REGION 2
NEW YORK, N.Y. 10007

January 7, 2026

VIA ELECTRONIC MAIL

Byram Township School District Board of Education
c/o Dr. Kurt Ceresnak, Superintendent
12 Mansfield Drive
Stanhope, NJ 07874

Re: October 27, 2025, Water Sampling Results

Dear Dr. Ceresnak:

The U.S. Environmental Protection Agency (EPA) collected groundwater samples from 6 discrete sampling intervals at the sentinel FLUTe well (MLS-15) located directly behind the Byram Lakes Elementary School on October 27, 2025. This sampling event was conducted due to prior concerns raised by the Byram Township School District Board of Education (BOE) in 2022 with respect to the nearby Mansfield Trail Dump Superfund site (Site) located between County Road 605 and Brookwood Road in Byram Township, New Jersey. The main contaminant of concern in the Site area groundwater is Trichloroethene (TCE). EPA installed the sentinel monitoring well, MLS-15, on the school property for monitoring any Site-related TCE contamination in 2024 and has been regularly sampling the school water supply wells and the school's drinking water since 2010.

Enclosed you will find a summary of the October 27, 2025, sampling results. Volatile Organic Compounds (VOCs) results can be found in Table 1; 1,4-Dioxane results can be found in Table 2. The results for the samples collected from MLS-15, are compared to the New Jersey Department of Environmental Protection (NJDEP) Groundwater Quality Standards (GWQS).

Sampling results shown in Tables 1 and 2 indicate that TCE was not detected in MLS-15 and only 2 sampling intervals detected 1,4-Dioxane [MLS-15-P5 (0.246 µg/) and MLS-15-P6 (0.264 µg/L)]. However, these samples did not exceed the New Jersey GWQS of 0.4 µg/L for 1,4-Dioxane in the sample intervals. Tetrachloroethene (PCE) was detected in 2 sampling intervals in MLS-15-P2 (0.3 ug/L) and MLS-15-P3 (0.26 ug/L) however, these samples did not exceed the New Jersey GWQS of 0.4 ug/L. Benzene was also detected in 5 sampling intervals in MLS-15 where concentrations slightly exceeded the New Jersey groundwater quality standard of 0.45 ug/L. Acetone and Toluene were detected in several samples at MLS-15, however all detections were below the NJ GWQSs. Please note that Benzene, Acetone and Toluene are not Site related contaminants and Acetone and Toluene are common laboratory contaminants. EPA will continue sampling well MLS-15 to ensure no Site related contamination is found in the vicinity of the school.

EPA understands and shares the school board's priority to provide safe drinking water to their staff,

parents, and students. EPA will reach out to the Byram Elementary and Intermediate School staff if there is a need for any future sampling at the school.

We appreciate your continued cooperation on this matter.

If you have any questions or need further information, please contact me at (212) 637-3868.

Sincerely,

BRENT GAYLORD

Digitally signed by BRENT GAYLORD
Date: 2026.01.07 09:12:01 -05'00'

Brent Gaylord
Remedial Project Manager, USEPA
Northern New Jersey Remediation Branch

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Table 1: Validated Analytical Results Summary Table for VOCs, SVOCs
MLS-15-P1-R2, MLS-15-P2-R2, MLS-15-P3-R2, MLS-15-P4-R2, MLS-15-P5-R2 & MLS-15-P6-R2
Byram, New Jersey
October 27, 2025

Sample Location		MLS-15-P1-R2		MLS-15-P2-R2		MLS-15-P3-R2		MLS-15-P4-R2		MLS-15-P5-R2		MLS-15-P6-R2		Groundwater Quality Standards (µg/L)*
Sample Date		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		
Compound	Unit	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Ethylbenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NL
Styrene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	100
cis-1,3-Dichloropropene	µg/L	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.45
trans-1,3-Dichloropropene	µg/L	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.45
1,4-Dichlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	15
1,2-Dibromoethane	µg/L	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.03
1,2-Dichloroethane	µg/L	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.3
4-Methyl-2-pentanone	µg/L	5	U	5	U	5	U	5	U	5	U	5	U	NL
1,3,5-Trimethylbenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NL
Methylcyclohexane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NL
Toluene	µg/L	0.5	U	0.5	U	9.83		48.1		153		99.7		600

Chlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	50
Cyclohexane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NL
1,2,4-Trichlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.1
Dibromochloromethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.78
Tetrachloroethene	µg/L	0.25	U	0.3		0.26		0.25	U	0.25	U	0.25	U	0.4
cis-1,2-Dichloroethene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	11
trans-1,2-Dichloroethene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	100
Methyl tert-butyl ether	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	70
m, p-Xylene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1000
1,3-Dichlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5
Carbon tetrachloride	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1
2-Hexanone	µg/L	5	U	5	U	5	U	5	U	5	U	5	U	40
Acetone	µg/L	5	U	5	U	8.99		10.2		6.97		5	U	6,000
Chloroform	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	70
Benzene	µg/L	0.25	U	0.25	U	**0.71**		**0.73**		**0.73**		**0.72**		0.45
1,1,1-Trichloroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1900
Bromomethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10
Chloromethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NL
Bromochloromethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NL
Chloroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5
Vinyl chloride	µg/L	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.035
Methylene chloride	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6
Carbon disulfide	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	700
Bromoform	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	7.4
Bromodichloromethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.98
1,1-Dichloroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	22
1,1-Dichloroethene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	31
Trichlorofluoromethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2,000
Dichlorodifluoromethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1,000

1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20,000
1,2-Dichloropropane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.92
2-Butanone	µg/L	5	U	5	U	5	U	5	U	5	U	5	U	4300
1,1,2-Trichloroethane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.58
Trichloroethene	µg/L	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.28
Methyl acetate	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	7,000
1,1,2,2-Tetrachloroethane	µg/L	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.2
1,2,3-Trichlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NL
o-Xylene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1000
1,2-Dichlorobenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	210
1,2,4-Trimethylbenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	100
1,2-Dibromo-3-chloropropane	µg/L	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.02
1, 2, 3-Trichloropropane	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.005
Isopropylbenzene	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	700

Notes:
Samples collected at MLS-15 (P1, P2, P3, P4, P5 & P6) were collected via the "Sampling Guidelines for Water FLUTe™ systems installed after May 2009". There were a total of six (6) discrete sample intervals within MLS-15 (Ports 1 through 6).

Qualifier (Q) Key:
EFF – effluent
INF – influent
NL – not listed
µg/L - micrograms per liter
U – not detected
J – estimated
K - The identification of the analyte is acceptable; the reported value may be biased high.
L - The identification of the analyte is acceptable; the reported value may be biased low.
NJ - There is presumptive evidence that the analyte is present, the analyte is reported as a tentative identification, the
reported value is an estimate.
B - Analyte is present in associated laboratory and/or field blank.
PQL – Practical Quantitation Level or The PQL represents the lowest concentration of a constituent that can be reliably achieved among laboratories within specified limits of precision and accuracy during routine laboratory operating conditions (i.e., the lowest quantifiable concentration).
*Groundwater quality criteria and PQLs are expressed as micrograms per liter (ug/L) unless otherwise noted. The criteria are all maximum values unless clearly indicated as a range for which the minimum value is to the left and the maximum value is to the right.

Table 2: Validated Analytical Results Summary Table – 1,4-Dioxane
MLS-15-P1-R2, MLS-15-P2-R2, MLS-15-P3-R2, MLS-15-P4-R2, MLS-15-P5-R2 & MLS-15-P6-R2
Byram, New Jersey
October 27, 2025

Sample Location		MLS-15-P1-R2		MLS-15-P2-R2		MLS-15-P3-R2		MLS-15-P4-R2		MLS-15-P5-R2		MLS-15-P6-R2		NJDEP Higher PQL and Class IIA Groundwater Quality Standards (µg/L)*
Sample Date		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		10/27/2025		
1,4-Dioxane	µg/L	0.189	U	0.189	U	0.19	U	0.19	U	0.246		0.264	L	0.4

Qualifier (Q)Key:
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Enclosure:
cc: P. Signore, NJDEP