	0.06	-0.06	13.68	Skimmer to be restored to operation (9/25)
10/23/24	10:30	14.13	14.15	0.02	0.61	14.29	
11/26/24	12:00	15.28	15.3	0.02	-1.15	13.14	4th Qtr. Gauging event
12/19/24	12:00	15.33	15.34	0.01	-0.04	13.10	
1/14/25	11:30	15.26	15.38	0.12	-0.04	13.06	MW-1 skimmer pump was temp out of servi
2/25/25	12:05	14.75	14.78	0.03	0.60	13.66	1st Qtr. Gauging event
3/19/25	11:00	14.95	14.97	0.02	-0.19	13.47	
5/13/25	12:52	14.95	15.4	0.45	-0.43	13.04	2nd quarter gauging event. AC was OOS ten
6/24/25	13:15	14.16	14.98	0.82	0.42	13.46	Recovery tank hit full, recovery pump had sl
7/15/25	12:00	14.12	14.36	0.24	0.62	14.08	Air compressor was off
7/24/25	9:15	14.11	14.16	0.05	0.20	14.28	System operating
8/28/25	12:23	14.75	14.78	0.03	-0.62	13.66	3rd qtr gauging event
10/7/25	11:30	15.28	15.28 <0.01		-0.50	13.16	MW-1 skimmer not in use
11/20/25	12:45	15.55	15.55 <0.01		-0.27	12.89	MW-1 skimmer not in use
11/25/25	10:00	15.11	15.11	0.00	0.44	13.33	MW-1 skimmer not in use. 4th Qtr Gauging
12/22/25	12:50	15.41	15.42	0.01	-0.31	13.02	MW-1 skimmer still OOS
1/6/26	12:40	15.42	15.44	0.02	-0.02	13.00	Skimmer restored to service following AC re
1/20/26	12:20	15.40	15.41	0.01	0.03	13.03	Skimmer in Service 1/6/26
2/10/26	11:37	15.35	15.35	0.00	0.06	13.09	
3/4/26	9:00	14.39	14.4	0.01	0.95	14.04	Skimmer in Service

Bates Middle School- Monitoring Well Gauging Table

MW-2 Top of casing elevation, 28.17'

Date	Time	Depth to Liquid (ft.)	Depth to Water (ft.)	LPH thickness (ft.)	Δ GW Elev. (+/- ft.)	GW Elevation	Comment
11/6/19	12:43	15.02	15.54	0.52	0.26	12.63	Post EFR
2/19/20	7:47	14.16	14.41	0.25	1.13	13.76	
5/19/20	13:35	13.46	13.54	0.08	0.87	14.63	Genie skimmer pumps activated 4/29/20
7/30/20	10:35	13.94	13.98	0.04	-0.44	14.19	Gauged prior to 8/18/20 sampling.
11/18/20	8:30	13.07	13.10	0.03	0.88	15.07	
11/19/20	9:00	13.02	13.07	0.05	0.03	15.10	Genie skimmer pumps off for 24 hrs from 11
2/24/21	12:05	13.20	13.25	0.05	-0.18	14.92	
5/19/21	13:30	13.28	13.29	0.01	-0.04	14.88	
6/23/21	13:15	13.50	13.50	0.00	-0.21	14.67	Genie skimmer pumps removed today at 13
6/30/21	9:14	13.49	13.50	0.01	0.00	14.67	
7/7/21	9:32	13.51	13.55	0.04	-0.05	14.62	
7/14/21	11:50	13.54	13.58	0.04	-0.03	14.59	
7/27/21	10:48	13.64	13.71	0.07	-0.13	14.46	
8/11/21	13:28	13.72	13.79	0.07	-0.08	14.38	
8/24/21	13:35	13.76	13.82	0.06	-0.03	14.35	
9/8/21	10:40	13.69	13.71	0.02	0.11	14.46	
9/22/21	9:45	13.76	13.81	0.05	-0.10	14.36	
10/6/21	11:05	13.82	13.88	0.06	-0.07	14.29	
10/19/21	12:55	13.85	13.92	0.07	-0.04	14.25	
11/5/21	11:08	13.87	13.92	0.05	0.00	14.25	
11/16/21	9:02	13.95	14.03	0.08	-0.11	14.14	
12/1/21	15:16	13.96	14.19	0.23	-0.16	13.98	
12/15/21	13:26	13.96	14.26	0.30	-0.07	13.91	
12/29/21	11:59	13.97	14.28	0.31	-0.02	13.89	
1/12/22	16:01	13.91	14.41	0.50	-0.13	13.76	
1/25/22	12:05	13.76	14.2	0.44	0.21	13.97	*Week prior to Draw-Down Event
2/2/22	8:30	13.83	14.26	0.43	-0.06	13.91	*Morning prior to Draw Down Event
2/3/22	10:51	13.80	14.25	0.45	0.01	13.92	*Morning after Draw Down Event
2/4/22	6:12	14.82	14.99	0.17	-0.74	13.18	*Day after Draw Down Event
2/9/22	13:21	13.67	14.04	0.37	0.95	14.13	*Week after Draw Down Event
2/15/22	11:05	13.71	14.13	0.42	-0.09	14.04	*2 Weeks after Draw-Down Event
2/23/22	8:29	13.68	14.16	0.48	-0.03	14.01	*3 Weeks after Draw Down Event
4/13/22	11:10	13.48	13.5	0.02	0.66	14.67	QED skimmers re-activated on March 11, 20
5/25/22	14:30	13.52	13.53	0.01	-0.03	14.64	2nd quarter gauging event
6/30/22	10:37	13.85	13.85	0.00	-0.32	14.32	Monthly follow-up
7/20/22	7:15	13.69	13.7	0.01	0.15	14.47	Monthly follow-up
8/23/22	10:32	13.70	13.7	0.00	0.00	14.47	3rd qtr gauging event; LPH <0.01 only a head
9/21/22	11:15	13.90	13.9	0.00	-0.20	14.27	No measurable LPH; <0.01'. Skimmer de-act
9/29/22	8:05	13.88	13.91	0.03	-0.01	14.26	Water levels dropped slightly with minimal I
10/5/22	12:45	13.79	13.79	0.00	0.12	14.38	Water levels increased following rain with a
10/18/22	1:15	14.50	14.61	0.11	-0.82	13.56	~2 weeks following rain event, water level d
11/3/22	10:00	14.93	14.94	0.01	-0.33	13.23	Skimmer pumps back in service since 10/18,
11/21/22	9:00	13.95	13.96	0.01	0.98	14.21	Skimmer pumps removed per MDE approva
11/22/22	13:05	13.94	13.96	0.02	0.00	14.21	No skimmers operating, 4th Qtr gauging eve
12/1/22	9:30	13.93	14	0.07	-0.04	14.17	Weekly gauging, no skimmers
12/8/22	14:30	13.92	13.99	0.07	0.01	14.18	Weekly gauging, no skimmers
12/15/22	11:15	13.81	13.88	0.07	0.11	14.29	Weekly gauging, no skimmers
12/21/22	10:30	13.48	13.71	0.23	0.17	14.46	Weekly gauging, no skimmers
2/1/23	13:10	13.55	13.69	0.14	0.02	14.48	Monthly follow-up gauging, no skimmers
2/7/23	13:23	13.62	13.81	0.19	-0.12	14.36	Quarterly gauging/sampling event, 1st Qtr 2
2/15/23	9:48	13.62	13.81	0.19	0.00	14.36	
2/16/23	8:45	13.64	13.81	0.17	0.00	14.36	Skimmer pumps put back in service today, 2
3/22/23	9:30	13.75	13.76	0.01	0.05	14.41	Continue monthly gauging
4/26/23	13:45	13.86	13.88	0.02	-0.12	14.29	Continue monthly gauging. AC had been tur
5/24/23	11:50	13.79	13.8	0.01	0.08	14.37	Quarterly gauging/sampling event, 2nd Qtr :

6/21/23	2:10	13.93	13.94	0.01	-0.14	14.23	Continue monthly gauging
7/19/23	1:15	13.90	13.9	0.00	0.04	14.27	Continue monthly gauging
8/23/23	9:23	13.96	13.96	0.00	-0.06	14.21	Quarterly gauging/sampling event (3rd Qtr.
9/13/23	12:40	13.89	13.9	0.01	0.06	14.27	Skimmers remain OOS
9/28/23	7:15	13.89	14.49	0.60	-0.59	13.68	Skimmers OOS, but will plan to restore
10/31/23	11:45	14.19	14.2	0.01	0.29	13.97	Skimmers returned to service Oct. 5, 2023
11/28/23	12:11	14.39	14.4	0.01	-0.20	13.77	Continue monthly gauging, 4th Qtr. Samplin
1/23/24	14:39	13.47	13.49	0.02	0.91	14.68	Continue monthly gauging
2/21/24	13:37	13.5	13.5	0.00	-0.01	14.67	Heavy sheen only, <0.01'. 1st Qtr. Sampling
4/10/24	9:45	13.02	13.02	0.00	0.48	15.15	Heavy sheen only, <0.01'
5/7/24	10:45	13.26	13.26	0.00	-0.24	14.91	Sheen only, No measurable LPH.
5/21/24	9:55	13.38	13.38	0.00	-0.12	14.79	Sheen only, No measurable LPH. 2nd Qtr. Sa
6/20/24	11:05	13.72	13.72	0.00	-0.34	14.45	No LPH
7/9/24	13:45	13.74	13.74	0.00	-0.02	14.43	No LPH
8/6/24	13:07	13.88	13.88	0.00	-0.14	14.29	No LPH
8/22/24	14:56	13.87	13.87	0.00	0.01	14.30	No LPH, 3rd Qtr sampling event
9/19/24	12:30	13.93	13.95	0.02	-0.08	14.22	Skimmer to be restored to operation (9/25)
10/23/24	10:30	15.00	15.02	0.02	-1.07	13.15	
11/26/24	12:05	14.20	14.21	0.01	0.81	13.96	4th Qtr. Gauging event
12/19/24	12:00	14.25	14.26	0.01	-0.05	13.91	
1/14/25	11:30	14.28	14.3	0.02	-0.04	13.87	MW-2 skimmer pump was temp out of svc. I
2/25/25	12:10	13.91	13.94	0.03	0.36	14.23	1st Qtr. Gauging event
3/19/25	11:00	14.04	14.05	0.01	-0.11	14.12	
5/13/25	12:56	14.00	14.01	0.01	0.04	14.16	2nd quarter gauging event
6/24/25	13:15	13.60	13.61	0.01	0.40	14.56	
7/15/25	12:00	13.56	13.56	0.00	0.05	14.61	Air compressor was off
7/24/25	9:15	13.50	13.5	0.00	0.06	14.67	System operating
8/28/25	12:27	13.78	13.78	0.00	-0.28	14.39	3rd qtr gauging event; Recovery system disa
10/7/25	11:30	14.01	14.01	0.00	-0.23	14.16	
11/20/25	12:45	14.19	14.19	0.00	-0.18	13.98	
11/25/25	9:56	14.22	14.22	0.00	-0.03	13.95	4th Qtr. Gauging event
12/22/25	12:50	14.41	14.48	0.07	-0.26	13.69	Skimmer unit is OOS
1/6/26	12:40	14.09	14.56	0.47	-0.08	13.61	Skimmer restored to service following AC Re
1/20/26	12:20	14.20	14.21	0.01	0.35	13.96	Skimmer back service 1/6/26
2/10/26	11:37	14.21	14.3	0.09	-0.09	13.87	
3/4/26	10:31	13.70	13.7	0.00	0.60	14.47	Skimmer in service

Bates Middle+A1:H52 School- Monitoring Well Gauging Table

MW-3 Top of casing elevation, 28.15'

Date	Time	Depth to Liquid (ft.)	Depth to Water (ft.)	LPH thickness (ft.)	Δ GW Elev. (+/- ft.)	GW Elevation	Comment
8/6/19	12:35	14.00	14.92	0.92		13.23	
11/6/19	12:47	15.06	15.08	0.02	-0.16	13.07	Post EFR
2/18/20	11:56	14.10	14.10	0.00	0.98	14.05	
5/19/20	13:03	14.40	14.40	0.00	-0.30	13.75	
8/18/20	9:25	13.75	13.75	0.00	0.65	14.40	
11/18/20	12:02	13.50	13.50	0.00	0.25	14.65	
2/24/21	11:27	13.87	13.87	0.00	-0.37	14.28	
5/19/21	12:58	13.63	13.63	0.00	0.24	14.52	
6/23/19	13:45	13.83	13.83	0.00	-0.20	14.32	
6/30/21	9:10	13.89	13.89	0.00	-0.06	14.26	
7/7/21	9:25	13.91	13.91	0.00	-0.02	14.24	
7/14/21	11:28	13.95	13.95	0.00	-0.04	14.20	
7/27/21	10:20	14.04	14.04	0.00	-0.09	14.11	
8/11/21	13:04	14.11	14.11	0.00	-0.07	14.04	
8/24/21	11:54	14.21	14.21	0.00	-0.10	13.94	
9/8/21	10:21	14.03	14.03	0.00	0.18	14.12	
9/22/21	9:23	14.11	14.11	0.00	-0.08	14.04	
10/6/21	11:14	14.17	14.17	0.00	-0.06	13.98	
10/19/21	12:28	14.21	14.21	0.00	-0.04	13.94	
11/5/21	10:35	14.22	14.22	0.00	-0.01	13.93	
11/16/21	8:58	14.27	14.27	0.00	-0.05	13.88	
12/1/21	15:00	14.32	14.32	0.00	-0.05	13.83	
12/15/21	13:03	14.33	14.33	0.00	-0.01	13.82	
12/29/21	11:20	14.34	14.34	0.00	-0.01	13.81	
1/12/22	14:44	14.20	14.20	0.00	0.14	13.95	
1/25/22	14:30	14.19	14.19	0.00	0.01	13.96	*Week prior to Draw Down Event
2/2/22		14.25	14.25	0.00	-0.06	13.90	*Morning prior to Draw Down Event
2/3/22	10:30	14.15	14.15	0.00	0.10	14.00	*Morning after Draw Down Event
2/4/22	6:20	14.12	14.12	0.00	0.03	14.03	*Day after Draw Down Event
2/9/22	13:07	14.00	14.00	0.00	0.12	14.15	*Week after Draw Down Event
2/15/22	10:28	14.09	14.09	0.00	-0.09	14.06	*2 Weeks after Draw Down Event
2/23/22	8:00	14.06	14.06	0.00	0.03	14.09	*3 Weeks after Draw Down Event
4/13/22	11:41	13.68	13.68	0.00	0.38	14.47	
5/25/22	8:49	13.80	13.80	0.00	-0.12	14.35	2nd qtr sampling event
8/23/22	10:12	13.98	13.98	0.00	-0.18	14.17	3rd qtr samling event
11/22/22	10:03	14.18	14.18	0.00	-0.20	13.97	4th qtr sampling event
2/7/23	11:05	14.51	14.51	0.00	-0.33	13.64	1st qtr 2023 sampling event
5/24/23	9:45	14.05	14.05	0.00	0.46	14.10	2nd qtr sampling event
8/23/23	8:55	14.36	14.36	0.00	-0.31	13.79	3rd qtr samling event
11/28/23	9:46	14.51	14.51	0.00	-0.15	13.64	4th qtr sampling event
2/21/24	10:46	13.70	13.70	0.00	0.81	14.45	1st qtr 2024 sampling event
5/21/24	10:18	13.72	13.72	0.00	-0.02	14.43	2nd qtr sampling event
8/22/24	14:47	14.21	14.21	0.00	-0.49	13.94	3rd qtr samling event
11/26/24	11:50	14.45	14.45	0.00	-0.24	13.70	4th qtr sampling event
2/25/25	9:40	14.20	14.20	0.00	0.25	13.95	1st qtr. 2025 sampling event
5/13/25	12:28	14.29	14.29	0.00	-0.09	13.86	2nd qtr sampling event
8/27/25	10:08	14.15	14.15	0.00	0.14	14.00	3rd qtr sampling event
11/25/25	9:41	14.54	14.54	0.00	-0.39	13.61	4th qtr sampling event
12/22/25	12:50	14.49	14.49	0.00	0.05	13.66	
3/4/26	10:31	14.06	14.06	0.00	0.43	14.09	1st qtr sampling event

Bates Middle School- Monitoring Well Gauging Table

MW-8 Top of casing elevation, 27.15'

Date	Time	Depth to Liquid (ft.)	Depth to Water (ft.)	LPH thickness (ft.)	Δ GW Elev. (+/- ft.)	GW Elevation	Comment
8/6/19	12:12	16.20	16.20	0.00		10.95	
11/6/19	7:50	16.36	16.36	0.00	-0.16	10.79	
2/18/20	12:44	15.80	15.80	0.00	0.56	11.35	
5/19/20	12:16	15.85	15.85	0.00	-0.05	11.30	
8/18/20	12:22	15.83	15.83	0.00	0.02	11.32	
11/18/20	12:07	15.56	15.56	0.00	0.27	11.59	
2/24/21	11:32	15.03	15.03	0.00	0.53	12.12	
5/19/21	12:38	15.93	15.93	0.00	-0.90	11.22	
6/23/21	13:48	15.90	15.90	0.00	0.03	11.25	
6/30/21	8:55	15.97	15.97	0.00	-0.07	11.18	
7/7/21	8:56	15.93	15.93	0.00	0.04	11.22	
7/14/21	11:32	16.01	16.01	0.00	-0.08	11.14	
7/27/21	10:25	16.14	16.14	0.00	-0.13	11.01	
8/11/21	12:58	16.19	16.19	0.00	-0.05	10.96	
8/24/21	11:28	16.23	16.23	0.00	-0.04	10.92	
9/8/21	10:15	16.00	16.00	0.00	0.23	11.15	
9/22/21	9:14	16.17	16.17	0.00	-0.17	10.98	
10/6/21	11:32	16.19	16.19	0.00	-0.02	10.96	
10/19/21	12:25	16.24	16.24	0.00	-0.05	10.91	
11/5/21	10:29	16.04	16.04	0.00	0.20	11.11	
11/16/21	8:42	16.16	16.16	0.00	-0.12	10.99	
12/1/21	14:49	16.28	16.28	0.00	-0.12	10.87	
12/15/21	12:59	16.21	16.21	0.00	0.07	10.94	
12/29/21	11:15	16.25	16.25	0.00	-0.04	10.90	
1/12/22	14:48	15.75	15.75	0.00	0.50	11.40	
1/25/22	14:26	15.91	15.91	0.00	-0.16	11.24	*Week prior to Draw Down Event
2/2/22		15.89	15.89	0.00	0.02	11.26	*Morning prior to Draw Down Event
2/3/22	10:24	15.82	15.82	0.00	0.07	11.33	*Morning after Draw Down Event
2/4/22	6:30	15.67	15.67	0.00	0.15	11.48	*Day after Draw Down Event
2/9/22	12:55	15.58	15.58	0.00	0.09	11.57	*Week after Draw Down Event
2/15/22	10:22	15.81	15.81	0.00	-0.23	11.34	*2 Weeks after Draw Down Event
2/23/22	7:40	15.82	15.82	0.00	-0.01	11.33	*3 Weeks after Draw Down Event
4/13/22	11:43	15.45	15.45	0.00	0.37	11.70	
5/25/22	9:06	16.04	16.04	0.00	-0.59	11.11	2nd qtr samling event
8/23/22	10:18	16.20	16.20	0.00	-0.16	10.95	3rd qtr sampling event
11/22/22	9:24	16.11	16.11	0.00	0.09	11.04	4th qtr sampling event
2/7/23	11:15	16.10	16.10	0.00	0.01	11.05	1st qtr 2023 sampling event
5/24/23	9:15	16.16	16.16	0.00	-0.06	10.99	2nd qtr sampling event
8/23/23	8:46	16.54	16.54	0.00	-0.38	10.61	3rd qtr sampling event
11/28/23	9:30	16.46	16.46	0.00	0.08	10.69	4th qtr sampling event
2/21/24	12:04	15.89	15.89	0.00	0.57	11.26	1st qtr 2024 sampling event
5/21/24	10:14	15.83	15.83	0.00	0.06	11.32	2nd qtr. Sampling event
8/22/24	13:42	16.21	16.21	0.00	-0.38	10.94	3rd qtr sampling event
11/26/24	11:55	16.44	16.44	0.00	-0.23	10.71	4th qtr sampling event
2/25/25	9:34	15.90	15.90	0.00	0.54	11.25	1st qtr. 2025 sampling event
5/13/25	12:26	16.17	16.17	0.00	-0.27	10.98	2nd qtr. sampling event
8/27/25	10:16	16.19	16.19	0.00	-0.02	10.96	3rd qtr sampling event
11/25/25	9:52	16.52	16.52	0.00	-0.33	10.63	4th qtr sampling event
3/4/26	9:48	15.75	15.75	0.00	0.77	11.40	1st qtr sampling event

Bates Middle School- Monitoring Well Gauging Table

MDE-1 Top of casing elevation, 27.45'

Date	Time	Depth to Liquid (ft.)	Depth to Water (ft.)	LPH thickness (ft.)	Δ GW Elev. (+/- ft.)	GW Elevation	Comment
8/6/19	9:15	17.90	17.90	0.00		9.55	
11/6/19	11:45	17.89	17.89	0.00	0.01	9.56	
2/18/20	14:28	17.27	17.27	0.00	0.62	10.18	
5/19/20	11:09	17.39	17.39	0.00	-0.12	10.06	
8/18/20	12:05	17.28	17.28	0.00	0.11	10.17	
11/18/20	11:34	17.14	17.14	0.00	0.14	10.31	
2/24/21	11:38	16.56	16.56	0.00	0.58	10.89	
5/19/21	12:19	17.56	17.56	0.00	-1.00	9.89	
6/23/21	13:55	17.75	17.75	0.00	-0.19	9.70	
6/30/21	9:08	17.80	17.80	0.00	-0.05	9.65	
7/7/21	9:00	17.74	17.74	0.00	0.06	9.71	
7/14/21	11:36	17.85	17.85	0.00	-0.11	9.60	
7/27/21	10:30	17.99	17.99	0.00	-0.14	9.46	
8/11/21	12:49	18.07	18.07	0.00	-0.08	9.38	
8/24/21	10:56	17.96	17.96	0.00	0.11	9.49	
9/8/21	10:03	17.83	17.83	0.00	0.13	9.62	
9/22/21	9:01	18.02	18.02	0.00	-0.19	9.43	
10/6/21	11:24	18.04	18.04	0.00	-0.02	9.41	
10/19/21	12:16	18.09	18.09	0.00	-0.05	9.36	
11/5/21	10:19	17.84	17.84	0.00	0.25	9.61	
11/16/21	8:22	17.95	17.95	0.00	-0.11	9.50	
12/1/21	14:34	17.98	17.98	0.00	-0.03	9.47	
12/15/21	12:48	18.00	18.00	0.00	-0.02	9.45	
12/29/21	11:03	18.01	18.01	0.00	-0.01	9.44	
1/12/22	14:52	17.51	17.51	0.00	0.50	9.94	
1/25/22	14:18	17.54	17.54	0.00	-0.03	9.91	*Week prior to Draw Down Event
2/9/22	12:48	17.32	17.32	0.00	0.22	10.13	*Week after Draw Down Event
2/15/22	10:17	17.52	17.52	0.00	-0.20	9.93	*2 Weeks after Draw Down Event
2/23/22	7:08	17.59	17.59	0.00	-0.07	9.86	*3 weeks after Draw Down Event
4/13/22	11:46	18.21	18.21	0.00	-0.62	9.24	
5/25/22	8:34	17.55	17.55	0.00	0.66	9.90	2nd qtr. Sampling event
8/23/22	10:22	17.99	17.99	0.00	-0.44	9.46	3rd qtr sampling event
11/22/22	8:36	17.81	17.81	0.00	0.18	9.64	4th qtr sampling event
2/7/23	11:54	17.79	17.79	0.00	0.02	9.66	1st qtr sampling event
5/24/23	8:36	17.95	17.95	0.00	-0.16	9.50	2nd qtr. Sampling event
8/23/23	8:40	18.30	18.30	0.00	-0.35	9.15	3rd qtr sampling event
11/28/23	9:58	18.10	18.10	0.00	0.20	9.35	4th qtr sampling event
2/21/24	12:21	17.36	17.36	0.00	0.74	10.09	1st qtr 2024 sampling event
5/21/24	10:09	17.54	17.54	0.00	-0.18	9.91	2nd qtr. Sampling event
8/22/24	13:22	17.88	17.88	0.00	-0.34	9.57	3rd qtr sampling event
11/26/24	11:39	18.14	18.14	0.00	-0.26	9.31	4th qtr sampling event
2/25/25	9:05	17.50	17.50	0.00	0.64	9.95	1st qtr sampling event
5/13/25	12:20	17.91	17.91	0.00	-0.41	9.54	2nd qtr. Sampling event
8/27/25	10:13	17.96	17.96	0.00	-0.05	9.49	3rd qtr sampling event
11/25/25	9:18	18.15	18.15	0.00	-0.19	9.30	4th qtr sampling event
3/4/26	10:04	17.41	17.41	0.00	0.74	10.04	1st qtr sampling event

Bates Middle School- Monitoring Well Gauging Table

MDE-2 Top of casing elevation, 26.03'

Date	Time	Depth to Liquid (ft.)	Depth to Water (ft.)	LPH thickness (ft.)	Δ GW Elev. (+/- ft.)	GW Elevation	Comment
8/6/19	12:18	11.05	11.05	0.00		14.98	
11/6/19		11.26	11.26	0.00	-0.21	14.77	
2/18/20	10:31	10.75	10.75	0.00	0.51	15.28	
5/19/20	9:42	11.18	11.18	0.00	-0.43	14.85	
8/18/20	9:11	10.36	10.36	0.00	0.82	15.67	
11/18/20	9:50	10.76	10.76	0.00	-0.40	15.27	
2/24/21	9:27	10.50	10.50	0.00	0.26	15.53	
5/19/21	10:44	11.00	11.00	0.00	-0.50	15.03	
6/23/21	13:32	11.04	11.04	0.00	-0.04	14.99	
6/30/20	8:40	11.13	11.13	0.00	-0.09	14.90	
7/7/21	8:36	11.15	11.15	0.00	-0.02	14.88	
7/14/21	11:16	11.18	11.18	0.00	-0.03	14.85	
7/27/21	10:08	11.26	11.26	0.00	-0.08	14.77	
8/11/21	13:15	11.30	11.30	0.00	-0.04	14.73	
8/24/21	13:20	11.36	11.36	0.00	-0.06	14.67	
9/8/21	10:33	11.06	11.06	0.00	0.30	14.97	
9/22/21	9:34	11.29	11.29	0.00	-0.23	14.74	
10/6/21	11:43	11.33	11.33	0.00	-0.04	14.70	
10/19/21	12:43	11.37	11.37	0.00	-0.04	14.66	
11/5/21	10:57	11.30	11.30	0.00	0.07	14.73	
11/16/21	8:02	11.43	11.43	0.00	-0.13	14.60	
12/1/21	14:19	11.97	11.97	0.00	-0.54	14.06	
12/15/21	13:18	12.46	12.46	0.00	-0.49	13.57	
12/29/21	11:38	12.48	12.48	0.00	-0.02	13.55	
1/12/22	14:28	11.33	11.33	0.00	1.15	14.70	
1/25/22	14:39	11.29	11.29	0.00	0.04	14.74	*Week prior to Draw Down Event
2/9/22	13:12	11.20	11.20	0.00	0.09	14.83	*Week after Draw Down Event
2/15/22	10:50	11.27	11.27	0.00	-0.07	14.76	*2 Weeks after Draw Down Event
2/23/22	8:21	11.27	11.27	0.00	0.00	14.76	*3 Weeks after Draw Down Event
4/13/22	11:40	11.01	11.01	0.00	0.26	15.02	
5/25/22	8:15	11.11	11.11	0.00	-0.10	14.92	2nd qtr. Sampling event
8/23/22	10:00	11.16	11.16	0.00	-0.05	14.87	3rd qtr sampling event
11/22/22	9:42	11.38	11.38	0.00	-0.22	14.65	4th qtr sampling event
2/7/23	9:28	11.25	11.25	0.00	0.13	14.78	1st qtr 2023 sampling event
5/24/23	11:40	11.41	11.41	0.00	-0.16	14.62	2nd qtr. Sampling event
8/23/23	8:19	11.60	11.60	0.00	-0.19	14.43	3rd qtr sampling event
11/28/23	9:22	11.61	11.61	0.00	-0.01	14.42	4th qtr sampling event
2/21/24	10:41	11.05	11.05	0.00	0.56	14.98	1st qtr 2024 sampling event
5/21/24	10:35	11.10	11.10	0.00	-0.05	14.93	2nd qtr. Sampling event
8/22/24	14:08	11.37	11.37	0.00	-0.27	14.66	3rd qtr sampling event
11/26/24	11:45	11.65	11.65	0.00	-0.28	14.38	4th qtr sampling event
2/25/25	9:26	12.50	12.50	0.00	-0.85	13.53	1st qtr 2025 sampling event
5/13/25	12:31	11.54	11.54	0.00	0.96	14.49	2nd qtr. Sampling event
8/27/25	10:24	11.36	11.36	0.00	0.18	14.67	3rd qtr sampling event
11/25/25	9:33	11.69	11.69	0.00	-0.33	14.34	4th qtr sampling event
3/4/26	9:32	11.30	11.30	0.00	0.39	14.73	1st qtr sampling event

Bates Middle School- Monitoring Well Gauging Table

MDE-3 Top of casing elevation, 13.39'

Date	Time	Depth to Liquid (ft.)	Depth to Water (ft.)	LPH thickness (ft.)	Δ GW Elev. (+/- ft.)	GW Elevation	Comment
8/6/19	12:25	2.15	2.15	0.00		11.24	
11/6/19	8:56	2.15	2.15	0.00	0.00	11.24	
2/18/20	9:31	1.54	1.54	0.00	0.61	11.85	
5/19/20	8:31	1.61	1.61	0.00	-0.07	11.78	
8/18/20	8:55	1.40	1.40	0.00	0.21	11.99	
11/18/20	9:05	1.22	1.22	0.00	0.18	12.17	
2/24/21	8:55	0.75	0.75	0.00	0.47	12.64	
5/19/21	10:00	1.63	1.63	0.00	-0.88	11.76	
6/23/19	13:18	1.86	1.86	0.00	-0.23	11.53	
6/30/21	8:29	1.92	1.92	0.00	-0.06	11.47	
7/7/21	8:19	1.84	1.84	0.00	0.08	11.55	
7/14/21	11:08	1.95	1.95	0.00	-0.11	11.44	
7/27/21	9:58	2.10	2.10	0.00	-0.15	11.29	
8/11/21	13:21	2.15	2.15	0.00	-0.05	11.24	
8/24/21	13:15	2.12	2.12	0.00	0.03	11.27	
9/8/21	10:45	1.93	1.93	0.00	0.19	11.46	
9/22/21	9:42	2.13	2.13	0.00	-0.20	11.26	
10/6/21	11:51	2.10	2.10	0.00	0.03	11.29	
10/19/21	12:45	2.17	2.17	0.00	-0.07	11.22	
11/5/21	11:01	1.92	1.92	0.00	0.25	11.47	
11/16/21	7:32	2.05	2.05	0.00	-0.13	11.34	
12/1/21	14:04	2.19	2.19	0.00	-0.14	11.20	
12/15/21	13:22	2.15	2.15	0.00	0.04	11.24	
12/29/22	11:45	2.15	2.15	0.00	0.00	11.24	
1/12/22	14:18	1.61	1.61	0.00	0.54	11.78	
1/25/22	14:47	1.64	1.64	0.00	-0.03	11.75	*Week prior to Draw Down Event
2/9/22	13:17	1.36	1.36	0.00	0.28	12.03	*Week after Draw Down Event
2/15/22	10:54	1.68	1.68	0.00	-0.32	11.71	*2 Weeks after Draw Down Event
2/23/22	8:25	1.71	1.71	0.00	-0.03	11.68	*3 Weeks after Draw Down Event
4/13/22	11:32	1.30	1.30	0.00	0.41	12.09	
5/25/22	8:03	1.51	1.51	0.00	-0.21	11.88	2nd qtr. Sampling event
8/23/22	9:24	1.93	1.93	0.00	-0.42	11.46	3rd qtr sampling event
11/22/22	9:33	1.96	1.96	0.00	-0.03	11.43	4th qtr sampling event
2/7/23	8:55	1.55	1.55	0.00	0.41	11.84	1st qtr 2023 sampling event
5/24/23	10:38	2.12	2.12	0.00	-0.57	11.27	2nd qtr. Sampling event
8/23/23	8:25	2.47	2.47	0.00	-0.35	10.92	3rd qtr sampling event
11/28/23	9:11	2.30	2.30	0.00	0.17	11.09	4th qtr sampling event
2/21/24	10:27	1.58	1.58	0.00	0.72	11.81	1st qtr 2024 sampling event
5/21/24	10:40	1.85	1.85	0.00	-0.27	11.54	2nd qtr. Sampling event
8/22/24	14:15	2.36	2.36	0.00	-0.51	11.03	3rd qtr sampling event
11/26/24	11:47	2.46	2.46	0.00	-0.10	10.93	4th qtr sampling event
2/25/25	9:18	2.20	2.20	0.00	0.26	11.19	1st qtr 2025 sampling event
5/13/25	12:48	2.00	2.00	0.00	0.20	11.39	2nd qtr. Sampling event
8/27/25	10:20	2.26	2.26	0.00	-0.26	11.13	3rd qtr sampling event
11/25/25	9:25	2.44	2.44	0.00	-0.18	10.95	4th qtr sampling event
3/4/26	10:28	1.99	1.99	0.00	0.45	11.40	1st qtr sampling event

16 March 2026

Scott Alexander
Petroleum Management, Inc.
1030 East Patapsco Ave.
Baltimore, MD 21225
RE: Bates Middle School

Enclosed are the results of analyses for samples received by the laboratory on 03/05/26 14:04.

Maryland Spectral Services, Inc. is a TNI 2016 Standard accredited laboratory and as such, all analyses performed at Maryland Spectral Services included in this report are 2016 TNI certified except as indicated at the end of this report. Please visit our website at www.mdspectral.com for a complete listing of our TNI 2016 Standard accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Samantha Adrian
Staff Chemist

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Reported:
03/16/26 14:28

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MDE-1		6030528-01	Nonpotable Water	03/05/26 09:27	03/05/26 14:04
MDE-2		6030528-02	Nonpotable Water	03/05/26 09:45	03/05/26 14:04
MDE-3		6030528-03	Nonpotable Water	03/05/26 09:37	03/05/26 14:04
MW-3		6030528-04	Nonpotable Water	03/05/26 10:10	03/05/26 14:04
MW-8		6030528-05	Nonpotable Water	03/05/26 09:58	03/05/26 14:04



Samantha Adrian, Staff Chemist

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

MDE-1

6030528-01 (Nonpotable Water)

Sampled on: 03/05/26 09:27

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatiles Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 12:32	CZ
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	03/09/26	03/09/26 12:32	CZ
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Benzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Bromobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Bromochloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Bromodichloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Bromoform	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Bromomethane	ND		ug/L	5.0	5.0	1	03/09/26	03/09/26 12:32	CZ
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	03/09/26	03/09/26 12:32	CZ
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 12:32	CZ
n-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Carbon disulfide	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Chlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Chloroethane	ND		ug/L	5.0	3.0	1	03/09/26	03/09/26 12:32	CZ
Chloroform	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Chloromethane	ND		ug/L	5.0	5.0	1	03/09/26	03/09/26 12:32	CZ
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Dibromochloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Dibromomethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ



Samantha Adrian, Staff Chemist

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All analyses performed at Maryland Spectral Services included in the report are TNI certified except as indicated at the end of the report.

Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Reported:

03/16/26 14:28

MDE-1

6030528-01 (Nonpotable Water)

Sampled on: 03/05/26 09:27

Analyte	Result	Notes	Units	Reporting	Detection	Dilution	Prepared	Analyzed	Analyst	
				Limit (MRL)	Limit (LOD)					
Volatiles Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)										
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
Ethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
2-Hexanone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 12:32	CZ	
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 12:32	CZ	
Methylene chloride	ND		ug/L	10.0	5.0	1	03/09/26	03/09/26 12:32	CZ	
Naphthalene	ND		ug/L	2.0	2.0	1	03/09/26	03/09/26 12:32	CZ	
n-Propylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
Styrene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
Tetrachloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
Toluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
Trichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ	



Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Reported:

03/16/26 14:28

MDE-1

6030528-01 (Nonpotable Water)
Sampled on: 03/05/26 09:27

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Vinyl chloride	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
o-Xylene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:32	CZ
Surrogate: 1,2-Dichloroethane-d4			70-130	103 %	03/09/26		03/09/26 12:32		
Surrogate: Toluene-d8			75-120	99 %	03/09/26		03/09/26 12:32		
Surrogate: 4-Bromofluorobenzene			75-120	97 %	03/09/26		03/09/26 12:32		
Gasoline Range Organics by EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	ND		ug/L	100	45.0	1	03/06/26	03/06/26 15:01	CZ
Surrogate: a,a,a-Trifluorotoluene [FID]			85-115	107 %	03/06/26		03/06/26 15:01		
Diesel Range Organics by EPA 8015CD Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	50.0	D-35	ug/L	44.4	44.4	1	03/06/26	03/06/26 18:27	TS
Surrogate: o-Terphenyl			60-120	89 %	03/06/26		03/06/26 18:27		



Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

Reported:

03/16/26 14:28

MDE-2

6030528-02 (Nonpotable Water)

Sampled on: 03/05/26 09:45

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatiles Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 12:56	CZ
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	03/09/26	03/09/26 12:56	CZ
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Benzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Bromobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Bromochloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Bromodichloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Bromoform	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Bromomethane	ND		ug/L	5.0	5.0	1	03/09/26	03/09/26 12:56	CZ
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	03/09/26	03/09/26 12:56	CZ
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 12:56	CZ
n-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Carbon disulfide	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Chlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Chloroethane	ND		ug/L	5.0	3.0	1	03/09/26	03/09/26 12:56	CZ
Chloroform	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Chloromethane	ND		ug/L	5.0	5.0	1	03/09/26	03/09/26 12:56	CZ
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Dibromochloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Dibromomethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ



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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

MDE-2

6030528-02 (Nonpotable Water)

Sampled on: 03/05/26 09:45

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatiles Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Ethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
2-Hexanone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 12:56	CZ
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 12:56	CZ
Methylene chloride	ND		ug/L	10.0	5.0	1	03/09/26	03/09/26 12:56	CZ
Naphthalene	ND		ug/L	2.0	2.0	1	03/09/26	03/09/26 12:56	CZ
n-Propylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Styrene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Tetrachloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Toluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Trichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ

Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

MDE-2

6030528-02 (Nonpotable Water)

Sampled on: 03/05/26 09:45

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Vinyl chloride	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
o-Xylene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 12:56	CZ
Surrogate: 1,2-Dichloroethane-d4			70-130	100 %	03/09/26		03/09/26 12:56		
Surrogate: Toluene-d8			75-120	97 %	03/09/26		03/09/26 12:56		
Surrogate: 4-Bromofluorobenzene			75-120	98 %	03/09/26		03/09/26 12:56		
Gasoline Range Organics by EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	ND		ug/L	100	45.0	1	03/06/26	03/06/26 15:26	CZ
Surrogate: a,a,a-Trifluorotoluene [FID]			85-115	108 %	03/06/26		03/06/26 15:26		
Diesel Range Organics by EPA 8015CD Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	ND		ug/L	43.2	43.2	1	03/06/26	03/06/26 18:53	TS
Surrogate: o-Terphenyl			60-120	91 %	03/06/26		03/06/26 18:53		



Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

MDE-3

6030528-03 (Nonpotable Water)

Sampled on: 03/05/26 09:37

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatiles Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 13:20	CZ
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	03/09/26	03/09/26 13:20	CZ
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Benzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Bromobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Bromochloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Bromodichloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Bromoform	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Bromomethane	ND		ug/L	5.0	5.0	1	03/09/26	03/09/26 13:20	CZ
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	03/09/26	03/09/26 13:20	CZ
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 13:20	CZ
n-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Carbon disulfide	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Chlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Chloroethane	ND		ug/L	5.0	3.0	1	03/09/26	03/09/26 13:20	CZ
Chloroform	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Chloromethane	ND		ug/L	5.0	5.0	1	03/09/26	03/09/26 13:20	CZ
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Dibromochloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Dibromomethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ

Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

Reported:

03/16/26 14:28

MDE-3

6030528-03 (Nonpotable Water)

Sampled on: 03/05/26 09:37

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatiles Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Ethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
2-Hexanone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 13:20	CZ
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 13:20	CZ
Methylene chloride	ND		ug/L	10.0	5.0	1	03/09/26	03/09/26 13:20	CZ
Naphthalene	ND		ug/L	2.0	2.0	1	03/09/26	03/09/26 13:20	CZ
n-Propylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Styrene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Tetrachloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Toluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Trichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ



Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

MDE-3

6030528-03 (Nonpotable Water)

Sampled on: 03/05/26 09:37

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Vinyl chloride	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
o-Xylene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:20	CZ
Surrogate: 1,2-Dichloroethane-d4			70-130	101 %	03/09/26		03/09/26 13:20		
Surrogate: Toluene-d8			75-120	98 %	03/09/26		03/09/26 13:20		
Surrogate: 4-Bromofluorobenzene			75-120	96 %	03/09/26		03/09/26 13:20		
Gasoline Range Organics by EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	ND		ug/L	100	45.0	1	03/06/26	03/06/26 15:52	CZ
Surrogate: a,a,a-Trifluorotoluene [FID]			85-115	107 %	03/06/26		03/06/26 15:52		
Diesel Range Organics by EPA 8015CD Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	ND		ug/L	44.7	44.7	1	03/06/26	03/06/26 19:19	TS
Surrogate: o-Terphenyl			60-120	91 %	03/06/26		03/06/26 19:19		



Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

MW-3

6030528-04 (Nonpotable Water)

Sampled on: 03/05/26 10:10

Analyte	Result	Notes	Units	Reporting	Detection	Dilution	Prepared	Analyzed	Analyst
				Limit (MRL)	Limit (LOD)				
Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 13:44	CZ
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	03/09/26	03/09/26 13:44	CZ
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Benzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Bromobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Bromochloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Bromodichloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Bromoform	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Bromomethane	ND		ug/L	5.0	5.0	1	03/09/26	03/09/26 13:44	CZ
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	03/09/26	03/09/26 13:44	CZ
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 13:44	CZ
n-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Carbon disulfide	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Chlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Chloroethane	ND		ug/L	5.0	3.0	1	03/09/26	03/09/26 13:44	CZ
Chloroform	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Chloromethane	ND		ug/L	5.0	5.0	1	03/09/26	03/09/26 13:44	CZ
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Dibromochloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Dibromomethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ



Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Reported:

03/16/26 14:28

MW-3

6030528-04 (Nonpotable Water)

Sampled on: 03/05/26 10:10

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatiles Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Ethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
2-Hexanone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 13:44	CZ
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 13:44	CZ
Methylene chloride	ND		ug/L	10.0	5.0	1	03/09/26	03/09/26 13:44	CZ
Naphthalene	ND		ug/L	2.0	2.0	1	03/09/26	03/09/26 13:44	CZ
n-Propylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Styrene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Tetrachloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Toluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Trichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ



Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Reported:

03/16/26 14:28

MW-3

**6030528-04 (Nonpotable Water)
Sampled on: 03/05/26 10:10**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Vinyl chloride	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
o-Xylene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 13:44	CZ
Surrogate: 1,2-Dichloroethane-d4		70-130		103 %	03/09/26		03/09/26 13:44		
Surrogate: Toluene-d8		75-120		100 %	03/09/26		03/09/26 13:44		
Surrogate: 4-Bromofluorobenzene		75-120		98 %	03/09/26		03/09/26 13:44		
Gasoline Range Organics by EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	103		ug/L	100	45.0	1	03/06/26	03/06/26 16:17	CZ
Surrogate: a,a,a-Trifluorotoluene [FID]		85-115		110 %	03/06/26		03/06/26 16:17		
Diesel Range Organics by EPA 8015CD Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	2190		ug/L	43.5	43.5	1	03/06/26	03/06/26 19:44	TS
Surrogate: o-Terphenyl		60-120		94 %	03/06/26		03/06/26 19:44		



Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

Reported:

03/16/26 14:28

MW-8

6030528-05 (Nonpotable Water)

Sampled on: 03/05/26 09:58

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 14:08	CZ
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	03/09/26	03/09/26 14:08	CZ
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Benzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Bromobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Bromochloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Bromodichloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Bromoform	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Bromomethane	ND		ug/L	5.0	5.0	1	03/09/26	03/09/26 14:08	CZ
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	03/09/26	03/09/26 14:08	CZ
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 14:08	CZ
n-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Carbon disulfide	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Chlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Chloroethane	ND		ug/L	5.0	3.0	1	03/09/26	03/09/26 14:08	CZ
Chloroform	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Chloromethane	ND		ug/L	5.0	5.0	1	03/09/26	03/09/26 14:08	CZ
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Dibromochloromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Dibromomethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ

Samantha Adrian, Staff Chemist

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Reported:
03/16/26 14:28

MW-8

6030528-05 (Nonpotable Water)
Sampled on: 03/05/26 09:58

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatiles Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Ethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
2-Hexanone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 14:08	CZ
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	03/09/26	03/09/26 14:08	CZ
Methylene chloride	ND		ug/L	10.0	5.0	1	03/09/26	03/09/26 14:08	CZ
Naphthalene	ND		ug/L	2.0	2.0	1	03/09/26	03/09/26 14:08	CZ
n-Propylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Styrene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Tetrachloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Toluene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Trichloroethene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ



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Samantha Adrian, Staff Chemist

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Reported:
03/16/26 14:28

MW-8

6030528-05 (Nonpotable Water)
Sampled on: 03/05/26 09:58

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Vinyl chloride	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
o-Xylene	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	03/09/26	03/09/26 14:08	CZ
Surrogate: 1,2-Dichloroethane-d4		70-130		102 %			03/09/26	03/09/26 14:08	
Surrogate: Toluene-d8		75-120		99 %			03/09/26	03/09/26 14:08	
Surrogate: 4-Bromofluorobenzene		75-120		97 %			03/09/26	03/09/26 14:08	
Gasoline Range Organics by EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	ND		ug/L	100	45.0	1	03/06/26	03/06/26 16:43	CZ
Surrogate: a,a,a-Trifluorotoluene [FID]		85-115		107 %			03/06/26	03/06/26 16:43	
Diesel Range Organics by EPA 8015CD Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	53.2	D-36	ug/L	44.4	44.4	1	03/06/26	03/06/26 20:10	TS
Surrogate: o-Terphenyl		60-120		84 %			03/06/26	03/06/26 20:10	



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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

Reported:

03/16/26 14:28

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BJC0238 - GCMS-WATER-VOLATILES

Blank (BJC0238-BLK1)

Prepared & Analyzed: 03/09/26

Acetone	ND	10.0	ug/L							
tert-Amyl alcohol (TAA)	ND	20.0	ug/L							
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L							
Benzene	ND	2.0	ug/L							
Bromobenzene	ND	2.0	ug/L							
Bromochloromethane	ND	2.0	ug/L							
Bromodichloromethane	ND	2.0	ug/L							
Bromoform	ND	2.0	ug/L							
Bromomethane	ND	5.0	ug/L							
tert-Butanol (TBA)	ND	15.0	ug/L							
2-Butanone (MEK)	ND	10.0	ug/L							
n-Butylbenzene	ND	2.0	ug/L							
sec-Butylbenzene	ND	2.0	ug/L							
tert-Butylbenzene	ND	2.0	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Carbon tetrachloride	ND	2.0	ug/L							
Chlorobenzene	ND	2.0	ug/L							
Chloroethane	ND	5.0	ug/L							
Chloroform	ND	2.0	ug/L							
Chloromethane	ND	5.0	ug/L							
2-Chlorotoluene	ND	2.0	ug/L							
4-Chlorotoluene	ND	2.0	ug/L							
Dibromochloromethane	ND	2.0	ug/L							
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L							
1,2-Dibromoethane (EDB)	ND	2.0	ug/L							
Dibromomethane	ND	2.0	ug/L							
1,2-Dichlorobenzene	ND	2.0	ug/L							
1,3-Dichlorobenzene	ND	2.0	ug/L							
1,4-Dichlorobenzene	ND	2.0	ug/L							
Dichlorodifluoromethane	ND	2.0	ug/L							
1,1-Dichloroethane	ND	2.0	ug/L							
1,2-Dichloroethane	ND	2.0	ug/L							
1,1-Dichloroethene	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	2.0	ug/L							
trans-1,2-Dichloroethene	ND	2.0	ug/L							
Dichlorofluoromethane	ND	2.0	ug/L							
1,2-Dichloropropane	ND	2.0	ug/L							

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Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

Reported:

03/16/26 14:28

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BJC0238 - GCMS-WATER-VOLATILES

Blank (BJC0238-BLK1)

Prepared & Analyzed: 03/09/26

1,3-Dichloropropane	ND	2.0	ug/L							
2,2-Dichloropropane	ND	2.0	ug/L							
1,1-Dichloropropene	ND	2.0	ug/L							
cis-1,3-Dichloropropene	ND	2.0	ug/L							
trans-1,3-Dichloropropene	ND	2.0	ug/L							
Diisopropyl ether (DIPE)	ND	2.0	ug/L							
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L							
Ethylbenzene	ND	2.0	ug/L							
Hexachlorobutadiene	ND	2.0	ug/L							
2-Hexanone	ND	10.0	ug/L							
Isopropylbenzene (Cumene)	ND	2.0	ug/L							
4-Isopropyltoluene	ND	2.0	ug/L							
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L							
4-Methyl-2-pentanone	ND	10.0	ug/L							
Methylene chloride	ND	10.0	ug/L							
Naphthalene	ND	2.0	ug/L							
n-Propylbenzene	ND	2.0	ug/L							
Styrene	ND	2.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L							
Tetrachloroethene	ND	2.0	ug/L							
Toluene	ND	2.0	ug/L							
1,2,3-Trichlorobenzene	ND	2.0	ug/L							
1,2,4-Trichlorobenzene	ND	2.0	ug/L							
1,1,1-Trichloroethane	ND	2.0	ug/L							
1,1,2-Trichloroethane	ND	2.0	ug/L							
Trichloroethene	ND	2.0	ug/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	ug/L							
1,2,3-Trichloropropane	ND	2.0	ug/L							
1,2,4-Trimethylbenzene	ND	2.0	ug/L							
1,3,5-Trimethylbenzene	ND	2.0	ug/L							
Vinyl chloride	ND	2.0	ug/L							
o-Xylene	ND	2.0	ug/L							
m- & p-Xylenes	ND	2.0	ug/L							
Surrogate: 1,2-Dichloroethane-d4	49.92		ug/L	50.00		100	70-130			
Surrogate: Toluene-d8	49.51		ug/L	50.00		99	75-120			
Surrogate: 4-Bromofluorobenzene	48.97		ug/L	50.00		98	75-120			

Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BJC0238 - GCMS-WATER-VOLATILES										
LCS (BJC0238-BS1)										
Prepared & Analyzed: 03/09/26										
Acetone	9.3	10.0	ug/L	10.00		93	52-159			J
tert-Amyl alcohol (TAA)	25.8	20.0	ug/L	25.00		103	10-200			
tert-Amyl methyl ether (TAME)	5.1	2.0	ug/L	5.000		102	71-113			
Benzene	5.3	2.0	ug/L	5.000		105	84-117			
Bromobenzene	5.5	2.0	ug/L	5.000		110	78-115			
Bromochloromethane	5.2	2.0	ug/L	5.000		104	79-118			
Bromodichloromethane	5.2	2.0	ug/L	5.000		103	77-113			
Bromoform	4.5	2.0	ug/L	5.000		91	68-107			
Bromomethane	4.3	5.0	ug/L	5.000		86	50-162			J
tert-Butanol (TBA)	24.9	15.0	ug/L	25.00		100	10-200			
2-Butanone (MEK)	10.2	10.0	ug/L	10.00		102	53-137			
n-Butylbenzene	6.5	2.0	ug/L	5.000		131	72-134			
sec-Butylbenzene	6.2	2.0	ug/L	5.000		125	75-131			
tert-Butylbenzene	5.7	2.0	ug/L	5.000		114	75-122			
Carbon disulfide	5.4	2.0	ug/L	5.000		108	83-125			
Carbon tetrachloride	4.5	2.0	ug/L	5.000		89	82-115			
Chlorobenzene	5.4	2.0	ug/L	5.000		108	84-116			
Chloroethane	5.2	5.0	ug/L	5.000		105	64-143			
Chloroform	5.2	2.0	ug/L	5.000		103	81-118			
Chloromethane	4.6	5.0	ug/L	5.000		92	65-143			J
2-Chlorotoluene	5.2	2.0	ug/L	5.000		105	77-119			
4-Chlorotoluene	5.4	2.0	ug/L	5.000		109	78-121			
Dibromochloromethane	4.7	2.0	ug/L	5.000		94	74-109			
1,2-Dibromo-3-chloropropane	4.5	2.0	ug/L	5.000		90	67-121			
1,2-Dibromoethane (EDB)	5.1	2.0	ug/L	5.000		103	80-109			
Dibromomethane	5.3	2.0	ug/L	5.000		107	80-115			
1,2-Dichlorobenzene	5.6	2.0	ug/L	5.000		113	80-123			
1,3-Dichlorobenzene	5.8	2.0	ug/L	5.000		115	82-120			
1,4-Dichlorobenzene	5.8	2.0	ug/L	5.000		115	83-122			
Dichlorodifluoromethane	4.8	2.0	ug/L	5.000		95	61-144			
1,1-Dichloroethane	5.1	2.0	ug/L	5.000		103	81-118			
1,2-Dichloroethane	5.4	2.0	ug/L	5.000		108	78-119			
1,1-Dichloroethene	4.8	2.0	ug/L	5.000		96	81-121			
cis-1,2-Dichloroethene	5.3	2.0	ug/L	5.000		105	82-114			
trans-1,2-Dichloroethene	4.8	2.0	ug/L	5.000		97	82-118			
Dichlorofluoromethane	5.1	2.0	ug/L	5.000		103	76-130			
1,2-Dichloropropane	5.3	2.0	ug/L	5.000		106	79-116			



Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

Reported:

03/16/26 14:28

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BJC0238 - GCMS-WATER-VOLATILES

LCS (BJC0238-BS1)

Prepared & Analyzed: 03/09/26

1,3-Dichloropropane	5.0	2.0	ug/L	5.000		100	78-115			
2,2-Dichloropropane	4.9	2.0	ug/L	5.000		97	76-113			
1,1-Dichloropropene	5.0	2.0	ug/L	5.000		100	82-113			
cis-1,3-Dichloropropene	4.7	2.0	ug/L	5.000		94	76-107			
trans-1,3-Dichloropropene	4.8	2.0	ug/L	5.000		95	74-106			
Diisopropyl ether (DIPE)	5.2	2.0	ug/L	5.000		104	75-111			
Ethyl tert-butyl ether (ETBE)	4.9	2.0	ug/L	5.000		99	71-114			
Ethylbenzene	5.4	2.0	ug/L	5.000		108	79-121			
Hexachlorobutadiene	7.7	2.0	ug/L	5.000		154	70-156			
2-Hexanone	12.2	10.0	ug/L	10.00		122	66-127			
Isopropylbenzene (Cumene)	5.3	2.0	ug/L	5.000		106	63-127			
4-Isopropyltoluene	6.1	2.0	ug/L	5.000		121	71-130			
Methyl tert-butyl ether (MTBE)	4.9	2.0	ug/L	5.000		97	75-117			
4-Methyl-2-pentanone	9.2	10.0	ug/L	10.00		92	70-123			J
Methylene chloride	4.8	10.0	ug/L	5.000		95	74-143			J
Naphthalene	5.7	2.0	ug/L	5.000		113	66-136			
n-Propylbenzene	5.5	2.0	ug/L	5.000		111	78-128			
Styrene	5.0	2.0	ug/L	5.000		101	71-114			
1,1,1,2-Tetrachloroethane	4.9	2.0	ug/L	5.000		99	72-109			
1,1,2,2-Tetrachloroethane	5.3	2.0	ug/L	5.000		105	77-117			
Tetrachloroethene	5.3	2.0	ug/L	5.000		105	82-114			
Toluene	5.1	2.0	ug/L	5.000		103	83-114			
1,2,3-Trichlorobenzene	6.3	2.0	ug/L	5.000		127	69-140			
1,2,4-Trichlorobenzene	6.7	2.0	ug/L	5.000		134	73-132			S-98
1,1,1-Trichloroethane	4.8	2.0	ug/L	5.000		96	84-113			
1,1,2-Trichloroethane	5.0	2.0	ug/L	5.000		100	80-114			
Trichloroethene	5.2	2.0	ug/L	5.000		103	84-112			
Trichlorofluoromethane (Freon 11)	5.5	2.0	ug/L	5.000		111	72-135			
1,2,3-Trichloropropane	5.2	2.0	ug/L	5.000		104	72-115			
1,2,4-Trimethylbenzene	5.4	2.0	ug/L	5.000		107	72-124			
1,3,5-Trimethylbenzene	5.3	2.0	ug/L	5.000		107	75-121			
Vinyl chloride	4.7	2.0	ug/L	5.000		93	78-128			
o-Xylene	5.1	2.0	ug/L	5.000		102	74-114			
m- & p-Xylenes	10.6	2.0	ug/L	10.00		106	78-118			
Surrogate: 1,2-Dichloroethane-d4	49.78		ug/L	50.00		100	70-130			
Surrogate: Toluene-d8	49.54		ug/L	50.00		99	75-120			
Surrogate: 4-Bromofluorobenzene	49.52		ug/L	50.00		99	75-120			

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Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

Reported:

03/16/26 14:28

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BJC0238 - GCMS-WATER-VOLATILES

Duplicate (BJC0238-DUP1)

Source: 6030618-01

Prepared & Analyzed: 03/09/26

Acetone	ND	10.0	ug/L		ND				20	
tert-Amyl alcohol (TAA)	ND	20.0	ug/L		ND				20	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L		ND				20	
Benzene	ND	2.0	ug/L		ND				20	
Bromobenzene	ND	2.0	ug/L		ND				20	
Bromochloromethane	ND	2.0	ug/L		ND				20	
Bromodichloromethane	ND	2.0	ug/L		ND				20	
Bromoform	ND	2.0	ug/L		ND				20	
Bromomethane	ND	5.0	ug/L		ND				20	
tert-Butanol (TBA)	ND	15.0	ug/L		ND				20	
2-Butanone (MEK)	ND	10.0	ug/L		ND				20	
n-Butylbenzene	ND	2.0	ug/L		ND				20	
sec-Butylbenzene	ND	2.0	ug/L		ND				20	
tert-Butylbenzene	ND	2.0	ug/L		ND				20	
Carbon disulfide	ND	2.0	ug/L		ND				20	
Carbon tetrachloride	ND	2.0	ug/L		ND				20	
Chlorobenzene	ND	2.0	ug/L		ND				20	
Chloroethane	ND	5.0	ug/L		ND				20	
Chloroform	ND	2.0	ug/L		ND				20	
Chloromethane	ND	5.0	ug/L		ND				20	
2-Chlorotoluene	ND	2.0	ug/L		ND				20	
4-Chlorotoluene	ND	2.0	ug/L		ND				20	
Dibromochloromethane	ND	2.0	ug/L		ND				20	
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L		ND				20	
1,2-Dibromoethane (EDB)	ND	2.0	ug/L		ND				20	
Dibromomethane	ND	2.0	ug/L		ND				20	
1,2-Dichlorobenzene	ND	2.0	ug/L		ND				20	
1,3-Dichlorobenzene	ND	2.0	ug/L		ND				20	
1,4-Dichlorobenzene	ND	2.0	ug/L		ND				20	
Dichlorodifluoromethane	ND	2.0	ug/L		ND				20	
1,1-Dichloroethane	ND	2.0	ug/L		ND				20	
1,2-Dichloroethane	ND	2.0	ug/L		ND				20	
1,1-Dichloroethene	ND	2.0	ug/L		ND				20	
cis-1,2-Dichloroethene	ND	2.0	ug/L		ND				20	
trans-1,2-Dichloroethene	ND	2.0	ug/L		ND				20	
Dichlorofluoromethane	ND	2.0	ug/L		ND				20	
1,2-Dichloropropane	ND	2.0	ug/L		ND				20	

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Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

Reported:

03/16/26 14:28

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BJC0238 - GCMS-WATER-VOLATILES

Duplicate (BJC0238-DUP1)

Source: 6030618-01

Prepared & Analyzed: 03/09/26

1,3-Dichloropropane	ND	2.0	ug/L		ND				20	
2,2-Dichloropropane	ND	2.0	ug/L		ND				20	
1,1-Dichloropropene	ND	2.0	ug/L		ND				20	
cis-1,3-Dichloropropene	ND	2.0	ug/L		ND				20	
trans-1,3-Dichloropropene	ND	2.0	ug/L		ND				20	
Diisopropyl ether (DIPE)	ND	2.0	ug/L		ND				20	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L		ND				20	
Ethylbenzene	ND	2.0	ug/L		ND				20	
Hexachlorobutadiene	ND	2.0	ug/L		ND				20	
2-Hexanone	ND	10.0	ug/L		ND				20	
Isopropylbenzene (Cumene)	ND	2.0	ug/L		ND				20	
4-Isopropyltoluene	ND	2.0	ug/L		ND				20	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L		ND				20	
4-Methyl-2-pentanone	ND	10.0	ug/L		ND				20	
Methylene chloride	ND	10.0	ug/L		ND				20	
Naphthalene	ND	2.0	ug/L		ND				20	
n-Propylbenzene	ND	2.0	ug/L		ND				20	
Styrene	ND	2.0	ug/L		ND				20	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L		ND				20	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L		ND				20	
Tetrachloroethene	ND	2.0	ug/L		ND				20	
Toluene	ND	2.0	ug/L		ND				20	
1,2,3-Trichlorobenzene	ND	2.0	ug/L		ND				20	
1,2,4-Trichlorobenzene	ND	2.0	ug/L		ND				20	
1,1,1-Trichloroethane	ND	2.0	ug/L		ND				20	
1,1,2-Trichloroethane	ND	2.0	ug/L		ND				20	
Trichloroethene	ND	2.0	ug/L		ND				20	
Trichlorofluoromethane (Freon 11)	ND	2.0	ug/L		ND				20	
1,2,3-Trichloropropane	ND	2.0	ug/L		ND				20	
1,2,4-Trimethylbenzene	ND	2.0	ug/L		ND				20	
1,3,5-Trimethylbenzene	ND	2.0	ug/L		ND				20	
Vinyl chloride	ND	2.0	ug/L		ND				20	
o-Xylene	ND	2.0	ug/L		ND				20	
m- & p-Xylenes	ND	2.0	ug/L		ND				20	
Surrogate: 1,2-Dichloroethane-d4	50.51		ug/L	50.00		101	70-130			
Surrogate: Toluene-d8	50.02		ug/L	50.00		100	75-120			
Surrogate: 4-Bromofluorobenzene	49.03		ug/L	50.00		98	75-120			



Samantha Adrian, Staff Chemist

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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD

Project Manager: Scott Alexander

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BJC0238 - GCMS-WATER-VOLATILES

Matrix Spike (BJC0238-MS1)

Source: 6030618-02

Prepared & Analyzed: 03/09/26

Acetone	22.3	10.0	ug/L	20.00	4.0	91	10-200			
tert-Amyl alcohol (TAA)	75.0	20.0	ug/L	100.0	ND	75	13-196			
tert-Amyl methyl ether (TAME)	19.3	2.0	ug/L	20.00	ND	97	69-122			
Benzene	22.1	2.0	ug/L	20.00	ND	111	79-130			
Bromobenzene	21.2	2.0	ug/L	20.00	ND	106	75-121			
Bromochloromethane	21.0	2.0	ug/L	20.00	ND	105	75-123			
Bromodichloromethane	19.7	2.0	ug/L	20.00	ND	99	74-121			
Bromoform	16.6	2.0	ug/L	20.00	ND	83	68-116			
Bromomethane	12.6	5.0	ug/L	20.00	ND	63	19-150			
tert-Butanol (TBA)	76.8	15.0	ug/L	100.0	ND	77	11-200			
2-Butanone (MEK)	19.4	10.0	ug/L	20.00	ND	97	41-168			
n-Butylbenzene	22.3	2.0	ug/L	20.00	ND	111	66-133			
sec-Butylbenzene	22.8	2.0	ug/L	20.00	ND	114	75-132			
tert-Butylbenzene	21.9	2.0	ug/L	20.00	ND	109	76-127			
Carbon disulfide	21.2	2.0	ug/L	20.00	ND	106	78-129			
Carbon tetrachloride	19.6	2.0	ug/L	20.00	ND	98	78-125			
Chlorobenzene	22.0	2.0	ug/L	20.00	ND	110	79-122			
Chloroethane	22.1	5.0	ug/L	20.00	ND	110	59-147			
Chloroform	20.4	2.0	ug/L	20.00	ND	102	73-127			
Chloromethane	19.7	5.0	ug/L	20.00	ND	98	31-172			
2-Chlorotoluene	21.6	2.0	ug/L	20.00	ND	108	73-127			
4-Chlorotoluene	22.3	2.0	ug/L	20.00	ND	111	73-129			
Dibromochloromethane	20.1	2.0	ug/L	20.00	ND	100	73-118			
1,2-Dibromo-3-chloropropane	18.6	2.0	ug/L	20.00	ND	93	64-121			
1,2-Dibromoethane (EDB)	19.6	2.0	ug/L	20.00	ND	98	77-119			
Dibromomethane	20.1	2.0	ug/L	20.00	ND	101	74-120			
1,2-Dichlorobenzene	20.9	2.0	ug/L	20.00	ND	104	74-123			
1,3-Dichlorobenzene	21.3	2.0	ug/L	20.00	ND	106	72-124			
1,4-Dichlorobenzene	21.4	2.0	ug/L	20.00	ND	107	72-123			
Dichlorodifluoromethane	18.4	2.0	ug/L	20.00	ND	92	66-138			
1,1-Dichloroethane	21.1	2.0	ug/L	20.00	ND	106	75-129			
1,2-Dichloroethane	21.0	2.0	ug/L	20.00	ND	105	69-121			
1,1-Dichloroethene	21.6	2.0	ug/L	20.00	ND	108	81-129			
cis-1,2-Dichloroethene	20.9	2.0	ug/L	20.00	ND	104	75-126			
trans-1,2-Dichloroethene	20.9	2.0	ug/L	20.00	ND	105	79-125			
Dichlorofluoromethane	23.6	2.0	ug/L	20.00	ND	118	74-133			
1,2-Dichloropropane	20.4	2.0	ug/L	20.00	ND	102	74-127			



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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Reported:

03/16/26 14:28

Volatile Organics by EPA 8260D (GC/MS) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BJC0238 - GCMS-WATER-VOLATILES

Matrix Spike (BJC0238-MS1)

Source: 6030618-02

Prepared & Analyzed: 03/09/26

1,3-Dichloropropane	21.0	2.0	ug/L	20.00	ND	105	76-124			
2,2-Dichloropropane	20.1	2.0	ug/L	20.00	ND	101	60-118			
1,1-Dichloropropene	21.9	2.0	ug/L	20.00	ND	109	79-130			
cis-1,3-Dichloropropene	19.0	2.0	ug/L	20.00	ND	95	69-119			
trans-1,3-Dichloropropene	18.3	2.0	ug/L	20.00	ND	92	69-117			
Diisopropyl ether (DIPE)	19.1	2.0	ug/L	20.00	ND	96	75-122			
Ethyl tert-butyl ether (ETBE)	18.9	2.0	ug/L	20.00	ND	95	71-124			
Ethylbenzene	23.6	2.0	ug/L	20.00	ND	118	80-128			
Hexachlorobutadiene	20.4	2.0	ug/L	20.00	ND	102	48-127			
2-Hexanone	20.7	10.0	ug/L	20.00	ND	103	45-151			
Isopropylbenzene (Cumene)	22.1	2.0	ug/L	20.00	ND	110	78-131			
4-Isopropyltoluene	21.8	2.0	ug/L	20.00	ND	109	73-131			
Methyl tert-butyl ether (MTBE)	20.9	2.0	ug/L	20.00	ND	104	59-139			
4-Methyl-2-pentanone	18.0	10.0	ug/L	20.00	ND	90	61-132			
Methylene chloride	21.0	10.0	ug/L	20.00	ND	105	69-136			
Naphthalene	19.0	2.0	ug/L	20.00	ND	95	58-130			
n-Propylbenzene	22.6	2.0	ug/L	20.00	ND	113	76-134			
Styrene	21.4	2.0	ug/L	20.00	ND	107	64-135			
1,1,1,2-Tetrachloroethane	19.3	2.0	ug/L	20.00	ND	97	74-120			
1,1,2,2-Tetrachloroethane	20.2	2.0	ug/L	20.00	ND	101	72-125			
Tetrachloroethene	21.7	2.0	ug/L	20.00	ND	108	65-140			
Toluene	21.7	2.0	ug/L	20.00	ND	109	73-131			
1,2,3-Trichlorobenzene	18.9	2.0	ug/L	20.00	ND	94	62-124			
1,2,4-Trichlorobenzene	19.5	2.0	ug/L	20.00	ND	97	60-124			
1,1,1-Trichloroethane	21.1	2.0	ug/L	20.00	ND	105	80-125			
1,1,2-Trichloroethane	19.9	2.0	ug/L	20.00	ND	100	77-122			
Trichloroethene	21.3	2.0	ug/L	20.00	ND	107	77-127			
Trichlorofluoromethane (Freon 11)	22.8	2.0	ug/L	20.00	ND	114	71-139			
1,2,3-Trichloropropane	19.5	2.0	ug/L	20.00	ND	97	68-125			
1,2,4-Trimethylbenzene	22.2	2.0	ug/L	20.00	ND	111	75-131			
1,3,5-Trimethylbenzene	22.0	2.0	ug/L	20.00	ND	110	74-130			
Vinyl chloride	20.6	2.0	ug/L	20.00	ND	103	72-135			
o-Xylene	21.4	2.0	ug/L	20.00	ND	107	78-124			
m- & p-Xylenes	45.7	2.0	ug/L	40.00	ND	114	81-128			
Surrogate: 1,2-Dichloroethane-d4	50.67		ug/L	50.00		101	70-130			
Surrogate: Toluene-d8	50.48		ug/L	50.00		101	75-120			
Surrogate: 4-Bromofluorobenzene	50.33		ug/L	50.00		101	75-120			



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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Reported:
03/16/26 14:28

Gasoline Range Organics by EPA 8015C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BJC0200 - GC-WATER-VOLATILES										
Blank (BJC0200-BLK1)										
Prepared & Analyzed: 03/06/26										
Gasoline-Range Organics	ND	100	ug/L							
Surrogate: a,a,a-Trifluorotoluene [FID]	419		ug/L	400.0		105	85-115			
LCS (BJC0200-BS1)										
Prepared & Analyzed: 03/06/26										
Gasoline-Range Organics	482	100	ug/L	442.4		109	70-130			
Surrogate: a,a,a-Trifluorotoluene [FID]	427		ug/L	400.0		107	85-115			
Duplicate (BJC0200-DUP1)										
Source: 6030513-17										
Prepared & Analyzed: 03/06/26										
Gasoline-Range Organics	ND	100	ug/L		ND				20	
Surrogate: a,a,a-Trifluorotoluene [FID]	425		ug/L	400.0		106	85-115			
Matrix Spike (BJC0200-MS1)										
Source: 6030513-18										
Prepared & Analyzed: 03/06/26										
Gasoline-Range Organics	1090	100	ug/L	884.8	ND	124	70-130			
Surrogate: a,a,a-Trifluorotoluene [FID]	442		ug/L	400.0		111	85-115			



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Analytical Results

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Reported:
03/16/26 14:28

Diesel Range Organics by EPA 8015CD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BJC0199 - 3510-GC(Sep Funnel)										
Blank (BJC0199-BLK1)										
Prepared & Analyzed: 03/06/26										
Diesel-Range Organics (C10-C28)	ND	40.0	ug/L							
Surrogate: o-Terphenyl	44.8		ug/L	50.00		90	60-120			
LCS (BJC0199-BS1)										
Prepared & Analyzed: 03/06/26										
Diesel-Range Organics (C10-C28)	90.2	40.0	ug/L	100.0		90	33-154			
Surrogate: o-Terphenyl	45.4		ug/L	50.00		91	60-120			
Reference (BJC0199-SRM1)										
Prepared & Analyzed: 03/06/26										
Diesel-Range Organics (C10-C28)	ND	40.0	ug/L	100.0			0-200			
Surrogate: o-Terphenyl	47.1		ug/L	50.00		94	60-120			



Samantha Adrian, Staff Chemist

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Analytical Results

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Baltimore MD 21227
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www.mdspectral.com

Project: Bates Middle School

Project Number: 701 Chase St. Annapolis, MD
Project Manager: Scott Alexander

Reported:
03/16/26 14:28

Notes and Definitions

- S-98 Spike recovery of this analyte is outside established laboratory control limits. Sample results may exhibit a bias.
- J Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
- D-36 Sample does not display a pattern consistent with fuel contamination. Sample contained unknown extractable compounds which contributed to a positive result for the DRO.
- D-35 Sample does not display a pattern consistent with fuel contamination. Sample contained discrete peak(s) which contributed to a positive result for the TPH analysis.
- RE Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier.
- ND Analyte NOT DETECTED at or above the detection limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- %-Solids Percent Solids is a supportive test and as such does not require accreditation

If this report contains any samples analyzed for gasoline range organics (GRO) by EPA Method 8015C and no trip blank was shipped, stored, and received with the sample(s) as required by Section 3.1 of the EPA Method, the sample analysis contained in this report cannot exclude the possibility that any reportable GRO measurement was due to environmental contamination of the sample during shipping or storage.



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