2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP02SW — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: MANOR TOWNSHIP

Sampling Point: Latitude: 39 o 57 ' 27.9 " — Longitude: 76 o 27 ' 1.58 "

Depth to Water Level: 15.7 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: ___ ft — Elevation of Water Level: 494.2 ft./MSL

Sampling Depth: 18 ft — Volume of Water Column: ___ gal

Total Well Depth: 25 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.2

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/4/2026 — Sample Collection Time: 9:34

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457334001 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP02SW
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	22	SM20-2320B
CALCIUM, TOTAL	19.2	SW846 6010B
CALCIUM, DISSOLVED	23.1	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	91.7	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	56 ND	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	7.4	SW846 6010B
MAGNESIUM, DISSOLVED	13.2	SW846 6010B
MANGANESE, TOTAL (ug/l)	11	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	8.1	SW846 6010B
NITRATE-NITROGEN	10.8	EPA 300
pH-FIELD (SU)	5.58	FIELD
pH-LAB (SU)	7.56	SM20-4500B
POTASSIUM, TOTAL	4	SW846 6010B
POTASSIUM, DISSOLVED	6.8	SW846 6010B
SODIUM, TOTAL	59.3	SW846 6010B
SODIUM, DISSOLVED	51.6	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	5766	FIELD
SPEC. COND., LAB (umhos/cm)	505	EPA 120.1
SULFATE	46.1	EPA 300
ALKALINITY	22	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	282	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	1.5	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.85	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP02SW
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP02SW
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	77	SW846 6010B
BARIUM, DISSOLVED	65	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	9.6	SW846 6010B
ZINC, DISSOLVED	6.6	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP02SW
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP02SW
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	5.6 ND	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP02SW
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
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FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

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General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP02DW — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: MANOR TOWNSHIP

Sampling Point: Latitude: 39 o 57 ' 27.74 " — Longitude: 76 o 27 ' 1.49 "

Depth to Water Level: 37.86 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: ___ ft — Elevation of Water Level: 471.74 ft./MSL

Sampling Depth: 120 ft — Volume of Water Column: ___ gal

Total Well Depth: 152 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.0

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/4/2026 — Sample Collection Time: 10:01

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457334002 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP02DW
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	125	SM20-2320B
CALCIUM, TOTAL	96.2	SW846 6010B
CALCIUM, DISSOLVED	98.3	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	285	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	120	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	17.6	SW846 6010B
MAGNESIUM, DISSOLVED	18	SW846 6010B
MANGANESE, TOTAL (ug/l)	16	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	14	SW846 6010B
NITRATE-NITROGEN	6	EPA 300
pH-FIELD (SU)	7.43	FIELD
pH-LAB (SU)	8.21	SM20-4500B
POTASSIUM, TOTAL	1.4	SW846 6010B
POTASSIUM, DISSOLVED	5.1	SW846 6010B
SODIUM, TOTAL	118	SW846 6010B
SODIUM, DISSOLVED	117	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	1244	FIELD
SPEC. COND., LAB (umhos/cm)	1290	EPA 120.1
SULFATE	44.9	EPA 300
ALKALINITY	125	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	750	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.88	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	1.4	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP02DW
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP02DW
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	150	SW846 6010B
BARIUM, DISSOLVED	150	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	5.6 ND	SW846 6010B
ZINC, DISSOLVED	5.6 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP02DW
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP02DW
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	7.4	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP02DW
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
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General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP002W — X Well ___ Spring ___ Stream ___ Other

X Upgradient/Upstream ___ Downgradient/Downstream

Location (County): Lancaster County — Municipality: Manor Township

Sampling Point: Latitude: 39 o 57 ' 32.25 " — Longitude: 76 o 27 ' 24.03 "

Depth to Water Level: 59.7 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.60 ft — Elevation of Water Level: 553.5 ft./MSL

Sampling Depth: 85 ft — Volume of Water Column: 161.40 gal

Total Well Depth: 169.6 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.1

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/4/2026 — Sample Collection Time: 11:05

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457334003 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP002W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	5 ND	SM20-2320B
CALCIUM, TOTAL	15.2	SW846 6010B
CALCIUM, DISSOLVED	18.4	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	18.1	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	56 ND	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	7.1	SW846 6010B
MAGNESIUM, DISSOLVED	7.5	SW846 6010B
MANGANESE, TOTAL (ug/l)	220	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	210	SW846 6010B
NITRATE-NITROGEN	15.7	EPA 300
pH-FIELD (SU)	4.52	FIELD
pH-LAB (SU)	5.85	SM20-4500B
POTASSIUM, TOTAL	1.2	SW846 6010B
POTASSIUM, DISSOLVED	1.5	SW846 6010B
SODIUM, TOTAL	13.8	SW846 6010B
SODIUM, DISSOLVED	16.9	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	247	FIELD
SPEC. COND., LAB (umhos/cm)	247	EPA 120.1
SULFATE	23	EPA 300
ALKALINITY	5 ND	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	165	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.57	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	1.9	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP002W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP002W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	49	SW846 6010B
BARIUM, DISSOLVED	53	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	37	SW846 6010B
COPPER, DISSOLVED	35	SW846 6010B
LEAD-FLAMELESS, TOTAL	17	SW846 6010B
LEAD, DISSOLVED	16	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	86	SW846 6010B
ZINC, DISSOLVED	83	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP002W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP002W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	30	SW846 6010B
NICKEL	80	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP002W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP031W — X Well ___ Spring ___ Stream ___ Other

X Upgradient/Upstream ___ Downgradient/Downstream

Location (County): Lancaster County — Municipality: MANOR TOWNSHIP

Sampling Point: Latitude: 39 o 57 ' 31.2 " — Longitude: 76 o 27 ' 23.53 "

Depth to Water Level: 65.28 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.38 ft — Elevation of Water Level: 547.38 ft./MSL

Sampling Depth: 130 ft — Volume of Water Column: 109.74 gal

Total Well Depth: 140 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.1

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/4/2026 — Sample Collection Time: 12:48

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457334004 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP031W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	107	SM20-2320B
CALCIUM, TOTAL	61.7	SW846 6010B
CALCIUM, DISSOLVED	63.3	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	24.1	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	87	SW846 6010B
IRON, DISSOLVED (ug/l)	95	SW846 6010B
MAGNESIUM, TOTAL	4.3	SW846 6010B
MAGNESIUM, DISSOLVED	4.3	SW846 6010B
MANGANESE, TOTAL (ug/l)	370	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	370	SW846 6010B
NITRATE-NITROGEN	0.94	EPA 300
pH-FIELD (SU)	4.46	FIELD
pH-LAB (SU)	8.31	SM20-4500B
POTASSIUM, TOTAL	1.5	SW846 6010B
POTASSIUM, DISSOLVED	1.5	SW846 6010B
SODIUM, TOTAL	8.9	SW846 6010B
SODIUM, DISSOLVED	8.5	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	399	FIELD
SPEC. COND., LAB (umhos/cm)	416	EPA 120.1
SULFATE	55	EPA 300
ALKALINITY	124	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	226	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.5 ND	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	1.2	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP031W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP031W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	85	SW846 6010B
BARIUM, DISSOLVED	85	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	5.6 ND	SW846 6010B
ZINC, DISSOLVED	5.6 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP031W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP031W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	5.6 ND	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP031W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP032W — X Well ___ Spring ___ Stream ___ Other

X Upgradient/Upstream ___ Downgradient/Downstream

Location (County): Lancaster County — Municipality: MANOR TOWNSHIP

Sampling Point: Latitude: 39 o 57 ' 33.45 " — Longitude: 76 o 27 ' 17.71 "

Depth to Water Level: 50.62 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.06 ft — Elevation of Water Level: 543.47 ft./MSL

Sampling Depth: 62 ft — Volume of Water Column: 35.81 gal

Total Well Depth: 75 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.1

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/4/2026 — Sample Collection Time: 13:16

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457334006 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP032W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.33	SM20-4500D
BICARBONATE ALKALINITY	61	SM20-2320B
CALCIUM, TOTAL	19.1	SW846 6010B
CALCIUM, DISSOLVED	20.5	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	48.1	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	8600	SW846 6010B
IRON, DISSOLVED (ug/l)	8100	SW846 6010B
MAGNESIUM, TOTAL	7.8	SW846 6010B
MAGNESIUM, DISSOLVED	8	SW846 6010B
MANGANESE, TOTAL (ug/l)	980	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	970	SW846 6010B
NITRATE-NITROGEN	0.054	EPA 300
pH-FIELD (SU)	7.23	FIELD
pH-LAB (SU)	8.1	SM20-4500B
POTASSIUM, TOTAL	1.5	SW846 6010B
POTASSIUM, DISSOLVED	1.6	SW846 6010B
SODIUM, TOTAL	14.9	SW846 6010B
SODIUM, DISSOLVED	14.7	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	257	FIELD
SPEC. COND., LAB (umhos/cm)	260	EPA 120.1
SULFATE	0.66	EPA 300
ALKALINITY	61	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	256	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.55	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.85	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP032W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP032W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	5.6 ND	SW846 6010B
BARIUM, DISSOLVED	5.6 ND	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	5.6 ND	SW846 6010B
ZINC, DISSOLVED	5.6 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP032W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP032W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	5.6 ND	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP032W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP015W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: Manor Township

Sampling Point: Latitude: 39 o 57 ' 36.43 " — Longitude: 76 o 27 ' 10.82 "

Depth to Water Level: 64.38 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.90 ft — Elevation of Water Level: 512.02 ft./MSL

Sampling Depth: 135 ft — Volume of Water Column: 124.13 gal

Total Well Depth: 148.9 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.0

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/4/2026 — Sample Collection Time: 13:58

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457334007 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP015W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	40	SM20-2320B
CALCIUM, TOTAL	24.1	SW846 6010B
CALCIUM, DISSOLVED	24.9	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	31.7	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	56 ND	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	16.9	SW846 6010B
MAGNESIUM, DISSOLVED	16.5	SW846 6010B
MANGANESE, TOTAL (ug/l)	5.6 ND	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	26	SW846 6010B
NITRATE-NITROGEN	18.5	EPA 300
pH-FIELD (SU)	6	FIELD
pH-LAB (SU)	7.75	SM20-4500B
POTASSIUM, TOTAL	1.8	SW846 6010B
POTASSIUM, DISSOLVED	1.8	SW846 6010B
SODIUM, TOTAL	17.1	SW846 6010B
SODIUM, DISSOLVED	16.2	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	1 ND	FIELD
SPEC. COND., LAB (umhos/cm)	380	EPA 120.1
SULFATE	30	EPA 300
ALKALINITY	40	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	218	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	1.4	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	1.1	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP015W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP015W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	37	SW846 6010B
BARIUM, DISSOLVED	37	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	14	SW846 6010B
ZINC, DISSOLVED	13	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP015W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP015W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	5.6 ND	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP015W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP036W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: MANOR TOWNSHIP

Sampling Point: Latitude: 39 o 57 ' 16.03 " — Longitude: 76 o 26 ' 57.28 "

Depth to Water Level: 46.26 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.91 ft — Elevation of Water Level: 431.97 ft./MSL

Sampling Depth: 135 ft — Volume of Water Column: 137.67 gal

Total Well Depth: 140 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.0

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/4/2026 — Sample Collection Time: 15:23

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457334008 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP036W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.31	SM20-4500D
BICARBONATE ALKALINITY	42	SM20-2320B
CALCIUM, TOTAL	77	SW846 6010B
CALCIUM, DISSOLVED	78	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	55.7	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	1900	SW846 6010B
IRON, DISSOLVED (ug/l)	1300	SW846 6010B
MAGNESIUM, TOTAL	8.9	SW846 6010B
MAGNESIUM, DISSOLVED	8.5	SW846 6010B
MANGANESE, TOTAL (ug/l)	240	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	260	SW846 6010B
NITRATE-NITROGEN	0.05 ND	EPA 300
pH-FIELD (SU)	7.55	FIELD
pH-LAB (SU)	8.43	SM20-4500B
POTASSIUM, TOTAL	1.2	SW846 6010B
POTASSIUM, DISSOLVED	1.2	SW846 6010B
SODIUM, TOTAL	21.2	SW846 6010B
SODIUM, DISSOLVED	19.2	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	567	FIELD
SPEC. COND., LAB (umhos/cm)	591	EPA 120.1
SULFATE	64.9	EPA 300
ALKALINITY	167	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	314	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.73	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	25	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP036W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP036W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	170	SW846 6010B
BARIUM, DISSOLVED	160	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	5.6 ND	SW846 6010B
ZINC, DISSOLVED	5.6 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP036W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP036W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	5.6 ND	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP036W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP035W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: MANOR TOWNSHIP

Sampling Point: Latitude: 39 o 57 ' 15.95 " — Longitude: 76 o 26 ' 57.26 "

Depth to Water Level: 43.18 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.45 ft — Elevation of Water Level: 434.38 ft./MSL

Sampling Depth: 65 ft — Volume of Water Column: 39.39 gal

Total Well Depth: 70 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.1

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/4/2026 — Sample Collection Time: 16:22

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457334009 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP035W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	134	SM20-2320B
CALCIUM, TOTAL	88.3	SW846 6010B
CALCIUM, DISSOLVED	89.9	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	156	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	62	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	16	SW846 6010B
MAGNESIUM, DISSOLVED	16.5	SW846 6010B
MANGANESE, TOTAL (ug/l)	85	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	83	SW846 6010B
NITRATE-NITROGEN	7.2	EPA 300
pH-FIELD (SU)	6.45	FIELD
pH-LAB (SU)	8.11	SM20-4500B
POTASSIUM, TOTAL	2.5	SW846 6010B
POTASSIUM, DISSOLVED	2.5	SW846 6010B
SODIUM, TOTAL	47.3	SW846 6010B
SODIUM, DISSOLVED	43.8	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	853	FIELD
SPEC. COND., LAB (umhos/cm)	892	EPA 120.1
SULFATE	47.6	EPA 300
ALKALINITY	134	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	554	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	1	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	2.1	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP035W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP035W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	110	SW846 6010B
BARIUM, DISSOLVED	100	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	3.4	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	19	SW846 6010B
ZINC, DISSOLVED	19	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP035W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP035W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	29	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP035W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP033W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: MANOR TOWNSHIP

Sampling Point: Latitude: 39 o 57 ' 31.09 " — Longitude: 76 o 27 ' 4.98 "

Depth to Water Level: 19.97 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 0.49 ft — Elevation of Water Level: 496.55 ft./MSL

Sampling Depth: 79 ft — Volume of Water Column: 111.66 gal

Total Well Depth: 96 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 1.8

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/4/2026 — Sample Collection Time: 15:59

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457334010 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP033W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	23	SM20-2320B
CALCIUM, TOTAL	34.2	SW846 6010B
CALCIUM, DISSOLVED	35.4	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	97.7	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	5800	SW846 6010B
IRON, DISSOLVED (ug/l)	1400	SW846 6010B
MAGNESIUM, TOTAL	14	SW846 6010B
MAGNESIUM, DISSOLVED	14.7	SW846 6010B
MANGANESE, TOTAL (ug/l)	120	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	120	SW846 6010B
NITRATE-NITROGEN	11.7	EPA 300
pH-FIELD (SU)	5.48	FIELD
pH-LAB (SU)	7.42	SM20-4500B
POTASSIUM, TOTAL	1.9	SW846 6010B
POTASSIUM, DISSOLVED	1.9	SW846 6010B
SODIUM, TOTAL	21	SW846 6010B
SODIUM, DISSOLVED	20.2	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	464	FIELD
SPEC. COND., LAB (umhos/cm)	473	EPA 120.1
SULFATE	13.7	EPA 300
ALKALINITY	23	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	312	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.5 ND	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	50	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP033W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP033W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	73	SW846 6010B
BARIUM, DISSOLVED	73	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	6.8	SW846 6010B
ZINC, DISSOLVED	5.6 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP033W
Sample Date	5/4/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP033W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	5.6 ND	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP033W
Sample Date	5/4/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

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General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP039W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: MANOR TOWNSHIP

Sampling Point: Latitude: 39 o 57 ' 10.38 " — Longitude: 76 o 27 ' 2.83 "

Depth to Water Level: 22.21 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.04 ft — Elevation of Water Level: 433.25 ft./MSL

Sampling Depth: 118 ft — Volume of Water Column: 158.31 gal

Total Well Depth: 130 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.0

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/5/2026 — Sample Collection Time: 9:56

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457426001 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP039W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	44	SM20-2320B
CALCIUM, TOTAL	65.8	SW846 6010B
CALCIUM, DISSOLVED	68.7	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	101	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	1900	SW846 6010B
IRON, DISSOLVED (ug/l)	930	SW846 6010B
MAGNESIUM, TOTAL	6.4	SW846 6010B
MAGNESIUM, DISSOLVED	6.5	SW846 6010B
MANGANESE, TOTAL (ug/l)	68	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	67	SW846 6010B
NITRATE-NITROGEN	0.05 ND	EPA 300
pH-FIELD (SU)	8.08	FIELD
pH-LAB (SU)	7.68	SM20-4500B
POTASSIUM, TOTAL	0.99	SW846 6010B
POTASSIUM, DISSOLVED	0.97	SW846 6010B
SODIUM, TOTAL	12.8	SW846 6010B
SODIUM, DISSOLVED	12.4	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	480	FIELD
SPEC. COND., LAB (umhos/cm)	523	EPA 120.1
SULFATE	14.2	EPA 300
ALKALINITY	44	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	342	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.5 ND	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	22	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP039W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP039W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	120	SW846 6010B
BARIUM, DISSOLVED	120	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	5.6 ND	SW846 6010B
ZINC, DISSOLVED	5.6 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP039W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP039W
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	5.6 ND	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP039W
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP038W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: MANOR TOWNSHIP

Sampling Point: Latitude: 39 o 57 ' 10.18 " — Longitude: 76 o 27 ' 2.2 "

Depth to Water Level: 16.45 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.15 ft — Elevation of Water Level: 437.59 ft./MSL

Sampling Depth: 45 ft — Volume of Water Column: 49.27 gal

Total Well Depth: 50 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.2

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/5/2026 — Sample Collection Time: 10:50

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457426002 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP038W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.28	SM20-4500D
BICARBONATE ALKALINITY	80	SM20-2320B
CALCIUM, TOTAL	78.8	SW846 6010B
CALCIUM, DISSOLVED	81	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	301	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	4100	SW846 6010B
IRON, DISSOLVED (ug/l)	3300	SW846 6010B
MAGNESIUM, TOTAL	31.3	SW846 6010B
MAGNESIUM, DISSOLVED	31.7	SW846 6010B
MANGANESE, TOTAL (ug/l)	990	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	1000	SW846 6010B
NITRATE-NITROGEN	2.5	EPA 300
pH-FIELD (SU)	5.62	FIELD
pH-LAB (SU)	8.27	SM20-4500B
POTASSIUM, TOTAL	6.9	SW846 6010B
POTASSIUM, DISSOLVED	6.9	SW846 6010B
SODIUM, TOTAL	90.1	SW846 6010B
SODIUM, DISSOLVED	85.9	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	1188	FIELD
SPEC. COND., LAB (umhos/cm)	1250	EPA 120.1
SULFATE	49.2	EPA 300
ALKALINITY	82	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	692	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	1.2	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	20	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP038W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP038W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	100	SW846 6010B
BARIUM, DISSOLVED	100	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	8.3	SW846 6010B
ZINC, DISSOLVED	6.9	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP038W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP038W
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	7	SW846 6010B
NICKEL	8.1	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP038W
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP26RW — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: Manor Township

Sampling Point: Latitude: 39 o 57 ' 11.03 " — Longitude: 76 o 27 ' 20.3 "

Depth to Water Level: 74.82 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 3.30 ft — Elevation of Water Level: 472.58 ft./MSL

Sampling Depth: 105 ft — Volume of Water Column: 57.54 gal

Total Well Depth: 114 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.1

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/5/2026 — Sample Collection Time: 12:03

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457426005 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP26RW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	60	SM20-2320B
CALCIUM, TOTAL	80.7	SW846 6010B
CALCIUM, DISSOLVED	83.1	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	231	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	56 ND	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	21.8	SW846 6010B
MAGNESIUM, DISSOLVED	22.1	SW846 6010B
MANGANESE, TOTAL (ug/l)	680	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	700	SW846 6010B
NITRATE-NITROGEN	2.3	EPA 300
pH-FIELD (SU)	5.6	FIELD
pH-LAB (SU)	7.82	SM20-4500B
POTASSIUM, TOTAL	9.6	SW846 6010B
POTASSIUM, DISSOLVED	9.6	SW846 6010B
SODIUM, TOTAL	76	SW846 6010B
SODIUM, DISSOLVED	72.7	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	927	FIELD
SPEC. COND., LAB (umhos/cm)	1070	EPA 120.1
SULFATE	89.3	EPA 300
ALKALINITY	60	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	610	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	1.9	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.3 ND	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP26RW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP26RW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	110	SW846 6010B
BARIUM, DISSOLVED	110	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	9.1	SW846 6010B
ZINC, DISSOLVED	9.1	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP26RW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP26RW
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	14	SW846 6010B
NICKEL	5.6 ND	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP26RW
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP005W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: Manor Township

Sampling Point: Latitude: 39 o 57 ' 10.67 " — Longitude: 76 o 27 ' 21.3 "

Depth to Water Level: 65.25 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.70 ft — Elevation of Water Level: 472.15 ft./MSL

Sampling Depth: 135 ft — Volume of Water Column: 124.47 gal

Total Well Depth: 150 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.0

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/5/2026 — Sample Collection Time: 12:53

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457426006 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP005W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	65	SM20-2320B
CALCIUM, TOTAL	76.1	SW846 6010B
CALCIUM, DISSOLVED	80.4	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	197	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	56 ND	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	21.1	SW846 6010B
MAGNESIUM, DISSOLVED	21.4	SW846 6010B
MANGANESE, TOTAL (ug/l)	150	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	150	SW846 6010B
NITRATE-NITROGEN	2.2	EPA 300
pH-FIELD (SU)	5.3	FIELD
pH-LAB (SU)	7.94	SM20-4500B
POTASSIUM, TOTAL	3.7	SW846 6010B
POTASSIUM, DISSOLVED	3.6	SW846 6010B
SODIUM, TOTAL	62.1	SW846 6010B
SODIUM, DISSOLVED	62.3	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	924	FIELD
SPEC. COND., LAB (umhos/cm)	977	EPA 120.1
SULFATE	85.2	EPA 300
ALKALINITY	65	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	584	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	1.8	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	1.2	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP005W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP005W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	51	SW846 6010B
BARIUM, DISSOLVED	51	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	7.1	SW846 6010B
ZINC, DISSOLVED	5.6 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP005W
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP005W
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	5.6 ND	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP005W
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP30RW — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: Manor Township

Sampling Point: Latitude: 39 o 57 ' 15.52 " — Longitude: 76 o 27 ' 26.8 "

Depth to Water Level: 35.04 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.20 ft — Elevation of Water Level: 527.26 ft./MSL

Sampling Depth: 85 ft — Volume of Water Column: 80.72 gal

Total Well Depth: 90 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.0

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/5/2026 — Sample Collection Time: 14:03

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457426007 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP30RW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	64	SM20-2320B
CALCIUM, TOTAL	81	SW846 6010B
CALCIUM, DISSOLVED	85.4	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	397	EPA 300
FLUORIDE	0.5 ND	EPA 300
IRON, TOTAL (ug/l)	96	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	24.5	SW846 6010B
MAGNESIUM, DISSOLVED	25	SW846 6010B
MANGANESE, TOTAL (ug/l)	3800	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	3900	SW846 6010B
NITRATE-NITROGEN	3.5	EPA 300
pH-FIELD (SU)	5.42	FIELD
pH-LAB (SU)	7.9	SM20-4500B
POTASSIUM, TOTAL	12.5	SW846 6010B
POTASSIUM, DISSOLVED	13.6	SW846 6010B
SODIUM, TOTAL	178	SW846 6010B
SODIUM, DISSOLVED	185	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	1589	FIELD
SPEC. COND., LAB (umhos/cm)	1650	EPA 120.1
SULFATE	99.5	EPA 300
ALKALINITY	64	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	924	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	1.3	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	1.4	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP30RW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP30RW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	130	SW846 6010B
BARIUM, DISSOLVED	130	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	16	SW846 6010B
ZINC, DISSOLVED	17	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP30RW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP30RW
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	23	SW846 6010B
NICKEL	41	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP30RW
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP04AW — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: Manor Township

Sampling Point: Latitude: 39 o 57 ' 15.4 " — Longitude: 76 o 27 ' 26.58 "

Depth to Water Level: 34.82 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.52 ft — Elevation of Water Level: 525.9 ft./MSL

Sampling Depth: 146 ft — Volume of Water Column: 391.69 gal

Total Well Depth: 301.52 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.0

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/5/2026 — Sample Collection Time: 13:38

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457426008 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP04AW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	75	SM20-2320B
CALCIUM, TOTAL	139	SW846 6010B
CALCIUM, DISSOLVED	146	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	320	EPA 300
FLUORIDE	0.5 ND	EPA 300
IRON, TOTAL (ug/l)	140	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	27.6	SW846 6010B
MAGNESIUM, DISSOLVED	27.9	SW846 6010B
MANGANESE, TOTAL (ug/l)	570	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	590	SW846 6010B
NITRATE-NITROGEN	0.36	EPA 300
pH-FIELD (SU)	7.07	FIELD
pH-LAB (SU)	8.32	SM20-4500B
POTASSIUM, TOTAL	2.9	SW846 6010B
POTASSIUM, DISSOLVED	3	SW846 6010B
SODIUM, TOTAL	96.1	SW846 6010B
SODIUM, DISSOLVED	92.1	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	1329	FIELD
SPEC. COND., LAB (umhos/cm)	1510	EPA 120.1
SULFATE	60	EPA 300
ALKALINITY	187	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	914	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.88	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.85	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP04AW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP04AW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	180	SW846 6010B
BARIUM, DISSOLVED	180	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	5.6 ND	SW846 6010B
ZINC, DISSOLVED	5.6 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP04AW
Sample Date	5/5/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP04AW
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	13	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP04AW
Sample Date	5/5/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (DO MM' SS.S")

Monitoring Point Number: FFMP034W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: ___

Sampling Point: Latitude: ___ o ___ ' ___ " — Longitude: ___ o ___ ' ___ "

Depth to Water Level: 10.12 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: ___ ft — Elevation of Water Level: 462.76 ft./MSL

Sampling Depth: 25.85 ft — Volume of Water Column: ___ gal

Total Well Depth: 121 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 1.3

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/6/2026 — Sample Collection Time: 10:35

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457523001 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments: ___

I.D. No	101389
Monitoring Point No.	FFMP034W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	35	SM20-2320B
CALCIUM, TOTAL	47.7	SW846 6010B
CALCIUM, DISSOLVED	50.1	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	146	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	3500	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	20.7	SW846 6010B
MAGNESIUM, DISSOLVED	20.5	SW846 6010B
MANGANESE, TOTAL (ug/l)	62	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	63	SW846 6010B
NITRATE-NITROGEN	11.3	EPA 300
pH-FIELD (SU)	4.39	FIELD
pH-LAB (SU)	7.32	SM20-4500B
POTASSIUM, TOTAL	2.8	SW846 6010B
POTASSIUM, DISSOLVED	2.7	SW846 6010B
SODIUM, TOTAL	43.6	SW846 6010B
SODIUM, DISSOLVED	42.6	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	682	FIELD
SPEC. COND., LAB (umhos/cm)	728	EPA 120.1
SULFATE	30.9	EPA 300
ALKALINITY	35	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	470	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.86	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	23	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP034W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP034W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	53	SW846 6010B
BARIUM, DISSOLVED	50	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	3.7	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	5.6 ND	SW846 6010B
ZINC, DISSOLVED	5.6 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP034W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP034W
Sample Date	5/6/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	5.6 ND	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP034W
Sample Date	5/6/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP029W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: Manor Township

Sampling Point: Latitude: 39 o 57 ' 12.93 " — Longitude: 76 o 27 ' 0.67 "

Depth to Water Level: 41.08 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.00 ft — Elevation of Water Level: 436.22 ft./MSL

Sampling Depth: 55 ft — Volume of Water Column: 25.58 gal

Total Well Depth: 58.5 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 1.9

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/6/2026 — Sample Collection Time: 11:10

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457523002 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP029W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	11	SM20-2320B
CALCIUM, TOTAL	10.8	SW846 6010B
CALCIUM, DISSOLVED	11.3	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	58.5	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	56 ND	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	9.1	SW846 6010B
MAGNESIUM, DISSOLVED	9.1	SW846 6010B
MANGANESE, TOTAL (ug/l)	13	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	13	SW846 6010B
NITRATE-NITROGEN	3.4	EPA 300
pH-FIELD (SU)	5.27	FIELD
pH-LAB (SU)	6.94	SM20-4500B
POTASSIUM, TOTAL	1.8	SW846 6010B
POTASSIUM, DISSOLVED	1.8	SW846 6010B
SODIUM, TOTAL	15.4	SW846 6010B
SODIUM, DISSOLVED	15.5	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	248	FIELD
SPEC. COND., LAB (umhos/cm)	248	EPA 120.1
SULFATE	1.4	EPA 300
ALKALINITY	11	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	185	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.5 ND	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	1	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP029W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP029W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	63	SW846 6010B
BARIUM, DISSOLVED	63	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	5.6 ND	SW846 6010B
ZINC, DISSOLVED	5.6 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP029W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP029W
Sample Date	5/6/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	5.6 ND	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP029W
Sample Date	5/6/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 19, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP017W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: Manor Township

Sampling Point: Latitude: 39 o 57 ' 8.5 " — Longitude: 76 o 27 ' 6.17 "

Depth to Water Level: 42.1 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.00 ft — Elevation of Water Level: 438.60 ft./MSL

Sampling Depth: 135 ft — Volume of Water Column: 159.20 gal

Total Well Depth: 150.5 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 1.4

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/6/2026 — Sample Collection Time: 14:02

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3457523003 — Final Lab Analysis CompletionDate: 5/20/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP017W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.44	SM20-4500D
BICARBONATE ALKALINITY	106	SM20-2320B
CALCIUM, TOTAL	200	SW846 6010B
CALCIUM, DISSOLVED	206	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	21	EPA 410.4
CHLORIDE	811	EPA 300
FLUORIDE	0.5 ND	EPA 300
IRON, TOTAL (ug/l)	56 ND	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	66.2	SW846 6010B
MAGNESIUM, DISSOLVED	63.1	SW846 6010B
MANGANESE, TOTAL (ug/l)	5300	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	5400	SW846 6010B
NITRATE-NITROGEN	1	EPA 300
pH-FIELD (SU)	6.35	FIELD
pH-LAB (SU)	7.79	SM20-4500B
POTASSIUM, TOTAL	22.9	SW846 6010B
POTASSIUM, DISSOLVED	23.8	SW846 6010B
SODIUM, TOTAL	266	SW846 6010B
SODIUM, DISSOLVED	263	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	3035	FIELD
SPEC. COND., LAB (umhos/cm)	3110	EPA 120.1
SULFATE	144	EPA 300
ALKALINITY	106	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	1870	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	4.5	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	1.3	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP017W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP017W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	160	SW846 6010B
BARIUM, DISSOLVED	160	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	5.6 ND	SW846 6010B
COPPER, DISSOLVED	5.6 ND	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	11	SW846 6010B
ZINC, DISSOLVED	10	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP017W
Sample Date	5/6/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP017W
Sample Date	5/6/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	120	SW846 6010B
NICKEL	20	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP017W
Sample Date	5/6/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
07/07/2026
DEP USE ONLY
Date Received

FORM 19
MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

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General Reference: Section 273.284
Federal Regulations, Subtitle D: 258.54 and Appendix I to Part 258.

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Frey Farm Landfill

Facitlity ID (as issued by DEP): 101389

SECTION B. FACILITY INFORMATION

Monitoring Wells must be designed and constructed in accordance with Department Standards. INDICATE THE LATITUDE AND LONGITUDE TO THE NEAREST ONE TENTH OF A SECOND (Do MM' SS.S")

Monitoring Point Number: FFMP03AW — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: Manor Township

Sampling Point: Latitude: 39 o 57 ' 24.05 " — Longitude: 76 o 27 ' 30.58 "

Depth to Water Level: 53.3 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.20 ft — Elevation of Water Level: 537.60 ft./MSL

Sampling Depth: 130 ft — Volume of Water Column: 137.91 gal

Total Well Depth: 147.2 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: ___

Sample Field Filtered (must be 0.45 micron)?: X Yes ___ No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 5/21/2026 — Sample Collection Time: 11:56

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis: ALS Environmental

Were any holding times exceeded?: ___ Yes X No If yes, please explain in comments field.

Lab Accreditation Number(s): 22-293

Lab Sample Number(s): 3458943001 — Final Lab Analysis CompletionDate: 6/3/2026

Name/Affiliation of Person who Filled Out Form: Daniel A. Brown

Comments:

I.D. No	101389
Monitoring Point No.	FFMP03AW
Sample Date	5/21/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

ANALYTES

1-Q. Inorganics (Enter all data in mg/l except as noted)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
AMMONIA-NITROGEN	0.1 ND	SM20-4500D
BICARBONATE ALKALINITY	15	SM20-2320B
CALCIUM, TOTAL	21.2	SW846 6010B
CALCIUM, DISSOLVED	21.1	SW846 6010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	64.3	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	56 ND	SW846 6010B
IRON, DISSOLVED (ug/l)	56 ND	SW846 6010B
MAGNESIUM, TOTAL	18.8	SW846 6010B
MAGNESIUM, DISSOLVED	18.9	SW846 6010B
MANGANESE, TOTAL (ug/l)	230	SW846 6010B
MANGANESE, DISSOLVED (ug/l)	230	SW846 6010B
NITRATE-NITROGEN	19	EPA 300
pH-FIELD (SU)	4.98	FIELD
pH-LAB (SU)	7.55	SM20-4500B
POTASSIUM, TOTAL	1.7	SW846 6010B
POTASSIUM, DISSOLVED	1.6	SW846 6010B
SODIUM, TOTAL	18.5	SW846 6010B
SODIUM, DISSOLVED	18.7	SW846 6010B
SPEC. COND., FIELD (umhos/cm)	365	FIELD
SPEC. COND., LAB (umhos/cm)	422	EPA 120.1
SULFATE	1.3	EPA 300
ALKALINITY	15	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	250	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.67	SM20-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	1.1	SM20- 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
** Total and dissolved analysis required only in conjunction with additional annual metals sampling (see page 4). Remaining quarterly samples only require total metals analysis.

I.D. No	101389
Monitoring Point No.	FFMP03AW
Sample Date	5/21/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-Q. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	1 ND	SW846 8260B
1,2-DIBROMOETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1 ND	SW846 8260B
1,1-DICHLOROETHENE	1 ND	SW846 8260B
1,2-DICHLOROETHANE	1 ND	SW846 8260B
CIS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
TRANS 1,2-DICHLOROETHENE	1 ND	SW846 8260B
ETHYLBENZENE	1 ND	SW846 8260B
METHYLENE CHLORIDE	1 ND	SW846 8260B
TETRACHLOROETHENE	1 ND	SW846 8260B
TOLUENE	1 ND	SW846 8260B
1,1,1-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROETHENE	1 ND	SW846 8260B
VINYL CHLORIDE	1 ND	SW846 8260B
XYLENES (TOTAL)	3 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP03AW
Sample Date	5/21/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

1-A. Metals (Enter all data in ug/l) If initial background analyses of four consecutive analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses may not be required, subject to written DEP approval.

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ARSENIC, TOTAL	3.3 ND	SW846 6010B
ARSENIC, DISSOLVED	3.3 ND	SW846 6010B
BARIUM, TOTAL	72	SW846 6010B
BARIUM, DISSOLVED	73	SW846 6010B
CADMIUM, TOTAL	1.1 ND	SW846 6010B
CADMIUM, DISSOLVED	1.1 ND	SW846 6010B
CHROMIUM, TOTAL	2.2 ND	SW846 6010B
CHROMIUM, DISSOLVED	2.2 ND	SW846 6010B
COPPER, TOTAL	7	SW846 6010B
COPPER, DISSOLVED	5.7	SW846 6010B
LEAD-FLAMELESS, TOTAL	2.2 ND	SW846 6010B
LEAD, DISSOLVED	2.2 ND	SW846 6010B
MERCURY, TOTAL	0.5 ND	SW846 7470A
MERCURY, DISSOLVED	0.5 ND	SW846 7470A
SELENIUM, TOTAL	5.6 ND	SW846 6010B
SELENIUM, DISSOLVED	5.6 ND	SW846 6010B
SILVER, TOTAL	2.2 ND	SW846 6010B
SILVER, DISSOLVED	2.2 ND	SW846 6010B
ZINC, TOTAL	44	SW846 6010B
ZINC, DISSOLVED	41	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP03AW
Sample Date	5/21/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

2-A. Organics (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BROMOFORM	1 ND	SW846 8260B
BROMOMETHANE	1 ND	SW846 8260B
CARBON TETRACHLORIDE	1 ND	SW846 8260B
CHLOROBENZENE	1 ND	SW846 8260B
CHLOROETHANE	1 ND	SW846 8260B
DIBROMOCHLOROMETHANE	1 ND	SW846 8260B
CHLOROMETHANE	1 ND	SW846 8260B
3-CHLORO-1-PROPENE	1 ND	SW846 8260B
1,2-DICHLOROBENZENE	1 ND	SW846 8260B
1,3-DICHLOROBENZENE	1 ND	SW846 8260B
1,4-DICHLOROBENZENE	1 ND	SW846 8260B
DICHLORODIFLUOROMETHANE	1 ND	SW846 8260B
1,2-DICHLOROPROPANE	1 ND	SW846 8260B
CIS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
TRANS 1,3-DICHLOROPROPENE	1 ND	SW846 8260B
2-BUTANONE (MEK)	10 ND	SW846 8260B
4-METHYL-2-PENTANONE	5 ND	SW846 8260B
1,1,1,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2,2-TETRACHLOROETHANE	1 ND	SW846 8260B
1,1,2-TRICHLOROETHANE	1 ND	SW846 8260B
TRICHLOROFLUOROMETHANE	1 ND	SW846 8260B
1,2,3-TRICHLOROPROPANE	2 ND	SW846 8260B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP03AW
Sample Date	5/21/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

SUBTITLE D - Detection Zone Add-On LIst - When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored annually in the groundwater monitoring wells.

ORGANICS AND METALS (Enter all data in ug/l)

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
ACETONE	10 ND	SW846 8260B
ACRYLONITRILE	5 ND	SW846 8260B
BROMOCHLOROMETHANE (CHLOROBROMOMETHAN	1 ND	SW846 8260B
BROMODICHLOROMETHANE	1 ND	SW846 8260B
CARBON DISULFIDE	1 ND	SW846 8260B
CHLOROFORM	1 ND	SW846 8260B
1,2-DIBROMO-3-CHLOROPROPANE	7 ND	SW846 8260B
TRANS 1,4-DICHLORO-2-BUTENE	3 ND	SW846 8260B
2-HEXANONE	5 ND	SW846 8260B
DIBROMOMETHANE	1 ND	SW846 8260B
IODOMETHANE	1 ND	SW846 8260B
STYRENE	1 ND	SW846 8260B
VINYL ACETATE	5 ND	SW846 8260B
ANTIMONY	2.2 ND	SW846 6010B
BERYLLIUM	1.1 ND	SW846 6010B
COBALT	5.6 ND	SW846 6010B
NICKEL	18	SW846 6010B
THALLIUM	1.1 ND	SW846 6010B
VANADIUM	2.2 ND	SW846 6010B

T Please indicate detection limit if analyte is not detected.

I.D. No	101389
Monitoring Point No.	FFMP03AW
Sample Date	5/21/2026

FORM 19

ANNUAL WATER QUALITY ANALYSES

Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required.

Constituent	CAS Number

Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | www.alsglobal.com
Associated Site: 20 Riverside Drive | Spring City, PA 19475 | Phone: 610-948-4903 |

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For **Lancaster County Solid Waste Authority**

Project Frey Farm Annual
Workorder 3457378
Report ID 511060 on 5/13/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on May 04, 2026.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Stacey Welk (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
Jordan Bigler - Lancaster County Solid Waste Authority
Daniel Brown - Lancaster County Solid Waste Authority
Jordan McConathey - Lancaster County Solid Waste Authority
Jeff Musser - Lancaster County Solid Waste Authority
Stacey Welk - ALS Environmental

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Stacey Welk

Stacey Welk *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3457378001	FIELD BLANK	Water	05/04/2026 12:10	05/04/2026 21:02	C	
3457378002	TRIP BLANK	Water	05/04/2026 00:00	05/04/2026 21:02	C	

Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.

Project Notations

Sample Notations

Lab ID	Sample ID

Result Notations

Notation Ref.

Detected Results Summary

Client Sample ID	FIELD BLANK	Collected	05/04/2026 12:10
Lab Sample ID	3457378001	Lab Receipt	05/04/2026 21:02

Compound	Result	Units	RDL	Method	Flag
VOLATILE ORGANICS					
Chloroform	1.0	ug/L	1.0	SW846 8260B	#

Detected Results Summary

Client Sample ID	TRIP BLANK	Collected	05/04/2026 00:00
Lab Sample ID	3457378002	Lab Receipt	05/04/2026 21:02

Compound	Result	Units	RDL	Method	Flag
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#

Results

Client Sample ID	FIELD BLANK	Collected	05/04/2026 12:10
Lab Sample ID	3457378001	Lab Receipt	05/04/2026 21:02

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Chloroform	1.0		ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A

Results

Client Sample ID	FIELD BLANK	Collected	05/04/2026 12:10
Lab Sample ID	3457378001	Lab Receipt	05/04/2026 21:02

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:54	CMQ	A

TICs by Library Search

Compound	CAS No	Result	Units	Qualifiers
Silanol, trimethyl-	1066-40-6	3.9	ug/L	J,N

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	92.9%	62 – 133	05/09/2026 13:54	
4-Bromofluorobenzene	460-00-4	93.9%	79 – 114	05/09/2026 13:54	
Dibromofluoromethane	1868-53-7	96.6%	78 – 116	05/09/2026 13:54	
Toluene-d8	2037-26-5	97.8%	76 – 127	05/09/2026 13:54	

Results

Client Sample ID	TRIP BLANK	Collected	05/04/2026 00:00
Lab Sample ID	3457378002	Lab Receipt	05/04/2026 21:02

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/09/2026 13:08	CMQ	A

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A

Results

Client Sample ID	TRIP BLANK	Collected	05/04/2026 00:00
Lab Sample ID	3457378002	Lab Receipt	05/04/2026 21:02

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:08	CMQ	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	96.7%	62 – 133	05/09/2026 13:08	
4-Bromofluorobenzene	460-00-4	97.3%	79 – 114	05/09/2026 13:08	
Dibromofluoromethane	1868-53-7	101%	78 – 116	05/09/2026 13:08	
Toluene-d8	2037-26-5	99.5%	76 – 127	05/09/2026 13:08	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3457378001	FIELD BLANK	SW846 8260B	N/A	
3457378002	TRIP BLANK	Lib Search VOC	N/A	
		SW846 8260B	N/A	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3457378001	FIELD BLANK	N/A	N/A	N/A		SW846 8260B	1545392
3457378002	TRIP BLANK	N/A	N/A	N/A		Lib Search VOC	1545757
		N/A	N/A	N/A		SW846 8260B	1545392

301 Fulling Mill Rd, Suite A
Middletown, PA 17057
P. 717-944-5541

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

COC
ALS

3457378
Logged By: DXB
PM: SIW

of

Client Name: Lancaster County Solid Waste MA

Address: 1299 Harrisburg Pike
Lancaster PA 17604

Contact: Dan Brown
Phone#: 717-553-5864
Project Name/#: Frey Farm Annual
Bill To: Lancaster County Solid Waste MA
Purchase Order #:

TAT [x] Normal-Standard TAT is 10-12 business days.
[ ] Rush-Subject to ALS approval and surcharges.

Date Required: **Approved?**
Email? [x] dbrown@lcswma.org

	Container Type	AG	AN	CG	P	P			P	P	P
	Container Size	40ml	125ml	40ml	1L	500ml			250ml	125ml	125ml
	Preservative	HCL	H2SO4	HCL	UNP	UNP			H2SO4	HNO3	HNO3

Orthophosphate Filtered? Yes No Hexavalent Chromium Filtered? Yes No

ANALYSIS / METHOD REQUESTED

	Sample Description/Location (as it will appear on the lab report)	Date Collected mm/dd/yy	Time hh:mm	SDWA Sample Type (see key)	*G or C	**Matrix (See bottom of COC)	TOC	O-OH	VOC (form 19A) +LS + Subtitle D	pH, Cl, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, HCO3	FM	Sample Debth for AUX Data	NH3-N, COD	Dis Metals Fe,Mn,Na,Ba,Cr,Cu, Pb,Mg,k,Zn,As,Cd,Se,Ag,Hg,Ca	Total Metals Form 19A + Subtitle D
	Enter Number of Containers Per Sample or Field Results Below.															
1	FIELD BLANK	4/4/26	12:10			DI			2							
2	TRIP BLANK	4/4/26	NA			DI			2							
3																
4																
5																
6																
7																
8																
9																
10																

Receipt Information (completed by Receiving Lab)

Temp Taken By: Therm ID: WO Temp (°C)

*Receipt Info completed by:*_____ WV Containers 0-6°C Y N NA

Cooler Custody Seals Intact	Y	N	NA
Sample Custody Seal Intact	Y	N	NA
Received on Ice	Y	N	NA
Coolers & Samples Intact	Y	N	
Correct Containers Provided	Y	N	
Sample Label/COC Agree	Y	N	
Adequate Sample Volumes	Y	N	
VOA only: Trip Blank	Y	N	NA

NJ ≤ 4 days? Y N
Courier/Tracking #

Deviations? NO YES
If YES, list below:

Client contact:
Date/Tech:

Sample(s) for Radiation testing? Y N
Reportable SDWA Sample(s)? Y N
SDWA State of Origin?_____
PWSID #__

Rad Screen (uCi)_____
New Source? Y N
New Source Contact:

PWS Contact:_____ PWS Phone #:_____

SDWA Sample Type Key: D=Distribution E=Entry Point R=Raw P=Plant C=Check S=Special A=Annual Startup

Sample/COC Remarks

Sampling Hours

Contains Short Hold Testing YES NO

Internal Use: If less than 48 hours - notify lab upon receipt

Circle Sample Collector: ALS Tech / Client
Name: EP **ID:**

Comments:

Date:	Time		Relinquished By / Company Name		Received By / Company Name
4/4/2026	17:30	1	ALS EP	2	MRTS
		3		4	
		5		6	
		7		8	
		9		10	

Data Deliverables

[ ] Standard Lvl 1	[ ] CLP-like	[ ] HSCA	
[ ] Standard Lvl 2	[ ] DOD	[ ] Landfill	
[ ] Standard Lvl 3	[ ] NJ RED	[ ] NJ GW	
[ ] Standard Lvl 4	[ ] NJ Full	[ ] _____	

EDDs

[ ] Excel Summary	
[ ] Equis	
[ ] Custom	

Sample Disposal
Lab [x]
Special [ ]

EDDS: Format Type

State Samples Collected In
[ ] NY
[ ] NJ
[x] PA
[ ] WV
[ ] FL
___ other

* G=Grab; C=Composite **Matrix - A=Air; D=Drinking Water; GW=Groundwater; O=Oil; LW=Liquid Waste; S=Solid/Soil/Sludge; SW=Surface Water; WP=Wipe; WW=Wastewater

ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Suite A, Middletown, PA 17057

Rev 07.06.2023

Middletown Sample Condition Form

Client Lancaster County S.W. MA Workorder 3457378

Temp °C 5° Therm ID 569 Ice? (Y) N N/A Initials & Date Nara 5.8.26

Fedex UPS (Client) ALS Other Tracking # _____

	Yes	No[1]	N/A	Comments
Cooler Custody Seals present & intact			—	
Sample Custody Seals present & intact			—	
Chain-of-Custody present	—			
Sample collector name present *If not present, must contact PM/client to request name.*	—			
COC/bottle labels complete & in agreement		—		
•Sample location	—			
•Date and time of sample collection	—			
•Type(s) of preservation	—			
•Number of containers	—			
•Composite or grab		—		
•Matrix	—			
Proper containers, preservation, and volume per method	—			
Received within hold time	—			
Containers intact	—			
Trip blanks present (EPA 504, EPA 524)	—			
Field blanks present (Hg 1631, PFAS)	—			
NJ ≤ 4 Days			—	
CR6 Samples Filtered				
OP Samples Filtered				
WV Containers 0-6°C				
SDWA compliance reporting			↓	

[1] *If No, provide comment*

Rad Screen (uCi) —

PM - PM to contact client
N/A - Not Applicable
UC - Updated coc with missing information

Review Comments:

_____

_____

_____

5/13/2026 11:07 AM

Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | www.alsglobal.com
Associated Site: 20 Riverside Drive | Spring City, PA 19475 | Phone: 610-948-4903 |

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For **Lancaster County Solid Waste Authority**

Project Frey Farm Annual
Workorder 3457334
Report ID 512565 on 5/22/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on May 04, 2026.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Stacey Welk (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
Jordan Bigler - Lancaster County Solid Waste Authority
Daniel Brown - Lancaster County Solid Waste Authority
Jordan McConathey - Lancaster County Solid Waste Authority
Jeff Musser - Lancaster County Solid Waste Authority
Stacey Welk - ALS Environmental

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Stacey Welk

Stacey Welk *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3457334001	FFMP02SW	Ground Water	05/04/2026 09:34	05/04/2026 17:30	EMP	ALS Environmental-Middletown
3457334002	FFMP02DW	Ground Water	05/04/2026 10:01	05/04/2026 17:30	EMP	ALS Environmental-Middletown
3457334003	FFMP002W	Ground Water	05/04/2026 11:05	05/04/2026 17:30	EMP	ALS Environmental-Middletown
3457334004	FFMP031W	Ground Water	05/04/2026 12:48	05/04/2026 17:30	EMP	ALS Environmental-Middletown
3457334005	FIELD BLANK	Ground Water	05/04/2026 12:00	05/04/2026 17:30	EMP	ALS Environmental-Middletown
3457334006	FFMP032W	Ground Water	05/04/2026 13:16	05/04/2026 17:30	EMP	ALS Environmental-Middletown
3457334007	FFMP015W	Ground Water	05/04/2026 13:58	05/04/2026 17:30	EMP	ALS Environmental-Middletown
3457334008	FFMP036W	Ground Water	05/04/2026 15:23	05/04/2026 17:30	EMP	ALS Environmental-Middletown
3457334009	FFMP035W	Ground Water	05/04/2026 16:22	05/04/2026 17:30	EMP	ALS Environmental-Middletown
3457334010	FFMP033W	Ground Water	05/04/2026 15:59	05/04/2026 17:30	EMP	ALS Environmental-Middletown

Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.

Project Notations

Sample Notations

Lab ID	Sample ID

Result Notations

Notation Ref.	
1	The QC sample type STDL for method SM2320B-21 was outside the control limits for the analyte Alkalinity, Total. The % Recovery was reported as 86.1 and the control limits were 90 to 110.
2	The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO3/L.
3	The pH analysis is an "analyze immediately" analysis. Parameters identified as "analyze immediately" require analysis within 15 minutes of collection, and are therefore analyzed outside of the method holding time when analyzed in the laboratory.
4	The QC sample type MSD for method SW846 9066 was outside the control limits for the analyte Phenolics. The % Recovery was reported as 58 and the control limits were 90 to 110.
5	The QC sample type MS for method SW846 9066 was outside the control limits for the analyte Phenolics. The % Recovery was reported as 61.6 and the control limits were 90 to 110.
6	The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits. The sample was post-digestion spiked, and this matrix spike was within acceptable recovery limits.

Detected Results Summary

Client Sample ID	FFMP02SW	Collected	05/04/2026 09:34
Lab Sample ID	3457334001	Lab Receipt	05/04/2026 17:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	15.70	Feet		Field	#
Dissolved Oxygen	5.77	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	509.90	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	494.20	ft/MSL		Field	#
Oxidation-Reduction Potential	205	mV		Field	#
pH, Field (SM4500B)	5.58	pH_Units		Field	#
Sample Depth	18.00	Feet		Field	#
Specific Conductance, Field	5766	umhos/cm	1	Field	#
Temperature	12.65	Deg. C		Field	#
Total Well Depth	22.70	Feet		Field	#
Volume in Water Column	4.55	Gallons		Field	#
Water Level After Purge	16.04	Feet		Field	#
Well Volumes Purged	0.23	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.065	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.077	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	23.1	mg/L	0.11	SW846 6020A	#
Calcium, Total	19.2	mg/L	0.11	SW846 6020A	#
Magnesium, Dissolved	13.2	mg/L	0.11	SW846 6020A	#
Magnesium, Total	7.4	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.0081	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.011	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	6.8	mg/L	0.55	SW846 6020A	#
Potassium, Total	4.0	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	51.6	mg/L	0.55	SW846 6020A	#
Sodium, Total	59.3	mg/L	1.1	SW846 6020A	#
Zinc, Dissolved	0.0066	mg/L	0.0056	SW846 6020A	#
Zinc, Total	0.0096	mg/L	0.0056	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	22	mg/L	5	SM2320B-21	#
Alkalinity, Total	22	mg/L	5	SM2320B-21	#
Chloride	91.7	mg/L	0.50	EPA 300.0	#
Nitrate-N	10.8	mg/L	0.050	EPA 300.0	#
pH	7.56	pH_Units		SM4500HB-21	#
Specific Conductance	505	umhos/cm	5	SM2510B-21	#
Sulfate	46.1	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	282	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	1.5	mg/L	0.50	SM5310B-14	#
Turbidity	0.85	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FFMP02DW	Collected	05/04/2026 10:01
Lab Sample ID	3457334002	Lab Receipt	05/04/2026 17:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	37.86	Feet		Field	#
Dissolved Oxygen	0.36	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	509.60	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	471.74	ft/MSL		Field	#
Oxidation-Reduction Potential	203	mV		Field	#
pH, Field (SM4500B)	7.43	pH_Units		Field	#
Sample Depth	120.00	Feet		Field	#
Specific Conductance, Field	1244	umhos/cm	1	Field	#
Temperature	13.61	Deg. C		Field	#
Total Well Depth	153.00	Feet		Field	#
Turbidity, Field	1	NTU	1	Field	#
Volume in Water Column	169.26	Gallons		Field	#
Water Level After Purge	39.20	Feet		Field	#
Well Volumes Purged	0.02	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.15	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.15	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	98.3	mg/L	0.11	SW846 6020A	#
Calcium, Total	96.2	mg/L	0.11	SW846 6020A	#
Iron, Total	0.12	mg/L	0.056	SW846 6020A	#
Magnesium, Dissolved	18.0	mg/L	0.11	SW846 6020A	#
Magnesium, Total	17.6	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.014	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.016	mg/L	0.0056	SW846 6020A	#
Nickel, Total	0.0074	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	5.1	mg/L	0.55	SW846 6020A	#
Potassium, Total	1.4	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	117	mg/L	0.55	SW846 6020A	#
Sodium, Total	118	mg/L	11.0	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	125	mg/L	5	SM2320B-21	#
Alkalinity, Total	125	mg/L	5	SM2320B-21	#
Chloride	285	mg/L	1.3	EPA 300.0	#
Nitrate-N	6.0	mg/L	0.050	EPA 300.0	#
pH	8.21	pH_Units		SM4500HB-21	#
Specific Conductance	1290	umhos/cm	5	SM2510B-21	#
Sulfate	44.9	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	750	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	0.88	mg/L	0.50	SM5310B-14	#
Turbidity	1.4	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FFMP002W	Collected	05/04/2026 11:05
Lab Sample ID	3457334003	Lab Receipt	05/04/2026 17:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	59.70	Feet		Field	#
Dissolved Oxygen	3.43	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	613.20	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	553.50	ft/MSL		Field	#
Oxidation-Reduction Potential	351	mV		Field	#
pH, Field (SM4500B)	4.52	pH_Units		Field	#
Sample Depth	85.00	Feet		Field	#
Specific Conductance, Field	247	umhos/cm	1	Field	#
Temperature	14.24	Deg. C		Field	#
Total Well Depth	90.02	Feet		Field	#
Volume in Water Column	44.57	Gallons		Field	#
Water Level After Purge	62.15	Feet		Field	#
Well Volumes Purged	0.07	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.053	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.049	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	18.4	mg/L	0.11	SW846 6020A	#
Calcium, Total	15.2	mg/L	0.11	SW846 6020A	#
Cobalt, Total	0.030	mg/L	0.0056	SW846 6020A	#
Copper, Dissolved	0.035	mg/L	0.0056	SW846 6020A	#
Copper, Total	0.037	mg/L	0.0056	SW846 6020A	#
Lead, Dissolved	0.016	mg/L	0.0022	SW846 6020A	#
Lead, Total	0.017	mg/L	0.0022	SW846 6020A	#
Magnesium, Dissolved	7.5	mg/L	0.11	SW846 6020A	#
Magnesium, Total	7.1	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.21	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.22	mg/L	0.0056	SW846 6020A	#
Nickel, Total	0.080	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	1.5	mg/L	0.11	SW846 6020A	#
Potassium, Total	1.2	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	16.9	mg/L	0.11	SW846 6020A	#
Sodium, Total	13.8	mg/L	1.1	SW846 6020A	#
Zinc, Dissolved	0.083	mg/L	0.0056	SW846 6020A	#
Zinc, Total	0.086	mg/L	0.0056	SW846 6020A	#
WET CHEMISTRY					
Chloride	18.1	mg/L	0.50	EPA 300.0	#
Nitrate-N	15.7	mg/L	0.050	EPA 300.0	#
pH	5.85	pH_Units		SM4500HB-21	#
Specific Conductance	247	umhos/cm	5	SM2510B-21	#
Sulfate	23.0	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	165	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	0.57	mg/L	0.50	SM5310B-14	#
Turbidity	1.9	NTU	0.30	SM2130B-20	#

Detected Results Summary

Sample - FFMP002W (cont.)

Compound	Result	Units	RDL	Method	Flag

Detected Results Summary

Client Sample ID	FFMP031W	Collected	05/04/2026 12:48
Lab Sample ID	3457334004	Lab Receipt	05/04/2026 17:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	65.28	Feet		Field	#
Dissolved Oxygen	0.33	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	612.66	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	547.38	ft/MSL		Field	#
Oxidation-Reduction Potential	178	mV		Field	#
pH, Field (SM4500B)	4.46	pH_Units		Field	#
Sample Depth	130.00	Feet		Field	#
Specific Conductance, Field	399	umhos/cm	1	Field	#
Temperature	14.84	Deg. C		Field	#
Total Well Depth	152.70	Feet		Field	#
Turbidity, Field	105	NTU	1	Field	#
Volume in Water Column	128.51	Gallons		Field	#
Water Level After Purge	66.79	Feet		Field	#
Well Volumes Purged	0.07	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.085	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.085	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	63.3	mg/L	0.11	SW846 6020A	#
Calcium, Total	61.7	mg/L	0.11	SW846 6020A	#
Iron, Dissolved	0.095	mg/L	0.056	SW846 6020A	#
Iron, Total	0.087	mg/L	0.056	SW846 6020A	#
Magnesium, Dissolved	4.3	mg/L	0.11	SW846 6020A	#
Magnesium, Total	4.3	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.37	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.37	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	1.5	mg/L	0.11	SW846 6020A	#
Potassium, Total	1.5	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	8.5	mg/L	0.11	SW846 6020A	#
Sodium, Total	8.9	mg/L	0.11	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	107	mg/L	5	SM2320B-21	#
Alkalinity, Total	124	mg/L	5	SM2320B-21	#
Chloride	24.1	mg/L	0.50	EPA 300.0	#
Nitrate-N	0.94	mg/L	0.050	EPA 300.0	#
pH	8.31	pH_Units		SM4500HB-21	#
Specific Conductance	416	umhos/cm	5	SM2510B-21	#
Sulfate	55.0	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	226	mg/L	25	SM2540C-20	#
Turbidity	1.2	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FIELD BLANK	Collected	05/04/2026 12:00
Lab Sample ID	3457334005	Lab Receipt	05/04/2026 17:30

Compound	Result	Units	RDL	Method	Flag
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Chromium, Total	0.0030	mg/L	0.0022	SW846 6020A	#
VOLATILE ORGANICS					
Chloroform	5.7	ug/L	1.0	SW846 8260B	#
WET CHEMISTRY					
pH	5.91	pH_Units		SM4500HB-21	#
Turbidity	55	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FFMP032W	Collected	05/04/2026 13:16
Lab Sample ID	3457334006	Lab Receipt	05/04/2026 17:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	50.62	Feet		Field	#
Dissolved Oxygen	0.23	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	594.09	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	543.47	ft/MSL		Field	#
Oxidation-Reduction Potential	-108	mV		Field	#
pH, Field (SM4500B)	7.23	pH_Units		Field	#
Sample Depth	62.00	Feet		Field	#
Specific Conductance, Field	257	umhos/cm	1	Field	#
Temperature	14.76	Deg. C		Field	#
Total Well Depth	77.60	Feet		Field	#
Turbidity, Field	1420	NTU	1	Field	#
Volume in Water Column	39.66	Gallons		Field	#
Water Level After Purge	53.40	Feet		Field	#
Well Volumes Purged	0.14	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Calcium, Dissolved	20.5	mg/L	0.11	SW846 6020A	#
Calcium, Total	19.1	mg/L	0.11	SW846 6020A	#
Iron, Dissolved	8.1	mg/L	0.056	SW846 6020A	#
Iron, Total	8.6	mg/L	0.056	SW846 6020A	#
Magnesium, Dissolved	8.0	mg/L	0.11	SW846 6020A	#
Magnesium, Total	7.8	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.97	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.98	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	1.6	mg/L	0.11	SW846 6020A	#
Potassium, Total	1.5	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	14.7	mg/L	0.11	SW846 6020A	#
Sodium, Total	14.9	mg/L	1.1	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	61	mg/L	5	SM2320B-21	#
Alkalinity, Total	61	mg/L	5	SM2320B-21	#
Ammonia-N, Low Level	0.33	mg/L	0.10	S4500NH3G-21	#
Chloride	48.1	mg/L	0.50	EPA 300.0	#
Nitrate-N	0.054	mg/L	0.050	EPA 300.0	#
pH	8.10	pH_Units		SM4500HB-21	#
Specific Conductance	260	umhos/cm	5	SM2510B-21	#
Sulfate	0.66	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	256	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	0.55	mg/L	0.50	SM5310B-14	#
Turbidity	0.85	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FFMP015W	Collected	05/04/2026 13:58
Lab Sample ID	3457334007	Lab Receipt	05/04/2026 17:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	64.38	Feet		Field	#
Dissolved Oxygen	8.38	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	576.40	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	512.02	ft/MSL		Field	#
Oxidation-Reduction Potential	247	mV		Field	#
pH, Field (SM4500B)	6.00	pH_Units		Field	#
Sample Depth	135.00	Feet		Field	#
Temperature	23.15	Deg. C		Field	#
Total Well Depth	149.90	Feet		Field	#
Volume in Water Column	125.71	Gallons		Field	#
Water Level After Purge	64.51	Feet		Field	#
Well Volumes Purged	0.04	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.037	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.037	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	24.9	mg/L	0.11	SW846 6020A	#
Calcium, Total	24.1	mg/L	0.11	SW846 6020A	#
Magnesium, Dissolved	16.5	mg/L	0.11	SW846 6020A	#
Magnesium, Total	16.9	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.026	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	1.8	mg/L	0.11	SW846 6020A	#
Potassium, Total	1.8	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	16.2	mg/L	0.11	SW846 6020A	#
Sodium, Total	17.1	mg/L	1.1	SW846 6020A	#
Zinc, Dissolved	0.013	mg/L	0.0056	SW846 6020A	#
Zinc, Total	0.014	mg/L	0.0056	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	40	mg/L	5	SM2320B-21	#
Alkalinity, Total	40	mg/L	5	SM2320B-21	#
Chloride	31.7	mg/L	0.50	EPA 300.0	#
Nitrate-N	18.5	mg/L	0.050	EPA 300.0	#
pH	7.75	pH_Units		SM4500HB-21	#
Specific Conductance	380	umhos/cm	5	SM2510B-21	#
Sulfate	30.0	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	218	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	1.4	mg/L	0.50	SM5310B-14	#
Turbidity	1.1	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FFMP036W	Collected	05/04/2026 15:23
Lab Sample ID	3457334008	Lab Receipt	05/04/2026 17:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	46.26	Feet		Field	#
Dissolved Oxygen	0.36	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	478.23	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	431.97	ft/MSL		Field	#
Oxidation-Reduction Potential	-142	mV		Field	#
pH, Field (SM4500B)	7.55	pH_Units		Field	#
Sample Depth	135.00	Feet		Field	#
Specific Conductance, Field	567	umhos/cm	1	Field	#
Temperature	15.10	Deg. C		Field	#
Total Well Depth	142.60	Feet		Field	#
Turbidity, Field	238	NTU	1	Field	#
Volume in Water Column	141.62	Gallons		Field	#
Water Level After Purge	46.43	Feet		Field	#
Well Volumes Purged	0.02	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.16	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.17	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	78.0	mg/L	0.11	SW846 6020A	#
Calcium, Total	77.0	mg/L	0.11	SW846 6020A	#
Iron, Dissolved	1.3	mg/L	0.056	SW846 6020A	#
Iron, Total	1.9	mg/L	0.056	SW846 6020A	#
Magnesium, Dissolved	8.5	mg/L	0.11	SW846 6020A	#
Magnesium, Total	8.9	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.26	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.24	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	1.2	mg/L	0.11	SW846 6020A	#
Potassium, Total	1.2	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	19.2	mg/L	0.11	SW846 6020A	#
Sodium, Total	21.2	mg/L	1.1	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	42	mg/L	5	SM2320B-21	#
Alkalinity, Total	167	mg/L	5	SM2320B-21	#
Ammonia-N, Low Level	0.31	mg/L	0.10	S4500NH3G-21	#
Chloride	55.7	mg/L	0.50	EPA 300.0	#
pH	8.43	pH_Units		SM4500HB-21	#
Specific Conductance	591	umhos/cm	5	SM2510B-21	#
Sulfate	64.9	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	314	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	0.73	mg/L	0.50	SM5310B-14	#
Turbidity	25	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FFMP035W	Collected	05/04/2026 16:22
Lab Sample ID	3457334009	Lab Receipt	05/04/2026 17:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	43.18	Feet		Field	#
Dissolved Oxygen	0.21	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	477.56	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	434.38	ft/MSL		Field	#
Oxidation-Reduction Potential	159	mV		Field	#
pH, Field (SM4500B)	6.45	pH_Units		Field	#
Sample Depth	65.00	Feet		Field	#
Specific Conductance, Field	853	umhos/cm	1	Field	#
Temperature	13.55	Deg. C		Field	#
Total Well Depth	71.80	Feet		Field	#
Volume in Water Column	42.07	Gallons		Field	#
Water Level After Purge	43.56	Feet		Field	#
Well Volumes Purged	0.06	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.10	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.11	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	89.9	mg/L	0.11	SW846 6020A	#
Calcium, Total	88.3	mg/L	0.11	SW846 6020A	#
Chromium, Dissolved	0.0034	mg/L	0.0022	SW846 6020A	#
Iron, Total	0.062	mg/L	0.056	SW846 6020A	#
Magnesium, Dissolved	16.5	mg/L	0.11	SW846 6020A	#
Magnesium, Total	16.0	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.083	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.085	mg/L	0.0056	SW846 6020A	#
Nickel, Total	0.029	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	2.5	mg/L	0.11	SW846 6020A	#
Potassium, Total	2.5	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	43.8	mg/L	0.11	SW846 6020A	#
Sodium, Total	47.3	mg/L	1.1	SW846 6020A	#
Zinc, Dissolved	0.019	mg/L	0.0056	SW846 6020A	#
Zinc, Total	0.019	mg/L	0.0056	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	134	mg/L	5	SM2320B-21	#
Alkalinity, Total	134	mg/L	5	SM2320B-21	#
Chloride	156	mg/L	0.50	EPA 300.0	#
Nitrate-N	7.2	mg/L	0.050	EPA 300.0	#
pH	8.11	pH_Units		SM4500HB-21	#
Specific Conductance	892	umhos/cm	5	SM2510B-21	#
Sulfate	47.6	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	554	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	1.0	mg/L	0.50	SM5310B-14	#
Turbidity	2.1	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FFMP033W	Collected	05/04/2026 15:59
Lab Sample ID	3457334010	Lab Receipt	05/04/2026 17:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	19.97	Feet		Field	#
Dissolved Oxygen	3.15	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	516.52	Feet		Field	#
Flow Rate	1.67	gal/min		Field	#
Ground Water Elevation	496.55	ft/MSL		Field	#
Oxidation-Reduction Potential	112	mV		Field	#
pH, Field (SM4500B)	5.48	pH_Units		Field	#
Sample Depth	79.00	Feet		Field	#
Specific Conductance, Field	464	umhos/cm	1	Field	#
Temperature	15.73	Deg. C		Field	#
Total Well Depth	100.00	Feet		Field	#
Turbidity, Field	105	NTU	1	Field	#
Volume in Water Column	117.64	Gallons		Field	#
Water Level After Purge	48.50	Feet		Field	#
Well Volumes Purged	1.76	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.073	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.073	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	35.4	mg/L	0.11	SW846 6020A	#
Calcium, Total	34.2	mg/L	0.11	SW846 6020A	#
Iron, Dissolved	1.4	mg/L	0.056	SW846 6020A	#
Iron, Total	5.8	mg/L	0.056	SW846 6020A	#
Magnesium, Dissolved	14.7	mg/L	0.11	SW846 6020A	#
Magnesium, Total	14.0	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.12	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.12	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	1.9	mg/L	0.11	SW846 6020A	#
Potassium, Total	1.9	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	20.2	mg/L	0.11	SW846 6020A	#
Sodium, Total	21.0	mg/L	1.1	SW846 6020A	#
Zinc, Total	0.0068	mg/L	0.0056	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	23	mg/L	5	SM2320B-21	#
Alkalinity, Total	23	mg/L	5	SM2320B-21	#
Chloride	97.7	mg/L	0.50	EPA 300.0	#
Nitrate-N	11.7	mg/L	0.050	EPA 300.0	#
pH	7.42	pH_Units		SM4500HB-21	#
Specific Conductance	473	umhos/cm	5	SM2510B-21	#
Sulfate	13.7	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	312	mg/L	25	SM2540C-20	#
Turbidity	50	NTU	0.30	SM2130B-20	#

Results

Client Sample ID	FFMP02SW	Collected	05/04/2026 09:34
Lab Sample ID	3457334001	Lab Receipt	05/04/2026 17:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	15.70		Feet		Field	1	05/04/2026 09:33	EMP	H
Dissolved Oxygen	5.77		mg/L	0.01	Field	1	05/04/2026 09:33	EMP	H
Elev Top MW Casing above MSL	509.90		Feet		Field	1	05/04/2026 09:33	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/04/2026 09:33	EMP	H
Ground Water Elevation	494.20		ft/MSL		Field	1	05/04/2026 09:33	EMP	H
Oxidation-Reduction Potential	205		mV		Field	1	05/04/2026 09:33	EMP	H
pH, Field (SM4500B)	5.58		pH_Units		Field	1	05/04/2026 09:33	EMP	H
Sample Depth	18.00		Feet		Field	1	05/04/2026 09:33	EMP	H
Specific Conductance, Field	5766		umhos/cm	1	Field	1	05/04/2026 09:33	EMP	H
Temperature	12.65		Deg. C		Field	1	05/04/2026 09:33	EMP	H
Total Well Depth	22.70		Feet		Field	1	05/04/2026 09:33	EMP	H
Turbidity, Field	ND	ND	NTU	1	Field	1	05/04/2026 09:33	EMP	H
Volume in Water Column	4.55		Gallons		Field	1	05/04/2026 09:33	EMP	H
Water Level After Purge	16.04		Feet		Field	1	05/04/2026 09:33	EMP	H
Well Volumes Purged	0.23		Vol		Field	1	05/04/2026 09:33	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 02:55	PDK	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Barium, Dissolved	0.065		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Barium, Total	0.077		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Calcium, Dissolved	23.1		mg/L	0.11	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Calcium, Total	19.2		mg/L	0.11	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Iron, Total	ND	ND	mg/L	0.056	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Magnesium, Dissolved	13.2		mg/L	0.11	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Magnesium, Total	7.4		mg/L	0.11	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Manganese, Dissolved	0.0081		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:21	KXH	D2

Results

Client Sample ID	FFMP02SW	Collected	05/04/2026 09:34
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METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.011		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:16	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:12	ZAS	F
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Potassium, Dissolved	6.8		mg/L	0.55	SW846 6020A	5	05/20/2026 10:30	KXH	D2
Potassium, Total	4.0		mg/L	0.11	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Sodium, Dissolved	51.6		mg/L	0.55	SW846 6020A	5	05/20/2026 10:30	KXH	D2
Sodium, Total	59.3		mg/L	1.1	SW846 6020A	10	05/19/2026 09:58	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:41	KXH	F1
Zinc, Dissolved	0.0066		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:21	KXH	D2
Zinc, Total	0.0096		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:41	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L

Results

Client Sample ID	FFMP02SW	Collected	05/04/2026 09:34
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VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:55	PDK	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:55	PDK	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	89.4%	62 – 133	05/08/2026 02:55	
4-Bromofluorobenzene	460-00-4	97.3%	79 – 114	05/08/2026 02:55	
Dibromofluoromethane	1868-53-7	98.2%	78 – 116	05/08/2026 02:55	
Toluene-d8	2037-26-5	99.6%	76 – 127	05/08/2026 02:55	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	22		mg/L	5	SM2320B-21	1	05/07/2026 00:47	TJH	A
Alkalinity, Total	22	1,2	mg/L	5	SM2320B-21	1	05/07/2026 00:47	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 13:23	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/06/2026 14:10	KMS	C
Chloride	91.7		mg/L	0.50	EPA 300.0	2	05/05/2026 22:40	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/05/2026 22:40	J1W	A
Nitrate-N	10.8		mg/L	0.050	EPA 300.0	2	05/05/2026 22:40	J1W	A
pH	7.56	3	pH_Units		SM4500HB-21	1	05/07/2026 00:47	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 13:23	A1L	K
Specific Conductance	505		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	46.1		mg/L	0.50	EPA 300.0	2	05/05/2026 22:40	J1W	A
Total Dissolved Solids	282		mg/L	25	SM2540C-20	1	05/07/2026 17:55	RAG	A

Results

Client Sample ID	FFMP02SW	Collected	05/04/2026 09:34
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WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	1.5		mg/L	0.50	SM5310B-14	1	05/06/2026 23:54	PAG	I
Turbidity	0.85		NTU	0.30	SM2130B-20	1	05/05/2026 09:08	AOO	A

Results

Client Sample ID	FFMP02DW	Collected	05/04/2026 10:01
Lab Sample ID	3457334002	Lab Receipt	05/04/2026 17:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	37.86		Feet		Field	1	05/04/2026 10:01	EMP	H
Dissolved Oxygen	0.36		mg/L	0.01	Field	1	05/04/2026 10:01	EMP	H
Elev Top MW Casing above MSL	509.60		Feet		Field	1	05/04/2026 10:01	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/04/2026 10:01	EMP	H
Ground Water Elevation	471.74		ft/MSL		Field	1	05/04/2026 10:01	EMP	H
Oxidation-Reduction Potential	203		mV		Field	1	05/04/2026 10:01	EMP	H
pH, Field (SM4500B)	7.43		pH_Units		Field	1	05/04/2026 10:01	EMP	H
Sample Depth	120.00		Feet		Field	1	05/04/2026 10:01	EMP	H
Specific Conductance, Field	1244		umhos/cm	1	Field	1	05/04/2026 10:01	EMP	H
Temperature	13.61		Deg. C		Field	1	05/04/2026 10:01	EMP	H
Total Well Depth	153.00		Feet		Field	1	05/04/2026 10:01	EMP	H
Turbidity, Field	1		NTU	1	Field	1	05/04/2026 10:01	EMP	H
Volume in Water Column	169.26		Gallons		Field	1	05/04/2026 10:01	EMP	H
Water Level After Purge	39.20		Feet		Field	1	05/04/2026 10:01	EMP	H
Well Volumes Purged	0.02		Vol		Field	1	05/04/2026 10:01	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 03:41	PDK	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Barium, Dissolved	0.15		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Barium, Total	0.15		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Calcium, Dissolved	98.3		mg/L	0.11	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Calcium, Total	96.2		mg/L	0.11	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Iron, Total	0.12		mg/L	0.056	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Magnesium, Dissolved	18.0		mg/L	0.11	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Magnesium, Total	17.6		mg/L	0.11	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Manganese, Dissolved	0.014		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:24	KXH	D2

Results

Client Sample ID	FFMP02DW	Collected	05/04/2026 10:01
Lab Sample ID	3457334002	Lab Receipt	05/04/2026 17:30

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.016		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:22	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:01	ZAS	F
Nickel, Total	0.0074		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Potassium, Dissolved	5.1		mg/L	0.55	SW846 6020A	5	05/20/2026 10:33	KXH	D2
Potassium, Total	1.4		mg/L	0.11	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Sodium, Dissolved	117		mg/L	0.55	SW846 6020A	5	05/20/2026 10:33	KXH	D2
Sodium, Total	118		mg/L	11.0	SW846 6020A	100	05/19/2026 10:01	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:43	KXH	F1
Zinc, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:24	KXH	D2
Zinc, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:43	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L

Results

Client Sample ID	FFMP02DW	Collected	05/04/2026 10:01
Lab Sample ID	3457334002	Lab Receipt	05/04/2026 17:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 03:41	PDK	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 03:41	PDK	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	92.6%	62 – 133	05/08/2026 03:41	
4-Bromofluorobenzene	460-00-4	99.3%	79 – 114	05/08/2026 03:41	
Dibromofluoromethane	1868-53-7	102%	78 – 116	05/08/2026 03:41	
Toluene-d8	2037-26-5	103%	76 – 127	05/08/2026 03:41	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	125		mg/L	5	SM2320B-21	1	05/07/2026 00:58	TJH	A
Alkalinity, Total	125	1,2	mg/L	5	SM2320B-21	1	05/07/2026 00:58	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 13:45	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/06/2026 14:10	KMS	C
Chloride	285		mg/L	1.3	EPA 300.0	5	05/07/2026 22:07	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/05/2026 22:55	J1W	A
Nitrate-N	6.0		mg/L	0.050	EPA 300.0	2	05/05/2026 22:55	J1W	A
pH	8.21	3	pH_Units		SM4500HB-21	1	05/07/2026 00:58	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 13:26	A1L	K
Specific Conductance	1290		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	44.9		mg/L	0.50	EPA 300.0	2	05/05/2026 22:55	J1W	A
Total Dissolved Solids	750		mg/L	25	SM2540C-20	1	05/07/2026 17:55	RAG	A

Results

Client Sample ID	FFMP02DW	Collected	05/04/2026 10:01
Lab Sample ID	3457334002	Lab Receipt	05/04/2026 17:30

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	0.88		mg/L	0.50	SM5310B-14	1	05/06/2026 23:54	PAG	I
Turbidity	1.4		NTU	0.30	SM2130B-20	1	05/05/2026 09:08	AOO	A

Results

Client Sample ID	FFMP002W	Collected	05/04/2026 11:05
Lab Sample ID	3457334003	Lab Receipt	05/04/2026 17:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	59.70		Feet		Field	1	05/04/2026 11:08	EMP	H
Dissolved Oxygen	3.43		mg/L	0.01	Field	1	05/04/2026 11:08	EMP	H
Elev Top MW Casing above MSL	613.20		Feet		Field	1	05/04/2026 11:08	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/04/2026 11:08	EMP	H
Ground Water Elevation	553.50		ft/MSL		Field	1	05/04/2026 11:08	EMP	H
Oxidation-Reduction Potential	351		mV		Field	1	05/04/2026 11:08	EMP	H
pH, Field (SM4500B)	4.52		pH_Units		Field	1	05/04/2026 11:08	EMP	H
Sample Depth	85.00		Feet		Field	1	05/04/2026 11:08	EMP	H
Specific Conductance, Field	247		umhos/cm	1	Field	1	05/04/2026 11:08	EMP	H
Temperature	14.24		Deg. C		Field	1	05/04/2026 11:08	EMP	H
Total Well Depth	90.02		Feet		Field	1	05/04/2026 11:08	EMP	H
Turbidity, Field	ND	ND	NTU	1	Field	1	05/04/2026 11:08	EMP	H
Volume in Water Column	44.57		Gallons		Field	1	05/04/2026 11:08	EMP	H
Water Level After Purge	62.15		Feet		Field	1	05/04/2026 11:08	EMP	H
Well Volumes Purged	0.07		Vol		Field	1	05/04/2026 11:08	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 04:04	PDK	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Barium, Dissolved	0.053		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Barium, Total	0.049		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Calcium, Dissolved	18.4		mg/L	0.11	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Calcium, Total	15.2		mg/L	0.11	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Cobalt, Total	0.030		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Copper, Dissolved	0.035		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Copper, Total	0.037		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Iron, Total	ND	ND	mg/L	0.056	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Lead, Dissolved	0.016		mg/L	0.0022	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Lead, Total	0.017		mg/L	0.0022	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Magnesium, Dissolved	7.5		mg/L	0.11	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Magnesium, Total	7.1		mg/L	0.11	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Manganese, Dissolved	0.21		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:26	KXH	D2

Results

Client Sample ID	FFMP002W	Collected	05/04/2026 11:05
Lab Sample ID	3457334003	Lab Receipt	05/04/2026 17:30

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.22		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:25	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 16:59	ZAS	F
Nickel, Total	0.080		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Potassium, Dissolved	1.5		mg/L	0.11	SW846 6020A	1	05/20/2026 10:35	KXH	D2
Potassium, Total	1.2		mg/L	0.11	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Sodium, Dissolved	16.9		mg/L	0.11	SW846 6020A	1	05/20/2026 10:35	KXH	D2
Sodium, Total	13.8		mg/L	1.1	SW846 6020A	10	05/19/2026 10:03	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:46	KXH	F1
Zinc, Dissolved	0.083		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:26	KXH	D2
Zinc, Total	0.086		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:46	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L

Results

Client Sample ID	FFMP002W	Collected	05/04/2026 11:05
Lab Sample ID	3457334003	Lab Receipt	05/04/2026 17:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:04	PDK	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:04	PDK	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	90.3%	62 – 133	05/08/2026 04:04	
4-Bromofluorobenzene	460-00-4	97.5%	79 – 114	05/08/2026 04:04	
Dibromofluoromethane	1868-53-7	100%	78 – 116	05/08/2026 04:04	
Toluene-d8	2037-26-5	100%	76 – 127	05/08/2026 04:04	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	ND	ND	mg/L	5	SM2320B-21	1	05/07/2026 01:09	TJH	A
Alkalinity, Total	ND	ND,1,2	mg/L	5	SM2320B-21	1	05/07/2026 01:09	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 13:55	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/06/2026 14:10	KMS	C
Chloride	18.1		mg/L	0.50	EPA 300.0	2	05/06/2026 00:12	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 00:12	J1W	A
Nitrate-N	15.7		mg/L	0.050	EPA 300.0	2	05/06/2026 00:12	J1W	A
pH	5.85	3	pH_Units		SM4500HB-21	1	05/07/2026 01:09	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 13:44	A1L	K
Specific Conductance	247		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	23.0		mg/L	0.50	EPA 300.0	2	05/06/2026 00:12	J1W	A
Total Dissolved Solids	165		mg/L	25	SM2540C-20	1	05/07/2026 17:55	RAG	A

Results

Client Sample ID	FFMP002W	Collected	05/04/2026 11:05
Lab Sample ID	3457334003	Lab Receipt	05/04/2026 17:30

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	0.57		mg/L	0.50	SM5310B-14	1	05/06/2026 23:54	PAG	I
Turbidity	1.9		NTU	0.30	SM2130B-20	1	05/05/2026 09:08	AOO	A

Results

Client Sample ID	FFMP031W	Collected	05/04/2026 12:48
Lab Sample ID	3457334004	Lab Receipt	05/04/2026 17:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	65.28		Feet		Field	1	05/04/2026 12:47	EMP	H
Dissolved Oxygen	0.33		mg/L	0.01	Field	1	05/04/2026 12:47	EMP	H
Elev Top MW Casing above MSL	612.66		Feet		Field	1	05/04/2026 12:47	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/04/2026 12:47	EMP	H
Ground Water Elevation	547.38		ft/MSL		Field	1	05/04/2026 12:47	EMP	H
Oxidation-Reduction Potential	178		mV		Field	1	05/04/2026 12:47	EMP	H
pH, Field (SM4500B)	4.46		pH_Units		Field	1	05/04/2026 12:47	EMP	H
Sample Depth	130.00		Feet		Field	1	05/04/2026 12:47	EMP	H
Specific Conductance, Field	399		umhos/cm	1	Field	1	05/04/2026 12:47	EMP	H
Temperature	14.84		Deg. C		Field	1	05/04/2026 12:47	EMP	H
Total Well Depth	152.70		Feet		Field	1	05/04/2026 12:47	EMP	H
Turbidity, Field	105		NTU	1	Field	1	05/04/2026 12:47	EMP	H
Volume in Water Column	128.51		Gallons		Field	1	05/04/2026 12:47	EMP	H
Water Level After Purge	66.79		Feet		Field	1	05/04/2026 12:47	EMP	H
Well Volumes Purged	0.07		Vol		Field	1	05/04/2026 12:47	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 04:27	PDK	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Barium, Dissolved	0.085		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Barium, Total	0.085		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Calcium, Dissolved	63.3		mg/L	0.11	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Calcium, Total	61.7		mg/L	0.11	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Iron, Dissolved	0.095		mg/L	0.056	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Iron, Total	0.087		mg/L	0.056	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Magnesium, Dissolved	4.3		mg/L	0.11	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Magnesium, Total	4.3		mg/L	0.11	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Manganese, Dissolved	0.37		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:29	KXH	D2

Results

Client Sample ID	FFMP031W	Collected	05/04/2026 12:48
Lab Sample ID	3457334004	Lab Receipt	05/04/2026 17:30

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.37		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:24	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:15	ZAS	F
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Potassium, Dissolved	1.5		mg/L	0.11	SW846 6020A	1	05/20/2026 10:37	KXH	D2
Potassium, Total	1.5		mg/L	0.11	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Sodium, Dissolved	8.5		mg/L	0.11	SW846 6020A	1	05/20/2026 10:37	KXH	D2
Sodium, Total	8.9		mg/L	0.11	SW846 6020A	1	05/19/2026 10:05	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:48	KXH	F1
Zinc, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:29	KXH	D2
Zinc, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:48	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L

Results

Client Sample ID	FFMP031W	Collected	05/04/2026 12:48
Lab Sample ID	3457334004	Lab Receipt	05/04/2026 17:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:27	PDK	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:27	PDK	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	92.8%	62 – 133	05/08/2026 04:27	
4-Bromofluorobenzene	460-00-4	98.6%	79 – 114	05/08/2026 04:27	
Dibromofluoromethane	1868-53-7	102%	78 – 116	05/08/2026 04:27	
Toluene-d8	2037-26-5	101%	76 – 127	05/08/2026 04:27	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	107		mg/L	5	SM2320B-21	1	05/07/2026 01:34	TJH	A
Alkalinity, Total	124	1,2	mg/L	5	SM2320B-21	1	05/07/2026 01:34	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 13:58	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/06/2026 14:10	KMS	C
Chloride	24.1		mg/L	0.50	EPA 300.0	2	05/06/2026 00:28	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 00:28	J1W	A
Nitrate-N	0.94		mg/L	0.050	EPA 300.0	2	05/06/2026 00:28	J1W	A
pH	8.31	3	pH_Units		SM4500HB-21	1	05/07/2026 01:34	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 13:46	A1L	K
Specific Conductance	416		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	55.0		mg/L	0.50	EPA 300.0	2	05/06/2026 00:28	J1W	A
Total Dissolved Solids	226		mg/L	25	SM2540C-20	1	05/07/2026 17:55	RAG	A

Results

Client Sample ID	FFMP031W	Collected	05/04/2026 12:48
Lab Sample ID	3457334004	Lab Receipt	05/04/2026 17:30

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SM5310B-14	1	05/06/2026 23:54	PAG	I
Turbidity	1.2		NTU	0.30	SM2130B-20	1	05/05/2026 09:08	AOO	A

Results

Client Sample ID	FIELD BLANK	Collected	05/04/2026 12:00
Lab Sample ID	3457334005	Lab Receipt	05/04/2026 17:30

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 02:09	PDK	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Barium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Barium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Calcium, Dissolved	ND	ND	mg/L	0.11	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Calcium, Total	ND	ND	mg/L	0.11	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Chromium, Total	0.0030		mg/L	0.0022	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Iron, Total	ND	ND	mg/L	0.056	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Magnesium, Dissolved	ND	ND	mg/L	0.11	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Magnesium, Total	ND	ND	mg/L	0.11	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Manganese, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Manganese, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:21	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:11	ZAS	F
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Potassium, Dissolved	ND	ND	mg/L	0.11	SW846 6020A	1	05/20/2026 10:28	KXH	D1
Potassium, Total	ND	ND	mg/L	0.11	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Sodium, Dissolved	ND	ND	mg/L	0.11	SW846 6020A	1	05/20/2026 10:28	KXH	D1
Sodium, Total	ND	ND	mg/L	0.11	SW846 6020A	1	05/19/2026 09:56	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:38	KXH	F1
Zinc, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:31	KXH	D1
Zinc, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:38	KXH	F1

Results

Client Sample ID	FIELD BLANK	Collected	05/04/2026 12:00
Lab Sample ID	3457334005	Lab Receipt	05/04/2026 17:30

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Chloroform	5.7		ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 02:09	PDK	L

Results

Client Sample ID	FIELD BLANK	Collected	05/04/2026 12:00
Lab Sample ID	3457334005	Lab Receipt	05/04/2026 17:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:09	PDK	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:09	PDK	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	90.7%	62 – 133	05/08/2026 02:09	
4-Bromofluorobenzene	460-00-4	99.1%	79 – 114	05/08/2026 02:09	
Dibromofluoromethane	1868-53-7	99.9%	78 – 116	05/08/2026 02:09	
Toluene-d8	2037-26-5	102%	76 – 127	05/08/2026 02:09	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	ND	ND	mg/L	50	SM2320B-21	10	05/13/2026 02:02	TJH	A
Alkalinity, Total	ND	ND,2	mg/L	50	SM2320B-21	10	05/13/2026 02:02	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 14:02	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/06/2026 14:10	KMS	C
Chloride	ND	ND	mg/L	0.50	EPA 300.0	2	05/06/2026 00:43	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 00:43	J1W	A
Nitrate-N	ND	ND	mg/L	0.050	EPA 300.0	2	05/06/2026 00:43	J1W	A
pH	5.91	3	pH_Units		SM4500HB-21	1	05/07/2026 01:45	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 13:50	A1L	K
Specific Conductance	ND	ND	umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	ND	ND	mg/L	0.50	EPA 300.0	2	05/06/2026 00:43	J1W	A
Total Dissolved Solids	ND	ND	mg/L	25	SM2540C-20	1	05/07/2026 17:55	RAG	A
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SM5310B-14	1	05/06/2026 23:54	PAG	I
Turbidity	55		NTU	0.30	SM2130B-20	1	05/05/2026 09:08	AOO	A

Results

Client Sample ID	FFMP032W	Collected	05/04/2026 13:16
Lab Sample ID	3457334006	Lab Receipt	05/04/2026 17:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	50.62		Feet		Field	1	05/04/2026 13:16	EMP	H
Dissolved Oxygen	0.23		mg/L	0.01	Field	1	05/04/2026 13:16	EMP	H
Elev Top MW Casing above MSL	594.09		Feet		Field	1	05/04/2026 13:16	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/04/2026 13:16	EMP	H
Ground Water Elevation	543.47		ft/MSL		Field	1	05/04/2026 13:16	EMP	H
Oxidation-Reduction Potential	-108		mV		Field	1	05/04/2026 13:16	EMP	H
pH, Field (SM4500B)	7.23		pH_Units		Field	1	05/04/2026 13:16	EMP	H
Sample Depth	62.00		Feet		Field	1	05/04/2026 13:16	EMP	H
Specific Conductance, Field	257		umhos/cm	1	Field	1	05/04/2026 13:16	EMP	H
Temperature	14.76		Deg. C		Field	1	05/04/2026 13:16	EMP	H
Total Well Depth	77.60		Feet		Field	1	05/04/2026 13:16	EMP	H
Turbidity, Field	1420		NTU	1	Field	1	05/04/2026 13:16	EMP	H
Volume in Water Column	39.66		Gallons		Field	1	05/04/2026 13:16	EMP	H
Water Level After Purge	53.40		Feet		Field	1	05/04/2026 13:16	EMP	H
Well Volumes Purged	0.14		Vol		Field	1	05/04/2026 13:16	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 04:50	PDK	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Barium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Barium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Calcium, Dissolved	20.5		mg/L	0.11	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Calcium, Total	19.1		mg/L	0.11	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Iron, Dissolved	8.1		mg/L	0.056	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Iron, Total	8.6		mg/L	0.056	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Magnesium, Dissolved	8.0		mg/L	0.11	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Magnesium, Total	7.8		mg/L	0.11	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Manganese, Dissolved	0.97		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:34	KXH	D1

Results

Client Sample ID	FFMP032W	Collected	05/04/2026 13:16
Lab Sample ID	3457334006	Lab Receipt	05/04/2026 17:30

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.98		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:31	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:09	ZAS	F
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Potassium, Dissolved	1.6		mg/L	0.11	SW846 6020A	1	05/20/2026 10:40	KXH	D1
Potassium, Total	1.5		mg/L	0.11	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Sodium, Dissolved	14.7		mg/L	0.11	SW846 6020A	1	05/20/2026 10:40	KXH	D1
Sodium, Total	14.9		mg/L	1.1	SW846 6020A	10	05/19/2026 10:08	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:50	KXH	F1
Zinc, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:34	KXH	D1
Zinc, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:50	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L

Results

Client Sample ID	FFMP032W	Collected	05/04/2026 13:16
Lab Sample ID	3457334006	Lab Receipt	05/04/2026 17:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 04:50	PDK	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 04:50	PDK	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	93.7%	62 – 133	05/08/2026 04:50	
4-Bromofluorobenzene	460-00-4	101%	79 – 114	05/08/2026 04:50	
Dibromofluoromethane	1868-53-7	102%	78 – 116	05/08/2026 04:50	
Toluene-d8	2037-26-5	101%	76 – 127	05/08/2026 04:50	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	61		mg/L	5	SM2320B-21	1	05/07/2026 01:57	TJH	A
Alkalinity, Total	61	1,2	mg/L	5	SM2320B-21	1	05/07/2026 01:57	TJH	A
Ammonia-N, Low Level	0.33		mg/L	0.10	S4500NH3G-21	1	05/07/2026 14:05	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/06/2026 14:10	KMS	C
Chloride	48.1		mg/L	0.50	EPA 300.0	2	05/06/2026 00:58	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 00:58	J1W	A
Nitrate-N	0.054		mg/L	0.050	EPA 300.0	2	05/06/2026 00:58	J1W	A
pH	8.10	3	pH_Units		SM4500HB-21	1	05/07/2026 01:57	TJH	A
Phenolics	ND	ND,4,5	mg/L	0.004	SW846 9066	1	05/13/2026 13:53	A1L	K
Specific Conductance	260		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	0.66		mg/L	0.50	EPA 300.0	2	05/06/2026 00:58	J1W	A
Total Dissolved Solids	256		mg/L	25	SM2540C-20	1	05/07/2026 17:55	RAG	A

Results

Client Sample ID	FFMP032W	Collected	05/04/2026 13:16
Lab Sample ID	3457334006	Lab Receipt	05/04/2026 17:30

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	0.55		mg/L	0.50	SM5310B-14	1	05/06/2026 23:54	PAG	I
Turbidity	0.85		NTU	0.30	SM2130B-20	1	05/05/2026 09:08	AOO	A

Results

Client Sample ID	FFMP015W	Collected	05/04/2026 13:58
Lab Sample ID	3457334007	Lab Receipt	05/04/2026 17:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	64.38		Feet		Field	1	05/04/2026 14:28	EMP	H
Dissolved Oxygen	8.38		mg/L	0.01	Field	1	05/04/2026 14:28	EMP	H
Elev Top MW Casing above MSL	576.40		Feet		Field	1	05/04/2026 14:28	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/04/2026 14:28	EMP	H
Ground Water Elevation	512.02		ft/MSL		Field	1	05/04/2026 14:28	EMP	H
Oxidation-Reduction Potential	247		mV		Field	1	05/04/2026 14:28	EMP	H
pH, Field (SM4500B)	6.00		pH_Units		Field	1	05/04/2026 14:28	EMP	H
Sample Depth	135.00		Feet		Field	1	05/04/2026 14:28	EMP	H
Specific Conductance, Field	ND	ND	umhos/cm	1	Field	1	05/04/2026 14:28	EMP	H
Temperature	23.15		Deg. C		Field	1	05/04/2026 14:28	EMP	H
Total Well Depth	149.90		Feet		Field	1	05/04/2026 14:28	EMP	H
Turbidity, Field	ND	ND	NTU	1	Field	1	05/04/2026 14:28	EMP	H
Volume in Water Column	125.71		Gallons		Field	1	05/04/2026 14:28	EMP	H
Water Level After Purge	64.51		Feet		Field	1	05/04/2026 14:28	EMP	H
Well Volumes Purged	0.04		Vol		Field	1	05/04/2026 14:28	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 05:13	PDK	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Barium, Dissolved	0.037		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Barium, Total	0.037		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Calcium, Dissolved	24.9		mg/L	0.11	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Calcium, Total	24.1		mg/L	0.11	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Iron, Total	ND	ND	mg/L	0.056	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Magnesium, Dissolved	16.5		mg/L	0.11	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Magnesium, Total	16.9		mg/L	0.11	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Manganese, Dissolved	0.026		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:36	KXH	D1

Results

Client Sample ID	FFMP015W	Collected	05/04/2026 13:58
Lab Sample ID	3457334007	Lab Receipt	05/04/2026 17:30

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:20	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:14	ZAS	F
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Potassium, Dissolved	1.8		mg/L	0.11	SW846 6020A	1	05/20/2026 10:53	KXH	D1
Potassium, Total	1.8		mg/L	0.11	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Sodium, Dissolved	16.2		mg/L	0.11	SW846 6020A	1	05/20/2026 10:53	KXH	D1
Sodium, Total	17.1		mg/L	1.1	SW846 6020A	10	05/19/2026 10:10	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:53	KXH	F1
Zinc, Dissolved	0.013		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:36	KXH	D1
Zinc, Total	0.014		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:53	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L

Results

Client Sample ID	FFMP015W	Collected	05/04/2026 13:58
Lab Sample ID	3457334007	Lab Receipt	05/04/2026 17:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:13	PDK	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:13	PDK	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	92.8%	62 – 133	05/08/2026 05:13	
4-Bromofluorobenzene	460-00-4	97.2%	79 – 114	05/08/2026 05:13	
Dibromofluoromethane	1868-53-7	102%	78 – 116	05/08/2026 05:13	
Toluene-d8	2037-26-5	101%	76 – 127	05/08/2026 05:13	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	40		mg/L	5	SM2320B-21	1	05/07/2026 02:49	TJH	A
Alkalinity, Total	40	1,2	mg/L	5	SM2320B-21	1	05/07/2026 02:49	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 14:08	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/06/2026 14:10	KMS	C
Chloride	31.7		mg/L	0.50	EPA 300.0	2	05/06/2026 01:14	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 01:14	J1W	A
Nitrate-N	18.5		mg/L	0.050	EPA 300.0	2	05/06/2026 01:14	J1W	A
pH	7.75	3	pH_Units		SM4500HB-21	1	05/07/2026 02:49	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 14:03	A1L	K
Specific Conductance	380		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	30.0		mg/L	0.50	EPA 300.0	2	05/06/2026 01:14	J1W	A
Total Dissolved Solids	218		mg/L	25	SM2540C-20	1	05/07/2026 17:55	RAG	A

Results

Client Sample ID	FFMP015W	Collected	05/04/2026 13:58
Lab Sample ID	3457334007	Lab Receipt	05/04/2026 17:30

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	1.4		mg/L	0.50	SM5310B-14	1	05/06/2026 23:54	PAG	I
Turbidity	1.1		NTU	0.30	SM2130B-20	1	05/05/2026 09:08	AOO	A

Results

Client Sample ID	FFMP036W	Collected	05/04/2026 15:23
Lab Sample ID	3457334008	Lab Receipt	05/04/2026 17:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	46.26		Feet		Field	1	05/04/2026 15:23	EMP	H
Dissolved Oxygen	0.36		mg/L	0.01	Field	1	05/04/2026 15:23	EMP	H
Elev Top MW Casing above MSL	478.23		Feet		Field	1	05/04/2026 15:23	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/04/2026 15:23	EMP	H
Ground Water Elevation	431.97		ft/MSL		Field	1	05/04/2026 15:23	EMP	H
Oxidation-Reduction Potential	-142		mV		Field	1	05/04/2026 15:23	EMP	H
pH, Field (SM4500B)	7.55		pH_Units		Field	1	05/04/2026 15:23	EMP	H
Sample Depth	135.00		Feet		Field	1	05/04/2026 15:23	EMP	H
Specific Conductance, Field	567		umhos/cm	1	Field	1	05/04/2026 15:23	EMP	H
Temperature	15.10		Deg. C		Field	1	05/04/2026 15:23	EMP	H
Total Well Depth	142.60		Feet		Field	1	05/04/2026 15:23	EMP	H
Turbidity, Field	238		NTU	1	Field	1	05/04/2026 15:23	EMP	H
Volume in Water Column	141.62		Gallons		Field	1	05/04/2026 15:23	EMP	H
Water Level After Purge	46.43		Feet		Field	1	05/04/2026 15:23	EMP	H
Well Volumes Purged	0.02		Vol		Field	1	05/04/2026 15:23	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 05:36	PDK	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Barium, Dissolved	0.16		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Barium, Total	0.17		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Calcium, Dissolved	78.0		mg/L	0.11	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Calcium, Total	77.0		mg/L	0.11	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Iron, Dissolved	1.3		mg/L	0.056	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Iron, Total	1.9		mg/L	0.056	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Magnesium, Dissolved	8.5		mg/L	0.11	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Magnesium, Total	8.9		mg/L	0.11	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Manganese, Dissolved	0.26		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:38	KXH	D1

Results

Client Sample ID	FFMP036W	Collected	05/04/2026 15:23
Lab Sample ID	3457334008	Lab Receipt	05/04/2026 17:30

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.24		mg/L	0.0056	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:14	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 16:46	ZAS	F
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Potassium, Dissolved	1.2		mg/L	0.11	SW846 6020A	1	05/20/2026 10:56	KXH	D1
Potassium, Total	1.2		mg/L	0.11	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Sodium, Dissolved	19.2		mg/L	0.11	SW846 6020A	1	05/20/2026 10:56	KXH	D1
Sodium, Total	21.2		mg/L	1.1	SW846 6020A	10	05/19/2026 10:13	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 16:55	KXH	F1
Zinc, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:38	KXH	D1
Zinc, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 16:55	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L

Results

Client Sample ID	FFMP036W	Collected	05/04/2026 15:23
Lab Sample ID	3457334008	Lab Receipt	05/04/2026 17:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:36	PDK	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:36	PDK	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	93.2%	62 – 133	05/08/2026 05:36	
4-Bromofluorobenzene	460-00-4	101%	79 – 114	05/08/2026 05:36	
Dibromofluoromethane	1868-53-7	102%	78 – 116	05/08/2026 05:36	
Toluene-d8	2037-26-5	103%	76 – 127	05/08/2026 05:36	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	42		mg/L	5	SM2320B-21	1	05/07/2026 04:10	TJH	A
Alkalinity, Total	167	1,2	mg/L	5	SM2320B-21	1	05/07/2026 04:10	TJH	A
Ammonia-N, Low Level	0.31		mg/L	0.10	S4500NH3G-21	1	05/07/2026 14:11	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/06/2026 14:10	KMS	C
Chloride	55.7		mg/L	0.50	EPA 300.0	2	05/06/2026 01:29	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 01:29	J1W	A
Nitrate-N	ND	ND	mg/L	0.050	EPA 300.0	2	05/06/2026 01:29	J1W	A
pH	8.43	3	pH_Units		SM4500HB-21	1	05/07/2026 04:10	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 14:07	A1L	K
Specific Conductance	591		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	64.9		mg/L	0.50	EPA 300.0	2	05/06/2026 01:29	J1W	A
Total Dissolved Solids	314		mg/L	25	SM2540C-20	1	05/07/2026 17:55	RAG	A

Results

Client Sample ID	FFMP036W	Collected	05/04/2026 15:23
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WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	0.73		mg/L	0.50	SM5310B-14	1	05/06/2026 23:54	PAG	I
Turbidity	25		NTU	0.30	SM2130B-20	1	05/05/2026 09:08	AOO	A

Results

Client Sample ID	FFMP035W	Collected	05/04/2026 16:22
Lab Sample ID	3457334009	Lab Receipt	05/04/2026 17:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	43.18		Feet		Field	1	05/04/2026 16:22	EMP	H
Dissolved Oxygen	0.21		mg/L	0.01	Field	1	05/04/2026 16:22	EMP	H
Elev Top MW Casing above MSL	477.56		Feet		Field	1	05/04/2026 16:22	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/04/2026 16:22	EMP	H
Ground Water Elevation	434.38		ft/MSL		Field	1	05/04/2026 16:22	EMP	H
Oxidation-Reduction Potential	159		mV		Field	1	05/04/2026 16:22	EMP	H
pH, Field (SM4500B)	6.45		pH_Units		Field	1	05/04/2026 16:22	EMP	H
Sample Depth	65.00		Feet		Field	1	05/04/2026 16:22	EMP	H
Specific Conductance, Field	853		umhos/cm	1	Field	1	05/04/2026 16:22	EMP	H
Temperature	13.55		Deg. C		Field	1	05/04/2026 16:22	EMP	H
Total Well Depth	71.80		Feet		Field	1	05/04/2026 16:22	EMP	H
Turbidity, Field	ND	ND	NTU	1	Field	1	05/04/2026 16:22	EMP	H
Volume in Water Column	42.07		Gallons		Field	1	05/04/2026 16:22	EMP	H
Water Level After Purge	43.56		Feet		Field	1	05/04/2026 16:22	EMP	H
Well Volumes Purged	0.06		Vol		Field	1	05/04/2026 16:22	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 05:59	PDK	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Barium, Dissolved	0.10		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Barium, Total	0.11		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Calcium, Dissolved	89.9		mg/L	0.11	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Calcium, Total	88.3		mg/L	0.11	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Chromium, Dissolved	0.0034		mg/L	0.0022	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Iron, Total	0.062		mg/L	0.056	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Magnesium, Dissolved	16.5		mg/L	0.11	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Magnesium, Total	16.0		mg/L	0.11	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Manganese, Dissolved	0.083		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:41	KXH	D1

Results

Client Sample ID	FFMP035W	Collected	05/04/2026 16:22
Lab Sample ID	3457334009	Lab Receipt	05/04/2026 17:30

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.085		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:15	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:00	ZAS	F
Nickel, Total	0.029		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Potassium, Dissolved	2.5		mg/L	0.11	SW846 6020A	1	05/20/2026 10:58	KXH	D1
Potassium, Total	2.5		mg/L	0.11	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Sodium, Dissolved	43.8		mg/L	0.11	SW846 6020A	1	05/20/2026 10:58	KXH	D1
Sodium, Total	47.3		mg/L	1.1	SW846 6020A	10	05/19/2026 10:15	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:07	KXH	F1
Zinc, Dissolved	0.019		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:41	KXH	D1
Zinc, Total	0.019		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:07	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L

Results

Client Sample ID	FFMP035W	Collected	05/04/2026 16:22
Lab Sample ID	3457334009	Lab Receipt	05/04/2026 17:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 05:59	PDK	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 05:59	PDK	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	90.4%	62 – 133	05/08/2026 05:59	
4-Bromofluorobenzene	460-00-4	94%	79 – 114	05/08/2026 05:59	
Dibromofluoromethane	1868-53-7	99.8%	78 – 116	05/08/2026 05:59	
Toluene-d8	2037-26-5	98.3%	76 – 127	05/08/2026 05:59	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	134		mg/L	5	SM2320B-21	1	05/07/2026 04:22	TJH	A
Alkalinity, Total	134	1,2	mg/L	5	SM2320B-21	1	05/07/2026 04:22	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 14:15	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/06/2026 14:10	KMS	C
Chloride	156		mg/L	0.50	EPA 300.0	2	05/06/2026 01:45	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 01:45	J1W	A
Nitrate-N	7.2		mg/L	0.050	EPA 300.0	2	05/06/2026 01:45	J1W	A
pH	8.11	3	pH_Units		SM4500HB-21	1	05/07/2026 04:22	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 14:10	A1L	K
Specific Conductance	892		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	47.6		mg/L	0.50	EPA 300.0	2	05/06/2026 01:45	J1W	A
Total Dissolved Solids	554		mg/L	25	SM2540C-20	1	05/07/2026 17:55	RAG	A

Results

Client Sample ID	FFMP035W	Collected	05/04/2026 16:22
Lab Sample ID	3457334009	Lab Receipt	05/04/2026 17:30

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	1.0		mg/L	0.50	SM5310B-14	1	05/06/2026 23:54	PAG	I
Turbidity	2.1		NTU	0.30	SM2130B-20	1	05/05/2026 09:08	AOO	A

Results

Client Sample ID	FFMP033W	Collected	05/04/2026 15:59
Lab Sample ID	3457334010	Lab Receipt	05/04/2026 17:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	19.97		Feet		Field	1	05/04/2026 15:59	EMP	H
Dissolved Oxygen	3.15		mg/L	0.01	Field	1	05/04/2026 15:59	EMP	H
Elev Top MW Casing above MSL	516.52		Feet		Field	1	05/04/2026 15:59	EMP	H
Flow Rate	1.67		gal/min		Field	1	05/04/2026 15:59	EMP	H
Ground Water Elevation	496.55		ft/MSL		Field	1	05/04/2026 15:59	EMP	H
Oxidation-Reduction Potential	112		mV		Field	1	05/04/2026 15:59	EMP	H
pH, Field (SM4500B)	5.48		pH_Units		Field	1	05/04/2026 15:59	EMP	H
Sample Depth	79.00		Feet		Field	1	05/04/2026 15:59	EMP	H
Specific Conductance, Field	464		umhos/cm	1	Field	1	05/04/2026 15:59	EMP	H
Temperature	15.73		Deg. C		Field	1	05/04/2026 15:59	EMP	H
Total Well Depth	100.00		Feet		Field	1	05/04/2026 15:59	EMP	H
Turbidity, Field	105		NTU	1	Field	1	05/04/2026 15:59	EMP	H
Volume in Water Column	117.64		Gallons		Field	1	05/04/2026 15:59	EMP	H
Water Level After Purge	48.50		Feet		Field	1	05/04/2026 15:59	EMP	H
Well Volumes Purged	1.76		Vol		Field	1	05/04/2026 15:59	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 06:22	PDK	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Barium, Dissolved	0.073		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Barium, Total	0.073		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Calcium, Dissolved	35.4		mg/L	0.11	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Calcium, Total	34.2		mg/L	0.11	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Iron, Dissolved	1.4		mg/L	0.056	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Iron, Total	5.8		mg/L	0.056	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Magnesium, Dissolved	14.7		mg/L	0.11	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Magnesium, Total	14.0		mg/L	0.11	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Manganese, Dissolved	0.12		mg/L	0.0056	SW846 6020A	1	05/19/2026 11:58	KXH	D1

Results

Client Sample ID	FFMP033W	Collected	05/04/2026 15:59
Lab Sample ID	3457334010	Lab Receipt	05/04/2026 17:30

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.12		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Mercury, Dissolved	ND	ND,6	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:09	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:13	ZAS	F
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Potassium, Dissolved	1.9		mg/L	0.11	SW846 6020A	1	05/20/2026 11:01	KXH	D1
Potassium, Total	1.9		mg/L	0.11	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Sodium, Dissolved	20.2		mg/L	0.11	SW846 6020A	1	05/20/2026 11:01	KXH	D1
Sodium, Total	21.0		mg/L	1.1	SW846 6020A	10	05/19/2026 10:38	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:10	KXH	F1
Zinc, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 11:58	KXH	D1
Zinc, Total	0.0068		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:10	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L

Results

Client Sample ID	FFMP033W	Collected	05/04/2026 15:59
Lab Sample ID	3457334010	Lab Receipt	05/04/2026 17:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 06:22	PDK	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:22	PDK	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	92.8%	62 – 133	05/08/2026 06:22	
4-Bromofluorobenzene	460-00-4	98.8%	79 – 114	05/08/2026 06:22	
Dibromofluoromethane	1868-53-7	102%	78 – 116	05/08/2026 06:22	
Toluene-d8	2037-26-5	101%	76 – 127	05/08/2026 06:22	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	23		mg/L	5	SM2320B-21	1	05/07/2026 04:35	TJH	A
Alkalinity, Total	23	1,2	mg/L	5	SM2320B-21	1	05/07/2026 04:35	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 14:24	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/06/2026 14:10	KMS	C
Chloride	97.7		mg/L	0.50	EPA 300.0	2	05/06/2026 02:00	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 02:00	J1W	A
Nitrate-N	11.7		mg/L	0.050	EPA 300.0	2	05/06/2026 02:00	J1W	A
pH	7.42	3	pH_Units		SM4500HB-21	1	05/07/2026 04:35	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 14:13	A1L	K
Specific Conductance	473		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	13.7		mg/L	0.50	EPA 300.0	2	05/06/2026 02:00	J1W	A
Total Dissolved Solids	312		mg/L	25	SM2540C-20	1	05/07/2026 17:55	RAG	A

Results

Client Sample ID	FFMP033W	Collected	05/04/2026 15:59
Lab Sample ID	3457334010	Lab Receipt	05/04/2026 17:30

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SM5310B-14	1	05/07/2026 20:49	PAG	I
Turbidity	50		NTU	0.30	SM2130B-20	1	05/05/2026 09:08	AOO	A

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3457334001	FFMP02SW	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457334002	FFMP02DW	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457334003	FFMP002W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3457334004	FFMP031W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457334005	FIELD BLANK	SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457334006	FFMP032W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3457334007	FFMP015W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457334008	FFMP036W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457334009	FFMP035W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3457334010	FFMP033W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3457334001	FFMP02SW	N/A	N/A	N/A		Field	1547731
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1543451
		N/A	N/A	N/A		EPA 410.4	1544105
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1543455
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1544789
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544169
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457334002	FFMP02DW	N/A	N/A	N/A		Field	1547731
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1544592
		N/A	N/A	N/A		EPA 300.0	1543451
		N/A	N/A	N/A		EPA 410.4	1544105
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1543455
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1544789
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544169
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457334003	FFMP002W	N/A	N/A	N/A		Field	1547731
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1543451
		N/A	N/A	N/A		EPA 410.4	1544105
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1543455
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1544789
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544169
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3457334004	FFMP031W	N/A	N/A	N/A		Field	1548606
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1543451
		N/A	N/A	N/A		EPA 410.4	1544105
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1543455
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1544789
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544169
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457334005	FIELD BLANK	SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1543451
		N/A	N/A	N/A		EPA 410.4	1544105
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1543455
		N/A	N/A	N/A		SM2320B-21	1545963
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1544789
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544169
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457334006	FFMP032W	N/A	N/A	N/A		Field	1548606
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1543451
		N/A	N/A	N/A		EPA 410.4	1544105
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1543455
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1544789
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544169
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3457334007	FFMP015W	N/A	N/A	N/A		Field	1547731
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1543451
		N/A	N/A	N/A		EPA 410.4	1544105
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1543455
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1544789
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544169
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457334008	FFMP036W	N/A	N/A	N/A		Field	1548606
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1543451
		N/A	N/A	N/A		EPA 410.4	1544105
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1543455
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1544789
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544169
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457334009	FFMP035W	N/A	N/A	N/A		Field	1548606
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1543451
		N/A	N/A	N/A		EPA 410.4	1544105
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1543455
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1544789
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544169
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094

Project **Frey Farm Annual**

Workorder **3457334**

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3457334010	FFMP033W	N/A	N/A	N/A		Field	1549030
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1543451
		N/A	N/A	N/A		EPA 410.4	1544105
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1543455
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1544789
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544818
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094

301 Fulling Mill Rd, Suite A
Middletown, PA 17057
P. 717-944-5541

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

COC #: 3457334 Logged By: MZP PM: SIW of

ALS Quote #:

Client Name: Lancaster County Solid Waste MA

Address: 1299 Harrisburg Pike, Lancaster PA 17604

Contact: Dan Brown

Phone#: 717-553-5864

Project Name/#: Frey Farm Annual

Bill To: Lancaster County Solid Waste MA

Purchase Order #:

TAT [X] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALS approval and surcharges.

Date Required: Approved?

Email? [X] dbrown@lcswma.org

	Container Type	AG	AN	CG	P	P			P	P	P
	Container Size	40ml	125ml	40ml	1L	500ml			250ml	125ml	125ml
	Preservative	HCL	H2SO4	HCL	UNP	UNP			H2SO4	HNO3	HNO3

Orthophosphate Filtered? Yes No Hexavalent Chromium Filtered? Yes No

ANALYSIS / METHOD REQUESTED

	Sample Description/Location (as it will appear on the lab report)		Date Collected mm/dd/yy	Time hh:mm	SDWA Sample Type (see key)	*G or C	**Matrix (See bottom of COC)	TOC	O-OH	VOC (form 19A) +LS + Subtitle D	pH, CL, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, HCO3	FM	Sample Debth for AUX Data	NH3-N, COD	Dis Metals Fe,Mn,Na,Ba,Cr,Cu, Pb,Mg,k,Zn,As,Cd,Se,Ag,Hg,Ca	Total Metals Form 19A + Subtitle D
	Enter Number of Containers Per Sample or Field Results Below.																
1	FFMP02SW	X	4/4/26	09:34		G	GW	2	1	3	1	1	x	x	1	2	2
2	FFMP02DW	X	4/4/26	10:01		G	GW	2	1	2	1	1	X	X	1	1	1
3	FFMP002W	X	4/4/26	11:05		G	GW	2	1	2	1	1	X	X	1	1	1
4	FFMP031W	X	4/4/26	12:48		G	GW	2	1	2	1	1	X	X	1	1	1
5	FIELD BLANK	X	4/4/26	12:00			DI	2	1	2	1	1	X	X	1	1	1
6	FFMP032W	X	4/4/26	13:16		G	GW	2	1	2	1	1	X	X	1	1	1
7	FFMP015W	X	4/4/26	13:58		G	GW	2	1	2	1	1	X	X	1	1	1
8	FFMP036W	X	4/4/26	15:23		G	GW	2	1	2	1	1	X	X	1	1	1
9	FFMP035W	X	4/4/26	16:22		G	GW	2	1	2	1	1	X	X	1	1	1
10	FFMP034W	X	4/4/26	15:59		G	GW	2	1	2	1	1	X	X	1	1	1

Receipt

Temp Taken By: Nana Therm ID: 569 WO Temp (°C) 5°

Receipt Info completed by:_____ WV Containers 0-6°C Y N NA

Cooler Custody Seals Intact	Y	N	NA
Sample Custody Seal Intact	Y	N	NA
Received on Ice	Y	N	NA
Coolers & Samples Intact	Y	N	
Correct Containers Provided	Y	N	
Sample Label/COC Agree	Y	N	
Adequate Sample Volumes	Y	N	
VOA only: Trip Blank	Y	N	NA
NJ ≤ 4 days?	Y	N	

Courier/Tracking #

Deviations? NO YES If YES, list below

Client contact: Date/Tech:

Sample(s) for Radiation testing? Y N Rad Screen (uCi)_____

Reportable SDWA Sample(s)? Y N New Source? Y N

SDWA State of Origin?_____ New Source Contact:

PWSID #__

PWS Contact:_____ PWS Phone #:_____

SDWA Sample Type Key: D=Distribution E=Entry Point R=Raw P=Plant C=Check S=Special A=Annual Startup

Sample/COC Remarks

MP 5/4/26

Sampling Hours

Contains Short Hold Testing YES NO

Internal Use: If less than 48 hours - notify lab upon receipt

Circle Sample Collector: ALS Tech / Client

Name: EP ID:

Comments: X sample date is 5/4/26 not 4/4/26 5/4/26

Date:	Time		Relinquished By / Company Name		Received By / Company Name
4/4/2026	1730	1	ALS EP	2	MRTP
		3		4	
		5		6	
		7		8	
		9		10	

Data Deliverables: [ ] Standard Lvl 1 [ ] Standard Lvl 2 [ ] Standard Lvl 3 [ ] Standard Lvl 4 [ ] CLP-like [ ] DOD [ ] NJ RED [ ] NJ Full [ ] HSCA [ ] Landfill [ ] NJ GW [ ] _____

EDDs: [ ] Excel Summary [ ] Equis [ ] Custom EDDS: Format Type

Sample Disposal: Lab [x] Special [ ]

State Samples Collected In: [ ] NY [ ] NJ [x] PA [ ] WV [ ] FL [ ] other

* G=Grab; C=Composite **Matrix - A=Air; D=Drinking Water; GW=Groundwater; O=Oil; LW=Liquid Waste; S=Solid/Soil/Sludge; SW=Surface Water; WP=Wipe; WW=Wastewater

ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Suite A, Middletown, PA 17057

Rev 07.06.2023

Middletown Sample Condition Form

Client Lancaster County SW.MA Workorder 3457334

Temp °C 5° Therm ID 569 Ice? (Y) N N/A Initials & Date Nana 5.8.26

Fedex UPS (Client) ALS Other Tracking # _____

	Yes	No[1]	N/A	Comments
Cooler Custody Seals present & intact			—	
Sample Custody Seals present & intact			—	
Chain-of-Custody present	—			
Sample collector name present *If not present, must contact PM/client to request name.*	—			
COC/bottle labels complete & in agreement	T			
•Sample location	↓			
•Date and time of sample collection				
•Type(s) of preservation				
•Number of containers				
•Composite or grab				
•Matrix				
Proper containers, preservation, and volume per method	—			
Received within hold time	—			
Containers intact	—			
Trip blanks present (EPA 504, EPA 524)			—	
Field blanks present (Hg 1631, PFAS)	—			
NJ ≤ 4 Days			T	
CR6 Samples Filtered			↓	
OP Samples Filtered				
WV Containers 0-6°C				
SDWA compliance reporting				

[1] *If No, provide comment*

Rad Screen (uCi) —

PM - PM to contact client
N/A - Not Applicable
UC - Updated coc with missing information

Review Comments:
Client emailed 5/11 to notify me of Incorrect Sample date on COC.
Sampled 5/4 not 4/4 S/W 5/11/26

Rev. 1/2/2026

5/12/2026 12:19 PM

Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 www.alsglobal.com
Associated Site: 2550 Boulevard of the Generals, Suite 290 | West Norriton, PA 19403 | Phone: 717-982-8315

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For **Lancaster County Solid Waste Authority**

Project Frey Farm Annual
Workorder 3458943
Report ID 516165 on 6/15/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on May 21, 2026.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Stacey Welk (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
Jordan Bigler - Lancaster County Solid Waste Authority
Daniel Brown - Lancaster County Solid Waste Authority
Jordan McConathey - Lancaster County Solid Waste Authority
Jeff Musser - Lancaster County Solid Waste Authority
Stacey Welk - ALS Environmental

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Stacey Welk

Stacey Welk *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3458943001	FFMP03AW	Ground Water	05/21/2026 11:56	05/21/2026 14:00	EMP	ALS Environmental-Middletown

Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.

Project Notations

Sample Notations

Lab ID	Sample ID

Result Notations

Notation Ref.	
1	The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO3/L.
2	The QC sample type MB for method EPA 300.0 was outside the control limits for the analyte Chloride. The concentration was reported at 0.27 mg/L and the control limit is less than 0.11mg/L.
3	The pH analysis is an "analyze immediately" analysis. Parameters identified as "analyze immediately" require analysis within 15 minutes of collection, and are therefore analyzed outside of the method holding time when analyzed in the laboratory.

Detected Results Summary

Client Sample ID	FFMP03AW	Collected	05/21/2026 11:56
Lab Sample ID	3458943001	Lab Receipt	05/21/2026 14:00

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	53.30	Feet		Field	#
Dissolved Oxygen	4.35	mg/L	0.01	Field	#
Oxidation-Reduction Potential	211	mV		Field	#
pH, Field (SM4500B)	4.98	pH_Units		Field	#
Specific Conductance, Field	365	umhos/cm	1	Field	#
Temperature	13.36	Deg. C		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.073	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.072	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	21.1	mg/L	0.11	SW846 6020A	#
Calcium, Total	21.2	mg/L	0.11	SW846 6020A	#
Copper, Dissolved	0.0057	mg/L	0.0056	SW846 6020A	#
Copper, Total	0.0070	mg/L	0.0056	SW846 6020A	#
Magnesium, Dissolved	18.9	mg/L	0.11	SW846 6020A	#
Magnesium, Total	18.8	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.23	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.23	mg/L	0.0056	SW846 6020A	#
Nickel, Total	0.018	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	1.6	mg/L	0.11	SW846 6020A	#
Potassium, Total	1.7	mg/L	0.55	SW846 6020A	#
Sodium, Dissolved	18.7	mg/L	0.11	SW846 6020A	#
Sodium, Total	18.5	mg/L	0.55	SW846 6020A	#
Zinc, Dissolved	0.041	mg/L	0.0056	SW846 6020A	#
Zinc, Total	0.044	mg/L	0.0056	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	15	mg/L	5	SM2320B-21	#
Alkalinity, Total	15	mg/L	5	SM2320B-21	#
Chloride	64.3	mg/L	0.50	EPA 300.0	#
Nitrate-N	19.0	mg/L	0.050	EPA 300.0	#
pH	7.55	pH_Units		SM4500HB-21	#
Specific Conductance	422	umhos/cm	5	SM2510B-21	#
Sulfate	1.3	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	250	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	0.67	mg/L	0.50	SM5310B-14	#
Turbidity	1.1	NTU	0.30	SM2130B-20	#

Results

Client Sample ID	FFMP03AW	Collected	05/21/2026 11:56
Lab Sample ID	3458943001	Lab Receipt	05/21/2026 14:00

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	53.30		Feet		Field	1	05/21/2026 11:56	SM	H
Dissolved Oxygen	4.35		mg/L	0.01	Field	1	05/21/2026 11:56	SM	H
Oxidation-Reduction Potential	211		mV		Field	1	05/21/2026 11:56	SM	H
pH, Field (SM4500B)	4.98		pH_Units		Field	1	05/21/2026 11:56	SM	H
Specific Conductance, Field	365		umhos/cm	1	Field	1	05/21/2026 11:56	SM	H
Temperature	13.36		Deg. C		Field	1	05/21/2026 11:56	SM	H
Turbidity, Field	ND	ND	NTU	1	Field	1	05/21/2026 11:56	SM	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/23/2026 15:59	JTH	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Barium, Dissolved	0.073		mg/L	0.0056	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Barium, Total	0.072		mg/L	0.0056	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Calcium, Dissolved	21.1		mg/L	0.11	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Calcium, Total	21.2		mg/L	0.11	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Copper, Dissolved	0.0057		mg/L	0.0056	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Copper, Total	0.0070		mg/L	0.0056	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Iron, Total	ND	ND	mg/L	0.056	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Magnesium, Dissolved	18.9		mg/L	0.11	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Magnesium, Total	18.8		mg/L	0.11	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Manganese, Dissolved	0.23		mg/L	0.0056	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Manganese, Total	0.23		mg/L	0.0056	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	06/02/2026 15:45	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	06/02/2026 17:05	ZAS	F
Nickel, Total	0.018		mg/L	0.0056	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Potassium, Dissolved	1.6		mg/L	0.11	SW846 6020A	1	06/02/2026 13:16	KXH	D1
Potassium, Total	1.7		mg/L	0.55	SW846 6020A	5	06/02/2026 11:59	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	06/01/2026 14:16	KXH	F1

Results

Client Sample ID	FFMP03AW	Collected	05/21/2026 11:56
Lab Sample ID	3458943001	Lab Receipt	05/21/2026 14:00

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Sodium, Dissolved	18.7		mg/L	0.11	SW846 6020A	1	06/02/2026 13:16	KXH	D1
Sodium, Total	18.5		mg/L	0.55	SW846 6020A	5	06/02/2026 11:59	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	06/01/2026 14:16	KXH	F1
Zinc, Dissolved	0.041		mg/L	0.0056	SW846 6020A	1	06/01/2026 15:31	KXH	D1
Zinc, Total	0.044		mg/L	0.0056	SW846 6020A	1	06/01/2026 14:16	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L

Results

Client Sample ID	FFMP03AW	Collected	05/21/2026 11:56
Lab Sample ID	3458943001	Lab Receipt	05/21/2026 14:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/23/2026 15:59	JTH	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/23/2026 15:59	JTH	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99.4%	62 – 133	05/23/2026 15:59	
4-Bromofluorobenzene	460-00-4	96.2%	79 – 114	05/23/2026 15:59	
Dibromofluoromethane	1868-53-7	98.5%	78 – 116	05/23/2026 15:59	
Toluene-d8	2037-26-5	96.3%	76 – 127	05/23/2026 15:59	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	15		mg/L	5	SM2320B-21	1	06/02/2026 02:35	TJH	A
Alkalinity, Total	15	1	mg/L	5	SM2320B-21	1	06/02/2026 02:35	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/25/2026 18:13	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/27/2026 11:22	KMS	C
Chloride	64.3	2	mg/L	0.50	EPA 300.0	2	05/22/2026 17:37	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/22/2026 17:37	J1W	A
Nitrate-N	19.0		mg/L	0.050	EPA 300.0	2	05/22/2026 17:37	J1W	A
pH	7.55	3	pH_Units		SM4500HB-21	1	06/02/2026 02:35	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	06/03/2026 17:30	A1L	K
Specific Conductance	422		umhos/cm	5	SM2510B-21	1	05/29/2026 12:26	TJH	A
Sulfate	1.3		mg/L	0.50	EPA 300.0	2	05/22/2026 17:37	J1W	A
Total Dissolved Solids	250		mg/L	25	SM2540C-20	1	05/27/2026 14:45	RAG	A
Total Organic Carbon (TOC)	0.67		mg/L	0.50	SM5310B-14	1	05/27/2026 17:12	PAG	I
Turbidity	1.1		NTU	0.30	SM2130B-20	1	05/22/2026 12:01	AOO	A

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3458943001	FFMP03AW	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3458943001	FFMP03AW	N/A	N/A	N/A		Field	
		SW846 3015A	1550374	05/27/2026 14:14	RMH	SW846 6020A	1550404
		SW846 3015A	1550374	05/27/2026 14:14	RMH	SW846 6020A	1551341
		SW846 3015A	1550624	05/29/2026 12:26	RMH	SW846 6020A	1551343
		SW846 3015A	1550624	05/29/2026 12:26	RMH	SW846 6020A	1550974
		SW846 7470A	1550993	06/01/2026 12:00	ZAS	SW846 7470A	1551978
		SW846 7470A	1550998	06/01/2026 12:00	ZAS	SW846 7470A	1551981
		N/A	N/A	N/A		Lib Search VOC	1551384
		N/A	N/A	N/A		SW846 8260B	1549100
		N/A	N/A	N/A		EPA 300.0	1548979
		N/A	N/A	N/A		EPA 410.4	1550048
		N/A	N/A	N/A		S4500NH3G-21	1548960
		N/A	N/A	N/A		SM2130B-20	1548968
		N/A	N/A	N/A		SM2320B-21	1550966
		N/A	N/A	N/A		SM2510B-21	1550558
		N/A	N/A	N/A		SM2540C-20	1550279
		N/A	N/A	N/A		SM4500HB-21	1550966
		N/A	N/A	N/A		SM5310B-14	1550064
		SW846 9066	1551041	06/03/2026 11:44	A1L	SW846 9066	1552008

301 Fulling Mill Rd, Suite A
Middletown, PA 17057
P. 717-944-5541

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

COC #: 3458943 of

ALS Quote #:

Logged By: MZP
PM: SIW

Client Name: Lancaster County Solid Waste MA

Address: 1299 Harrisburg Pike, Lancaster PA 17604

Contact: Dan Brown
Phone#: 717-553-5864
Project Name/#: Frey Farm Annual
Bill To: Lancaster County Solid Waste MA
Purchase Order #:

TAT [X] Normal-Standard TAT is 10-12 business days.
[ ] Rush-Subject to ALS approval and surcharges.
Date Required: Approved?
Email? [X] dbrown@lcswma.org

	Container Type	AG	AN	CG	P	P			P	P	P
	Container Size	40ml	125ml	40ml	1L	500ml			250ml	125ml	125ml
	Preservative	HCL	H2SO4	HCL	UNP	UNP			H2SO4	HNO3	HNO3

Orthophosphate Filtered? Yes No Hexavalent Chromium Filtered? Yes No

ANALYSIS / METHOD REQUESTED

	Sample Description/Location (as it will appear on the lab report)	Date Collected mm/dd/yy	Time hh:mm	SDWA Sample Type (see key)	*G or C	**Matrix (See bottom of COC)	TOC	O-OH	VOC (form 19A) +LS + Subtitle D	pH, CL, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, HCO3	FM	Sample Debth for AUX Data	NH3-N, COD	Dis Metals Fe,Mn,Na,Ba,Cr,Cu, Pb,Mg,K,Zn,As,Cd,Se,Ag,Hg,Ca	Total Metals Form 19A + Subtitle D
	Enter Number of Containers Per Sample or Field Results Below.															
1	FFMP03AW	5/21/26	11:56		G	GW	2	1	3 HCh 5-21-26	1	1	x	x	1	1 2	1 2
2																
3																
4																
5																
6																
7																
8																
9																
10																

Sample Collector: ALS Tech / Client
e: EP ID:

Comments:

	Time		Relinquished By / Company Name		Received By / Company Name
/2026	14:00	1	ALS EP	2	
		3		4	
		5		6	
		7		8	
		9		10	

* G=Grab; C=Composite **Matrix - A=Air; D=Drinking Water; GW=Groundwater; O=Oil; LW=Liquid Waste; S=Solid/Soil/Sludge; SW=Surface Water; WP=Wipe; WW=Wastewater

ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Suite A, Middletown, PA 17057

Temp Taken By: Receipt

Receipt Info completed by:

Cooler Custody Seals Intact	Y	N	NA
Sample Custody Seal Intact	Y	N	NA
Received on Ice	Y	N	NA
Coolers & Samples Intact	Y	N	
Correct Containers Provided	Y	N	
Sample Label/COC Agree	Y	N	
Adequate Sample Volumes	Y	N	
VOA only: Trip Blank	Y	N	NA

NJ ≤ 4 days? Y N
Courier/Tracking #

Containers 0-6 C Y N NA

Deviations? NO YES
If YES, list below:

Client contact:
Date/Tech:

Sample(s) for Radiation testing? Y N
Reportable SDWA Sample(s)? Y N
SDWA State of Origin?
PWSID #
PWS Contact: PWS Phone #:

Rad Screen (uCi)
New Source? Y N
New Source Contact:

SDWA Sample Type Key: D=Distribution E=Entry Point R=Raw P=Plant C=Check S=Special A=Annual Startup

Sample/COC Remarks

Sampling Hours

Contains Short Hold Testing YES NO
Internal Use: If less than 48 hours - notify lab upon receipt

Data Deliverables: [ ] Standard Lvl 1 [ ] Standard Lvl 2 [ ] Standard Lvl 3 [ ] Standard Lvl 4 [ ] CLP-like [ ] DOD [ ] NJ RED [ ] NJ Full [ ] HSCA [ ] Landfill [ ] NJ GW [ ]

EDDs: [ ] Excel Summary [ ] Equis [ ] Custom

Sample Disposal: Lab [x] Special [ ]

EDDS: Format Type

State Samples Collected In: [ ] NY [ ] NJ [x] PA [ ] WV [ ] FL [ ] other

Middletown Sample Condition Form

Client LCSWMA Workorder 3458943

Temp °C 8 Therm ID 352 Ice? (Y) N N/A Initials & Date tkh 5-21-26

Fedex UPS Client (ALS) Other Tracking # _____

	Yes	No[1]	N/A	Comments
Cooler Custody Seals present & intact			✱	
Sample Custody Seals present & intact			✱	
Chain-of-Custody present	✱			
Sample collector name present *If not present, must contact PM/client to request name.*	✱			
COC/bottle labels complete & in agreement		✱		
•Sample location	✱			
•Date and time of sample collection				
•Type(s) of preservation	✱			
•Number of containers		✱		UC
•Composite or grab	✱			
•Matrix				
Proper containers, preservation, and volume per method				
Received within hold time				
Containers intact	✱			
Trip blanks present (EPA 504, EPA 524)			✱	
Field blanks present (Hg 1631, PFAS)				
NJ ≤ 4 Days				
CR6 Samples Filtered				
OP Samples Filtered				
WV Containers 0-6°C				
SDWA compliance reporting			✱	

[1] *If No, provide comment*

Rad Screen (uCi) _____

PM - PM to contact client
N/A - Not Applicable
UC - Updated coc with missing information

Review Comments:

_____

_____

_____

Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | www.alsglobal.com
Associated Site: 20 Riverside Drive | Spring City, PA 19475 | Phone: 610-948-4903 |

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For **Lancaster County Solid Waste Authority**

Project Frey Farm Annual
Workorder 3457426
Report ID 512354 on 5/21/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on May 05, 2026.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Stacey Welk (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
Jordan Bigler - Lancaster County Solid Waste Authority
Daniel Brown - Lancaster County Solid Waste Authority
Jordan McConathey - Lancaster County Solid Waste Authority
Jeff Musser - Lancaster County Solid Waste Authority
Stacey Welk - ALS Environmental

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Stacey Welk

Stacey Welk *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3457426001	FFMP039W	Ground Water	05/05/2026 09:56	05/05/2026 15:20	C	
3457426002	FFMP038W	Ground Water	05/05/2026 10:50	05/05/2026 15:20	C	
3457426003	TRIP BLANK	Water	05/05/2026 00:00	05/05/2026 15:20	C	
3457426004	FIELD BLANK	Water	05/05/2026 10:00	05/05/2026 15:20	C	
3457426005	FFMP26RW	Ground Water	05/05/2026 12:03	05/05/2026 15:20	C	
3457426006	FFMP005W	Ground Water	05/05/2026 12:53	05/05/2026 15:20	C	
3457426007	FFMP30RW	Ground Water	05/05/2026 14:03	05/05/2026 15:20	C	
3457426008	FFMP04AW	Ground Water	05/05/2026 13:38	05/05/2026 15:20	C	

Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.

Project Notations

Sample Notations

Lab ID	Sample ID

Result Notations

Notation Ref.	
1	The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO3/L.
2	The QC sample type STDL for method SM2320B-21 was outside the control limits for the analyte Alkalinity, Total. The % Recovery was reported as 86.1 and the control limits were 90 to 110.
3	The QC sample type MSD for method EPA 300.0 was outside the control limits for the analyte Chloride. The % Recovery was reported as 68.1 and the control limits were 80 to 120.
4	The QC sample type MS for method EPA 300.0 was outside the control limits for the analyte Chloride. The % Recovery was reported as 77 and the control limits were 80 to 120.
5	The pH analysis is an "analyze immediately" analysis. Parameters identified as "analyze immediately" require analysis within 15 minutes of collection, and are therefore analyzed outside of the method holding time when analyzed in the laboratory.
6	The QC sample type DUP for method SM2540C-20 was outside the control limits for the analyte Total Dissolved Solids. The RPD was reported as 10.5 and the upper control limit is 5.
7	The QC sample type MS for method SW846 9066 was outside the control limits for the analyte Phenolics. The % Recovery was reported as 46.4 and the control limits were 90 to 110.
8	The QC sample type MS for method EPA 300.0 was outside the control limits for the analyte Chloride. The % Recovery was reported as 30.5 and the control limits were 80 to 120.
9	The QC sample type MS for method EPA 300.0 was outside the control limits for the analyte Sulfate. The % Recovery was reported as 75.8 and the control limits were 80 to 120.
10	The QC sample type MS for method SW846 8260B was outside the control limits for the analyte Styrene. The % Recovery was reported as 68.7 and the control limits were 79 to 123.

Detected Results Summary

Client Sample ID	FFMP039W	Collected	05/05/2026 09:56
Lab Sample ID	3457426001	Lab Receipt	05/05/2026 15:20

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	22.21	Feet		Field	#
Dissolved Oxygen	0.22	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	455.65	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	433.44	ft/MSL		Field	#
Oxidation-Reduction Potential	-190	mV		Field	#
pH, Field (SM4500B)	8.08	pH_Units		Field	#
Sample Depth	118.00	Feet		Field	#
Specific Conductance, Field	480	umhos/cm	1	Field	#
Temperature	14.46	Deg. C		Field	#
Total Well Depth	131.50	Feet		Field	#
Turbidity, Field	9	NTU	1	Field	#
Volume in Water Column	160.66	Gallons		Field	#
Water Level After Purge	29.21	Feet		Field	#
Well Volumes Purged	0.03	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.12	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.12	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	68.7	mg/L	0.11	SW846 6020A	#
Calcium, Total	65.8	mg/L	0.11	SW846 6020A	#
Iron, Dissolved	0.93	mg/L	0.056	SW846 6020A	#
Iron, Total	1.9	mg/L	0.056	SW846 6020A	#
Magnesium, Dissolved	6.5	mg/L	0.11	SW846 6020A	#
Magnesium, Total	6.4	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.067	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.068	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	0.97	mg/L	0.11	SW846 6020A	#
Potassium, Total	0.99	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	12.4	mg/L	0.11	SW846 6020A	#
Sodium, Total	12.8	mg/L	1.1	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	44	mg/L	5	SM2320B-21	#
Alkalinity, Total	44	mg/L	5	SM2320B-21	#
Chloride	101	mg/L	0.50	EPA 300.0	#
pH	7.68	pH_Units		SM4500HB-21	#
Specific Conductance	523	umhos/cm	5	SM2510B-21	#
Sulfate	14.2	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	342	mg/L	25	SM2540C-20	#
Turbidity	22	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FFMP038W	Collected	05/05/2026 10:50
Lab Sample ID	3457426002	Lab Receipt	05/05/2026 15:20

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	16.45	Feet		Field	#
Dissolved Oxygen	1.13	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	454.05	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	437.60	ft/MSL		Field	#
Oxidation-Reduction Potential	128	mV		Field	#
pH, Field (SM4500B)	5.62	pH_Units		Field	#
Sample Depth	46.00	Feet		Field	#
Specific Conductance, Field	1188	umhos/cm	1	Field	#
Temperature	14.39	Deg. C		Field	#
Total Well Depth	52.00	Feet		Field	#
Turbidity, Field	24	NTU	1	Field	#
Volume in Water Column	52.26	Gallons		Field	#
Water Level After Purge	16.95	Feet		Field	#
Well Volumes Purged	0.17	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.10	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.10	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	81.0	mg/L	0.11	SW846 6020A	#
Calcium, Total	78.8	mg/L	0.11	SW846 6020A	#
Cobalt, Total	0.0070	mg/L	0.0056	SW846 6020A	#
Iron, Dissolved	3.3	mg/L	0.056	SW846 6020A	#
Iron, Total	4.1	mg/L	0.056	SW846 6020A	#
Magnesium, Dissolved	31.7	mg/L	0.11	SW846 6020A	#
Magnesium, Total	31.3	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	1.0	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.99	mg/L	0.0056	SW846 6020A	#
Nickel, Total	0.0081	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	6.9	mg/L	0.55	SW846 6020A	#
Potassium, Total	6.9	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	85.9	mg/L	0.55	SW846 6020A	#
Sodium, Total	90.1	mg/L	1.1	SW846 6020A	#
Zinc, Dissolved	0.0069	mg/L	0.0056	SW846 6020A	#
Zinc, Total	0.0083	mg/L	0.0056	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	80	mg/L	5	SM2320B-21	#
Alkalinity, Total	82	mg/L	5	SM2320B-21	#
Ammonia-N, Low Level	0.28	mg/L	0.10	S4500NH3G-21	#
Chloride	301	mg/L	1.3	EPA 300.0	#
Nitrate-N	2.5	mg/L	0.050	EPA 300.0	#
pH	8.27	pH_Units		SM4500HB-21	#
Specific Conductance	1250	umhos/cm	5	SM2510B-21	#
Sulfate	49.2	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	692	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	1.2	mg/L	0.50	SM5310B-14	#

Detected Results Summary

Sample - FFMP038W (cont.)

Compound	Result	Units	RDL	Method	Flag
WET CHEMISTRY (cont.)					
Turbidity	20	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	TRIP BLANK	Collected	05/05/2026 00:00
Lab Sample ID	3457426003	Lab Receipt	05/05/2026 15:20

Compound	Result	Units	RDL	Method	Flag
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#

Detected Results Summary

Client Sample ID	FIELD BLANK	Collected	05/05/2026 10:00
Lab Sample ID	3457426004	Lab Receipt	05/05/2026 15:20

Compound	Result	Units	RDL	Method	Flag
VOLATILE ORGANICS					
Chloroform	6.4	ug/L	1.0	SW846 8260B	#
Methylene Chloride	2.9	ug/L	1.0	SW846 8260B	#

Detected Results Summary

Client Sample ID	FFMP26RW	Collected	05/05/2026 12:03
Lab Sample ID	3457426005	Lab Receipt	05/05/2026 15:20

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	74.82	Feet		Field	#
Dissolved Oxygen	1.77	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	547.70	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	472.88	ft/MSL		Field	#
Oxidation-Reduction Potential	156	mV		Field	#
pH, Field (SM4500B)	5.60	pH_Units		Field	#
Sample Depth	105.00	Feet		Field	#
Specific Conductance, Field	927	umhos/cm	1	Field	#
Temperature	15.46	Deg. C		Field	#
Total Well Depth	118.30	Feet		Field	#
Turbidity, Field	120	NTU	1	Field	#
Volume in Water Column	63.92	Gallons		Field	#
Water Level After Purge	75.40	Feet		Field	#
Well Volumes Purged	0.06	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.11	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.11	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	83.1	mg/L	0.11	SW846 6020A	#
Calcium, Total	80.7	mg/L	0.11	SW846 6020A	#
Cobalt, Total	0.014	mg/L	0.0056	SW846 6020A	#
Magnesium, Dissolved	22.1	mg/L	0.11	SW846 6020A	#
Magnesium, Total	21.8	mg/L	0.11	SW846 6020A	#
Manganese, Dissolved	0.70	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.68	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	9.6	mg/L	0.55	SW846 6020A	#
Potassium, Total	9.6	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	72.7	mg/L	0.55	SW846 6020A	#
Sodium, Total	76.0	mg/L	1.1	SW846 6020A	#
Zinc, Dissolved	0.0091	mg/L	0.0056	SW846 6020A	#
Zinc, Total	0.0091	mg/L	0.0056	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	60	mg/L	5	SM2320B-21	#
Alkalinity, Total	60	mg/L	5	SM2320B-21	#
Chloride	231	mg/L	1.3	EPA 300.0	#
Nitrate-N	2.3	mg/L	0.050	EPA 300.0	#
pH	7.82	pH_Units		SM4500HB-21	#
Specific Conductance	1070	umhos/cm	5	SM2510B-21	#
Sulfate	89.3	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	610	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	1.9	mg/L	0.50	SM5310B-14	#

Detected Results Summary

Client Sample ID	FFMP005W	Collected	05/05/2026 12:53
Lab Sample ID	3457426006	Lab Receipt	05/05/2026 15:20

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	65.25	Feet		Field	#
Dissolved Oxygen	1.81	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	537.40	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	472.15	ft/MSL		Field	#
Oxidation-Reduction Potential	292	mV		Field	#
pH, Field (SM4500B)	5.30	pH_Units		Field	#
Sample Depth	135.00	Feet		Field	#
Specific Conductance, Field	924	umhos/cm	1	Field	#
Temperature	14.32	Deg. C		Field	#
Total Well Depth	149.70	Feet		Field	#
Turbidity, Field	53	NTU	1	Field	#
Volume in Water Column	124.14	Gallons		Field	#
Water Level After Purge	65.75	Feet		Field	#
Well Volumes Purged	0.04	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.051	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.051	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	80.4	mg/L	0.11	SW846 6020A	#
Calcium, Total	76.1	mg/L	0.11	SW846 6020A	#
Magnesium, Dissolved	21.4	mg/L	0.11	SW846 6020A	#
Magnesium, Total	21.1	mg/L	1.1	SW846 6020A	#
Manganese, Dissolved	0.15	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.15	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	3.6	mg/L	0.22	SW846 6020A	#
Potassium, Total	3.7	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	62.3	mg/L	0.22	SW846 6020A	#
Sodium, Total	62.1	mg/L	1.1	SW846 6020A	#
Zinc, Total	0.0071	mg/L	0.0056	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	65	mg/L	5	SM2320B-21	#
Alkalinity, Total	65	mg/L	5	SM2320B-21	#
Chloride	197	mg/L	0.50	EPA 300.0	#
Nitrate-N	2.2	mg/L	0.050	EPA 300.0	#
pH	7.94	pH_Units		SM4500HB-21	#
Specific Conductance	977	umhos/cm	5	SM2510B-21	#
Sulfate	85.2	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	584	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	1.8	mg/L	0.50	SM5310B-14	#
Turbidity	1.2	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FFMP30RW	Collected	05/05/2026 14:03
Lab Sample ID	3457426007	Lab Receipt	05/05/2026 15:20

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	35.04	Feet		Field	#
Dissolved Oxygen	0.10	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	562.30	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	527.26	ft/MSL		Field	#
Oxidation-Reduction Potential	289	mV		Field	#
pH, Field (SM4500B)	5.42	pH_Units		Field	#
Sample Depth	85.00	Feet		Field	#
Specific Conductance, Field	1589	umhos/cm	1	Field	#
Temperature	14.59	Deg. C		Field	#
Total Well Depth	94.20	Feet		Field	#
Turbidity, Field	2	NTU	1	Field	#
Volume in Water Column	86.97	Gallons		Field	#
Water Level After Purge	35.45	Feet		Field	#
Well Volumes Purged	0.03	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.13	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.13	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	85.4	mg/L	0.11	SW846 6020A	#
Calcium, Total	81.0	mg/L	0.11	SW846 6020A	#
Cobalt, Total	0.023	mg/L	0.0056	SW846 6020A	#
Iron, Total	0.096	mg/L	0.056	SW846 6020A	#
Magnesium, Dissolved	25.0	mg/L	0.11	SW846 6020A	#
Magnesium, Total	24.5	mg/L	5.5	SW846 6020A	#
Manganese, Dissolved	3.9	mg/L	0.0056	SW846 6020A	#
Manganese, Total	3.8	mg/L	0.0056	SW846 6020A	#
Nickel, Total	0.041	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	13.6	mg/L	1.1	SW846 6020A	#
Potassium, Total	12.5	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	185	mg/L	1.1	SW846 6020A	#
Sodium, Total	178	mg/L	5.5	SW846 6020A	#
Zinc, Dissolved	0.017	mg/L	0.0056	SW846 6020A	#
Zinc, Total	0.016	mg/L	0.0056	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	64	mg/L	5	SM2320B-21	#
Alkalinity, Total	64	mg/L	5	SM2320B-21	#
Chloride	397	mg/L	1.3	EPA 300.0	#
Nitrate-N	3.5	mg/L	0.13	EPA 300.0	#
pH	7.90	pH_Units		SM4500HB-21	#
Specific Conductance	1650	umhos/cm	5	SM2510B-21	#
Sulfate	99.5	mg/L	1.3	EPA 300.0	#
Total Dissolved Solids	924	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	1.3	mg/L	0.50	SM5310B-14	#
Turbidity	1.4	NTU	0.30	SM2130B-20	#

Detected Results Summary

Sample - FFMP30RW (cont.)

Compound	Result	Units	RDL	Method	Flag

Detected Results Summary

Client Sample ID	FFMP04AW	Collected	05/05/2026 13:38
Lab Sample ID	3457426008	Lab Receipt	05/05/2026 15:20

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	34.82	Feet		Field	#
Dissolved Oxygen	0.94	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	560.72	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	525.90	ft/MSL		Field	#
Oxidation-Reduction Potential	111	mV		Field	#
pH, Field (SM4500B)	7.07	pH_Units		Field	#
Sample Depth	146.00	Feet		Field	#
Specific Conductance, Field	1329	umhos/cm	1	Field	#
Temperature	13.98	Deg. C		Field	#
Total Well Depth	148.50	Feet		Field	#
Turbidity, Field	16	NTU	1	Field	#
Volume in Water Column	167.11	Gallons		Field	#
Water Level After Purge	39.56	Feet		Field	#
Well Volumes Purged	0.03	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.18	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.18	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	146	mg/L	0.11	SW846 6020A	#
Calcium, Total	139	mg/L	0.11	SW846 6020A	#
Iron, Total	0.14	mg/L	0.056	SW846 6020A	#
Magnesium, Dissolved	27.9	mg/L	0.11	SW846 6020A	#
Magnesium, Total	27.6	mg/L	1.1	SW846 6020A	#
Manganese, Dissolved	0.59	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.57	mg/L	0.0056	SW846 6020A	#
Nickel, Total	0.013	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	3.0	mg/L	0.22	SW846 6020A	#
Potassium, Total	2.9	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	92.1	mg/L	0.22	SW846 6020A	#
Sodium, Total	96.1	mg/L	1.1	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	75	mg/L	5	SM2320B-21	#
Alkalinity, Total	187	mg/L	5	SM2320B-21	#
Chloride	320	mg/L	1.3	EPA 300.0	#
Nitrate-N	0.36	mg/L	0.13	EPA 300.0	#
pH	8.32	pH_Units		SM4500HB-21	#
Specific Conductance	1510	umhos/cm	5	SM2510B-21	#
Sulfate	60.0	mg/L	1.3	EPA 300.0	#
Total Dissolved Solids	914	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	0.88	mg/L	0.50	SM5310B-14	#
Turbidity	0.85	NTU	0.30	SM2130B-20	#

Results

Client Sample ID	FFMP039W	Collected	05/05/2026 09:56
Lab Sample ID	3457426001	Lab Receipt	05/05/2026 15:20

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	22.21		Feet		Field	1	05/05/2026 09:56	EMP	G
Dissolved Oxygen	0.22		mg/L	0.01	Field	1	05/05/2026 09:56	EMP	G
Elev Top MW Casing above MSL	455.65		Feet		Field	1	05/05/2026 09:56	EMP	G
Flow Rate	0.07		gal/min		Field	1	05/05/2026 09:56	EMP	G
Ground Water Elevation	433.44		ft/MSL		Field	1	05/05/2026 09:56	EMP	G
Oxidation-Reduction Potential	-190		mV		Field	1	05/05/2026 09:56	EMP	G
pH, Field (SM4500B)	8.08		pH_Units		Field	1	05/05/2026 09:56	EMP	G
Sample Depth	118.00		Feet		Field	1	05/05/2026 09:56	EMP	G
Specific Conductance, Field	480		umhos/cm	1	Field	1	05/05/2026 09:56	EMP	G
Temperature	14.46		Deg. C		Field	1	05/05/2026 09:56	EMP	G
Total Well Depth	131.50		Feet		Field	1	05/05/2026 09:56	EMP	G
Turbidity, Field	9		NTU	1	Field	1	05/05/2026 09:56	EMP	G
Volume in Water Column	160.66		Gallons		Field	1	05/05/2026 09:56	EMP	G
Water Level After Purge	29.21		Feet		Field	1	05/05/2026 09:56	EMP	G
Well Volumes Purged	0.03		Vol		Field	1	05/05/2026 09:56	EMP	G

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/09/2026 15:03	CMQ	K

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Barium, Dissolved	0.12		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Barium, Total	0.12		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Calcium, Dissolved	68.7		mg/L	0.11	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Calcium, Total	65.8		mg/L	0.11	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Iron, Dissolved	0.93		mg/L	0.056	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Iron, Total	1.9		mg/L	0.056	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Magnesium, Dissolved	6.5		mg/L	0.11	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Magnesium, Total	6.4		mg/L	0.11	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Manganese, Dissolved	0.067		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:00	KXH	C1

Results

Client Sample ID	FFMP039W	Collected	05/05/2026 09:56
Lab Sample ID	3457426001	Lab Receipt	05/05/2026 15:20

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.068		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:39	ZAS	C
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:20	ZAS	E
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Potassium, Dissolved	0.97		mg/L	0.11	SW846 6020A	1	05/20/2026 11:03	KXH	C1
Potassium, Total	0.99		mg/L	0.11	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Sodium, Dissolved	12.4		mg/L	0.11	SW846 6020A	1	05/20/2026 11:03	KXH	C1
Sodium, Total	12.8		mg/L	1.1	SW846 6020A	10	05/19/2026 10:40	KXH	E1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:12	KXH	E1
Zinc, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:00	KXH	C1
Zinc, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:12	KXH	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K

Results

Client Sample ID	FFMP039W	Collected	05/05/2026 09:56
Lab Sample ID	3457426001	Lab Receipt	05/05/2026 15:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:03	CMQ	K

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	97.7%	62 – 133	05/09/2026 15:03	
4-Bromofluorobenzene	460-00-4	96.3%	79 – 114	05/09/2026 15:03	
Dibromofluoromethane	1868-53-7	99.7%	78 – 116	05/09/2026 15:03	
Toluene-d8	2037-26-5	97.9%	76 – 127	05/09/2026 15:03	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	44		mg/L	5	SM2320B-21	1	05/07/2026 10:19	TJH	A
Alkalinity, Total	44	1,2	mg/L	5	SM2320B-21	1	05/07/2026 10:19	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 15:56	AYS	B
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/11/2026 13:55	KMS	B
Chloride	101	3,4	mg/L	0.50	EPA 300.0	2	05/06/2026 14:31	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 14:31	J1W	A
Nitrate-N	ND	ND	mg/L	0.050	EPA 300.0	2	05/06/2026 14:31	J1W	A
pH	7.68	5	pH_Units		SM4500HB-21	1	05/07/2026 10:19	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 14:56	A1L	J
Specific Conductance	523		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	14.2		mg/L	0.50	EPA 300.0	2	05/06/2026 14:31	J1W	A
Total Dissolved Solids	342	6	mg/L	25	SM2540C-20	1	05/08/2026 18:45	RAG	A

Results

Client Sample ID	FFMP039W	Collected	05/05/2026 09:56
Lab Sample ID	3457426001	Lab Receipt	05/05/2026 15:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SM5310B-14	1	05/07/2026 20:49	PAG	H
Turbidity	22		NTU	0.30	SM2130B-20	1	05/06/2026 09:15	AOO	A

Results

Client Sample ID	FFMP038W	Collected	05/05/2026 10:50
Lab Sample ID	3457426002	Lab Receipt	05/05/2026 15:20

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	16.45		Feet		Field	1	05/05/2026 10:48	EMP	G
Dissolved Oxygen	1.13		mg/L	0.01	Field	1	05/05/2026 10:48	EMP	G
Elev Top MW Casing above MSL	454.05		Feet		Field	1	05/05/2026 10:48	EMP	G
Flow Rate	0.07		gal/min		Field	1	05/05/2026 10:48	EMP	G
Ground Water Elevation	437.60		ft/MSL		Field	1	05/05/2026 10:48	EMP	G
Oxidation-Reduction Potential	128		mV		Field	1	05/05/2026 10:48	EMP	G
pH, Field (SM4500B)	5.62		pH_Units		Field	1	05/05/2026 10:48	EMP	G
Sample Depth	46.00		Feet		Field	1	05/05/2026 10:48	EMP	G
Specific Conductance, Field	1188		umhos/cm	1	Field	1	05/05/2026 10:48	EMP	G
Temperature	14.39		Deg. C		Field	1	05/05/2026 10:48	EMP	G
Total Well Depth	52.00		Feet		Field	1	05/05/2026 10:48	EMP	G
Turbidity, Field	24		NTU	1	Field	1	05/05/2026 10:48	EMP	G
Volume in Water Column	52.26		Gallons		Field	1	05/05/2026 10:48	EMP	G
Water Level After Purge	16.95		Feet		Field	1	05/05/2026 10:48	EMP	G
Well Volumes Purged	0.17		Vol		Field	1	05/05/2026 10:48	EMP	G

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/09/2026 15:49	CMQ	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Barium, Dissolved	0.10		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Barium, Total	0.10		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Calcium, Dissolved	81.0		mg/L	0.11	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Calcium, Total	78.8		mg/L	0.11	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Cobalt, Total	0.0070		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Iron, Dissolved	3.3		mg/L	0.056	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Iron, Total	4.1		mg/L	0.056	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Magnesium, Dissolved	31.7		mg/L	0.11	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Magnesium, Total	31.3		mg/L	0.11	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Manganese, Dissolved	1.0		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:03	KXH	C1

Results

Client Sample ID	FFMP038W	Collected	05/05/2026 10:50
Lab Sample ID	3457426002	Lab Receipt	05/05/2026 15:20

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.99		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:37	ZAS	C
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:19	ZAS	E
Nickel, Total	0.0081		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Potassium, Dissolved	6.9		mg/L	0.55	SW846 6020A	5	05/20/2026 11:05	KXH	C1
Potassium, Total	6.9		mg/L	0.11	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Sodium, Dissolved	85.9		mg/L	0.55	SW846 6020A	5	05/20/2026 11:05	KXH	C1
Sodium, Total	90.1		mg/L	1.1	SW846 6020A	10	05/19/2026 10:43	KXH	E1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:14	KXH	E1
Zinc, Dissolved	0.0069		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:03	KXH	C1
Zinc, Total	0.0083		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:14	KXH	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L

Results

Client Sample ID	FFMP038W	Collected	05/05/2026 10:50
Lab Sample ID	3457426002	Lab Receipt	05/05/2026 15:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 15:49	CMQ	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	05/09/2026 15:49	
4-Bromofluorobenzene	460-00-4	98.1%	79 – 114	05/09/2026 15:49	
Dibromofluoromethane	1868-53-7	106%	78 – 116	05/09/2026 15:49	
Toluene-d8	2037-26-5	101%	76 – 127	05/09/2026 15:49	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	80		mg/L	5	SM2320B-21	1	05/07/2026 10:32	TJH	A
Alkalinity, Total	82	1,2	mg/L	5	SM2320B-21	1	05/07/2026 10:32	TJH	A
Ammonia-N, Low Level	0.28		mg/L	0.10	S4500NH3G-21	1	05/07/2026 16:02	AYS	B
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/11/2026 13:55	KMS	B
Chloride	301		mg/L	1.3	EPA 300.0	5	05/07/2026 22:34	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 17:12	J1W	A
Nitrate-N	2.5		mg/L	0.050	EPA 300.0	2	05/06/2026 17:12	J1W	A
pH	8.27	5	pH_Units		SM4500HB-21	1	05/07/2026 10:32	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 16:10	A1L	J
Specific Conductance	1250		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	49.2		mg/L	0.50	EPA 300.0	2	05/06/2026 17:12	J1W	A
Total Dissolved Solids	692		mg/L	25	SM2540C-20	1	05/08/2026 18:45	RAG	A

Results

Client Sample ID	FFMP038W	Collected	05/05/2026 10:50
Lab Sample ID	3457426002	Lab Receipt	05/05/2026 15:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	1.2		mg/L	0.50	SM5310B-14	1	05/07/2026 20:49	PAG	H
Turbidity	20		NTU	0.30	SM2130B-20	1	05/06/2026 09:15	AOO	A

Results

Client Sample ID	TRIP BLANK	Collected	05/05/2026 00:00
Lab Sample ID	3457426003	Lab Receipt	05/05/2026 15:20

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/09/2026 14:17	CMQ	A

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A

Results

Client Sample ID	TRIP BLANK	Collected	05/05/2026 00:00
Lab Sample ID	3457426003	Lab Receipt	05/05/2026 15:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 14:17	CMQ	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99.6%	62 – 133	05/09/2026 14:17	
4-Bromofluorobenzene	460-00-4	96.3%	79 – 114	05/09/2026 14:17	
Dibromofluoromethane	1868-53-7	102%	78 – 116	05/09/2026 14:17	
Toluene-d8	2037-26-5	98.9%	76 – 127	05/09/2026 14:17	

Results

Client Sample ID	FIELD BLANK	Collected	05/05/2026 10:00
Lab Sample ID	3457426004	Lab Receipt	05/05/2026 15:20

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Chloroform	6.4		ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Methylene Chloride	2.9		ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A

Results

Client Sample ID	FIELD BLANK	Collected	05/05/2026 10:00
Lab Sample ID	3457426004	Lab Receipt	05/05/2026 15:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 13:31	CMQ	A

TICs by Library Search

Compound	CAS No	Result	Units	Qualifiers
Cyclotrisiloxane, hexamethyl-	541-05-9	2.3	ug/L	J,N

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99%	62 – 133	05/09/2026 13:31	
4-Bromofluorobenzene	460-00-4	97.5%	79 – 114	05/09/2026 13:31	
Dibromofluoromethane	1868-53-7	101%	78 – 116	05/09/2026 13:31	
Toluene-d8	2037-26-5	100%	76 – 127	05/09/2026 13:31	

Results

Client Sample ID	FFMP26RW	Collected	05/05/2026 12:03
Lab Sample ID	3457426005	Lab Receipt	05/05/2026 15:20

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	74.82		Feet		Field	1	05/05/2026 12:00	EMP	H
Dissolved Oxygen	1.77		mg/L	0.01	Field	1	05/05/2026 12:00	EMP	H
Elev Top MW Casing above MSL	547.70		Feet		Field	1	05/05/2026 12:00	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/05/2026 12:00	EMP	H
Ground Water Elevation	472.88		ft/MSL		Field	1	05/05/2026 12:00	EMP	H
Oxidation-Reduction Potential	156		mV		Field	1	05/05/2026 12:00	EMP	H
pH, Field (SM4500B)	5.60		pH_Units		Field	1	05/05/2026 12:00	EMP	H
Sample Depth	105.00		Feet		Field	1	05/05/2026 12:00	EMP	H
Specific Conductance, Field	927		umhos/cm	1	Field	1	05/05/2026 12:00	EMP	H
Temperature	15.46		Deg. C		Field	1	05/05/2026 12:00	EMP	H
Total Well Depth	118.30		Feet		Field	1	05/05/2026 12:00	EMP	H
Turbidity, Field	120		NTU	1	Field	1	05/05/2026 12:00	EMP	H
Volume in Water Column	63.92		Gallons		Field	1	05/05/2026 12:00	EMP	H
Water Level After Purge	75.40		Feet		Field	1	05/05/2026 12:00	EMP	H
Well Volumes Purged	0.06		Vol		Field	1	05/05/2026 12:00	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/09/2026 16:11	CMQ	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Barium, Dissolved	0.11		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Barium, Total	0.11		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Calcium, Dissolved	83.1		mg/L	0.11	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Calcium, Total	80.7		mg/L	0.11	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Cobalt, Total	0.014		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Iron, Total	ND	ND	mg/L	0.056	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Magnesium, Dissolved	22.1		mg/L	0.11	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Magnesium, Total	21.8		mg/L	0.11	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Manganese, Dissolved	0.70		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:05	KXH	D1

Results

Client Sample ID	FFMP26RW	Collected	05/05/2026 12:03
Lab Sample ID	3457426005	Lab Receipt	05/05/2026 15:20

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.68		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:34	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:18	ZAS	F
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Potassium, Dissolved	9.6		mg/L	0.55	SW846 6020A	5	05/20/2026 11:08	KXH	D1
Potassium, Total	9.6		mg/L	0.11	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Sodium, Dissolved	72.7		mg/L	0.55	SW846 6020A	5	05/20/2026 11:08	KXH	D1
Sodium, Total	76.0		mg/L	1.1	SW846 6020A	10	05/19/2026 10:45	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/12/2026 17:17	KXH	F1
Zinc, Dissolved	0.0091		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:05	KXH	D1
Zinc, Total	0.0091		mg/L	0.0056	SW846 6020A	1	05/12/2026 17:17	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L

Results

Client Sample ID	FFMP26RW	Collected	05/05/2026 12:03
Lab Sample ID	3457426005	Lab Receipt	05/05/2026 15:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:11	CMQ	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	100%	62 – 133	05/09/2026 16:11	
4-Bromofluorobenzene	460-00-4	99.7%	79 – 114	05/09/2026 16:11	
Dibromofluoromethane	1868-53-7	106%	78 – 116	05/09/2026 16:11	
Toluene-d8	2037-26-5	102%	76 – 127	05/09/2026 16:11	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	60		mg/L	5	SM2320B-21	1	05/07/2026 10:43	TJH	A
Alkalinity, Total	60	1,2	mg/L	5	SM2320B-21	1	05/07/2026 10:43	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 16:05	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/11/2026 13:55	KMS	C
Chloride	231		mg/L	1.3	EPA 300.0	5	05/07/2026 22:47	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 17:26	J1W	A
Nitrate-N	2.3		mg/L	0.050	EPA 300.0	2	05/06/2026 17:26	J1W	A
pH	7.82	5	pH_Units		SM4500HB-21	1	05/07/2026 10:43	TJH	A
Phenolics	ND	ND,7	mg/L	0.004	SW846 9066	1	05/13/2026 14:46	A1L	K
Specific Conductance	1070		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	89.3		mg/L	0.50	EPA 300.0	2	05/06/2026 17:26	J1W	A
Total Dissolved Solids	610		mg/L	25	SM2540C-20	1	05/08/2026 18:45	RAG	A

Results

Client Sample ID	FFMP26RW	Collected	05/05/2026 12:03
Lab Sample ID	3457426005	Lab Receipt	05/05/2026 15:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	1.9		mg/L	0.50	SM5310B-14	1	05/07/2026 20:49	PAG	I
Turbidity	ND	ND	NTU	0.30	SM2130B-20	1	05/06/2026 09:15	AOO	A

Results

Client Sample ID	FFMP005W	Collected	05/05/2026 12:53
Lab Sample ID	3457426006	Lab Receipt	05/05/2026 15:20

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	65.25		Feet		Field	1	05/05/2026 12:43	EMP	H
Dissolved Oxygen	1.81		mg/L	0.01	Field	1	05/05/2026 12:43	EMP	H
Elev Top MW Casing above MSL	537.40		Feet		Field	1	05/05/2026 12:43	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/05/2026 12:43	EMP	H
Ground Water Elevation	472.15		ft/MSL		Field	1	05/05/2026 12:43	EMP	H
Oxidation-Reduction Potential	292		mV		Field	1	05/05/2026 12:43	EMP	H
pH, Field (SM4500B)	5.30		pH_Units		Field	1	05/05/2026 12:43	EMP	H
Sample Depth	135.00		Feet		Field	1	05/05/2026 12:43	EMP	H
Specific Conductance, Field	924		umhos/cm	1	Field	1	05/05/2026 12:43	EMP	H
Temperature	14.32		Deg. C		Field	1	05/05/2026 12:43	EMP	H
Total Well Depth	149.70		Feet		Field	1	05/05/2026 12:43	EMP	H
Turbidity, Field	53		NTU	1	Field	1	05/05/2026 12:43	EMP	H
Volume in Water Column	124.14		Gallons		Field	1	05/05/2026 12:43	EMP	H
Water Level After Purge	65.75		Feet		Field	1	05/05/2026 12:43	EMP	H
Well Volumes Purged	0.04		Vol		Field	1	05/05/2026 12:43	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/09/2026 16:34	CMQ	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Barium, Dissolved	0.051		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Barium, Total	0.051		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Calcium, Dissolved	80.4		mg/L	0.11	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Calcium, Total	76.1		mg/L	0.11	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Iron, Total	ND	ND	mg/L	0.056	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Magnesium, Dissolved	21.4		mg/L	0.11	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Magnesium, Total	21.1		mg/L	1.1	SW846 6020A	10	05/14/2026 16:56	KXH	F1
Manganese, Dissolved	0.15		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:07	KXH	D1

Results

Client Sample ID	FFMP005W	Collected	05/05/2026 12:53
Lab Sample ID	3457426006	Lab Receipt	05/05/2026 15:20

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.15		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:35	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:16	ZAS	F
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Potassium, Dissolved	3.6		mg/L	0.22	SW846 6020A	2	05/20/2026 11:10	KXH	D1
Potassium, Total	3.7		mg/L	0.11	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Sodium, Dissolved	62.3		mg/L	0.22	SW846 6020A	2	05/20/2026 11:10	KXH	D1
Sodium, Total	62.1		mg/L	1.1	SW846 6020A	10	05/14/2026 16:56	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:04	KXH	F1
Zinc, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:07	KXH	D1
Zinc, Total	0.0071		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:04	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L

Results

Client Sample ID	FFMP005W	Collected	05/05/2026 12:53
Lab Sample ID	3457426006	Lab Receipt	05/05/2026 15:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:34	CMQ	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	100%	62 – 133	05/09/2026 16:34	
4-Bromofluorobenzene	460-00-4	97.8%	79 – 114	05/09/2026 16:34	
Dibromofluoromethane	1868-53-7	106%	78 – 116	05/09/2026 16:34	
Toluene-d8	2037-26-5	99.4%	76 – 127	05/09/2026 16:34	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	65		mg/L	5	SM2320B-21	1	05/07/2026 10:55	TJH	A
Alkalinity, Total	65	1,2	mg/L	5	SM2320B-21	1	05/07/2026 10:55	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 16:08	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/11/2026 13:55	KMS	C
Chloride	197	8	mg/L	0.50	EPA 300.0	2	05/06/2026 17:39	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/06/2026 17:39	J1W	A
Nitrate-N	2.2		mg/L	0.050	EPA 300.0	2	05/06/2026 17:39	J1W	A
pH	7.94	5	pH_Units		SM4500HB-21	1	05/07/2026 10:55	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 16:13	A1L	K
Specific Conductance	977		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	85.2	9	mg/L	0.50	EPA 300.0	2	05/06/2026 17:39	J1W	A
Total Dissolved Solids	584		mg/L	25	SM2540C-20	1	05/08/2026 18:45	RAG	A

Results

Client Sample ID	FFMP005W	Collected	05/05/2026 12:53
Lab Sample ID	3457426006	Lab Receipt	05/05/2026 15:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	1.8		mg/L	0.50	SM5310B-14	1	05/07/2026 20:49	PAG	I
Turbidity	1.2		NTU	0.30	SM2130B-20	1	05/06/2026 09:15	AOO	A

Results

Client Sample ID	FFMP30RW	Collected	05/05/2026 14:03
Lab Sample ID	3457426007	Lab Receipt	05/05/2026 15:20

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	35.04		Feet		Field	1	05/05/2026 13:57	EMP	H
Dissolved Oxygen	0.10		mg/L	0.01	Field	1	05/05/2026 13:57	EMP	H
Elev Top MW Casing above MSL	562.30		Feet		Field	1	05/05/2026 13:57	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/05/2026 13:57	EMP	H
Ground Water Elevation	527.26		ft/MSL		Field	1	05/05/2026 13:57	EMP	H
Oxidation-Reduction Potential	289		mV		Field	1	05/05/2026 13:57	EMP	H
pH, Field (SM4500B)	5.42		pH_Units		Field	1	05/05/2026 13:57	EMP	H
Sample Depth	85.00		Feet		Field	1	05/05/2026 13:57	EMP	H
Specific Conductance, Field	1589		umhos/cm	1	Field	1	05/05/2026 13:57	EMP	H
Temperature	14.59		Deg. C		Field	1	05/05/2026 13:57	EMP	H
Total Well Depth	94.20		Feet		Field	1	05/05/2026 13:57	EMP	H
Turbidity, Field	2		NTU	1	Field	1	05/05/2026 13:57	EMP	H
Volume in Water Column	86.97		Gallons		Field	1	05/05/2026 13:57	EMP	H
Water Level After Purge	35.45		Feet		Field	1	05/05/2026 13:57	EMP	H
Well Volumes Purged	0.03		Vol		Field	1	05/05/2026 13:57	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/09/2026 16:57	CMQ	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Barium, Dissolved	0.13		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Barium, Total	0.13		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Calcium, Dissolved	85.4		mg/L	0.11	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Calcium, Total	81.0		mg/L	0.11	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Cobalt, Total	0.023		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Iron, Total	0.096		mg/L	0.056	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Magnesium, Dissolved	25.0		mg/L	0.11	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Magnesium, Total	24.5		mg/L	5.5	SW846 6020A	50	05/14/2026 16:58	KXH	F1
Manganese, Dissolved	3.9		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:10	KXH	D1

Results

Client Sample ID	FFMP30RW	Collected	05/05/2026 14:03
Lab Sample ID	3457426007	Lab Receipt	05/05/2026 15:20

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	3.8		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:38	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/18/2026 12:03	ZAS	F
Nickel, Total	0.041		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Potassium, Dissolved	13.6		mg/L	1.1	SW846 6020A	10	05/20/2026 11:13	KXH	D1
Potassium, Total	12.5		mg/L	0.11	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Sodium, Dissolved	185		mg/L	1.1	SW846 6020A	10	05/20/2026 11:13	KXH	D1
Sodium, Total	178		mg/L	5.5	SW846 6020A	50	05/14/2026 16:58	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:07	KXH	F1
Zinc, Dissolved	0.017		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:10	KXH	D1
Zinc, Total	0.016		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:07	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L

Results

Client Sample ID	FFMP30RW	Collected	05/05/2026 14:03
Lab Sample ID	3457426007	Lab Receipt	05/05/2026 15:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Styrene	ND	ND,10	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 16:57	CMQ	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99%	62 – 133	05/09/2026 16:57	
4-Bromofluorobenzene	460-00-4	97.6%	79 – 114	05/09/2026 16:57	
Dibromofluoromethane	1868-53-7	103%	78 – 116	05/09/2026 16:57	
Toluene-d8	2037-26-5	99.2%	76 – 127	05/09/2026 16:57	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	64		mg/L	5	SM2320B-21	1	05/07/2026 11:46	TJH	A
Alkalinity, Total	64	1,2	mg/L	5	SM2320B-21	1	05/07/2026 11:46	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 16:12	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/11/2026 13:55	KMS	C
Chloride	397		mg/L	1.3	EPA 300.0	5	05/06/2026 18:33	J1W	A
Fluoride	ND	ND	mg/L	0.50	EPA 300.0	5	05/06/2026 18:33	J1W	A
Nitrate-N	3.5		mg/L	0.13	EPA 300.0	5	05/06/2026 18:33	J1W	A
pH	7.90	5	pH_Units		SM4500HB-21	1	05/07/2026 11:46	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 14:31	A1L	K
Specific Conductance	1650		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	99.5		mg/L	1.3	EPA 300.0	5	05/06/2026 18:33	J1W	A
Total Dissolved Solids	924		mg/L	25	SM2540C-20	1	05/08/2026 18:45	RAG	A

Results

Client Sample ID	FFMP30RW	Collected	05/05/2026 14:03
Lab Sample ID	3457426007	Lab Receipt	05/05/2026 15:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	1.3		mg/L	0.50	SM5310B-14	1	05/07/2026 20:49	PAG	I
Turbidity	1.4		NTU	0.30	SM2130B-20	1	05/06/2026 09:15	AOO	A

Results

Client Sample ID	FFMP04AW	Collected	05/05/2026 13:38
Lab Sample ID	3457426008	Lab Receipt	05/05/2026 15:20

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	34.82		Feet		Field	1	05/05/2026 13:38	EMP	H
Dissolved Oxygen	0.94		mg/L	0.01	Field	1	05/05/2026 13:38	EMP	H
Elev Top MW Casing above MSL	560.72		Feet		Field	1	05/05/2026 13:38	EMP	H
Flow Rate	0.07		gal/min		Field	1	05/05/2026 13:38	EMP	H
Ground Water Elevation	525.90		ft/MSL		Field	1	05/05/2026 13:38	EMP	H
Oxidation-Reduction Potential	111		mV		Field	1	05/05/2026 13:38	EMP	H
pH, Field (SM4500B)	7.07		pH_Units		Field	1	05/05/2026 13:38	EMP	H
Sample Depth	146.00		Feet		Field	1	05/05/2026 13:38	EMP	H
Specific Conductance, Field	1329		umhos/cm	1	Field	1	05/05/2026 13:38	EMP	H
Temperature	13.98		Deg. C		Field	1	05/05/2026 13:38	EMP	H
Total Well Depth	148.50		Feet		Field	1	05/05/2026 13:38	EMP	H
Turbidity, Field	16		NTU	1	Field	1	05/05/2026 13:38	EMP	H
Volume in Water Column	167.11		Gallons		Field	1	05/05/2026 13:38	EMP	H
Water Level After Purge	39.56		Feet		Field	1	05/05/2026 13:38	EMP	H
Well Volumes Purged	0.03		Vol		Field	1	05/05/2026 13:38	EMP	H

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/09/2026 17:20	CMQ	L

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Barium, Dissolved	0.18		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Barium, Total	0.18		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Calcium, Dissolved	146		mg/L	0.11	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Calcium, Total	139		mg/L	0.11	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Iron, Total	0.14		mg/L	0.056	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Magnesium, Dissolved	27.9		mg/L	0.11	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Magnesium, Total	27.6		mg/L	1.1	SW846 6020A	10	05/14/2026 17:01	KXH	F1
Manganese, Dissolved	0.59		mg/L	0.0056	SW846 6020A	1	05/19/2026 12:12	KXH	D1

Results

Client Sample ID	FFMP04AW	Collected	05/05/2026 13:38
Lab Sample ID	3457426008	Lab Receipt	05/05/2026 15:20

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.57		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:26	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/11/2026 17:02	ZAS	F
Nickel, Total	0.013		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Potassium, Dissolved	3.0		mg/L	0.22	SW846 6020A	2	05/20/2026 11:53	KXH	D1
Potassium, Total	2.9		mg/L	0.11	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Sodium, Dissolved	92.1		mg/L	0.22	SW846 6020A	2	05/20/2026 11:53	KXH	D1
Sodium, Total	96.1		mg/L	1.1	SW846 6020A	10	05/14/2026 17:01	KXH	F1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:09	KXH	F1
Zinc, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/19/2026 12:12	KXH	D1
Zinc, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:09	KXH	F1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L

Results

Client Sample ID	FFMP04AW	Collected	05/05/2026 13:38
Lab Sample ID	3457426008	Lab Receipt	05/05/2026 15:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/09/2026 17:20	CMQ	L

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99%	62 – 133	05/09/2026 17:20	
4-Bromofluorobenzene	460-00-4	98.1%	79 – 114	05/09/2026 17:20	
Dibromofluoromethane	1868-53-7	104%	78 – 116	05/09/2026 17:20	
Toluene-d8	2037-26-5	100%	76 – 127	05/09/2026 17:20	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	75		mg/L	5	SM2320B-21	1	05/07/2026 13:04	TJH	A
Alkalinity, Total	187	1,2	mg/L	5	SM2320B-21	1	05/07/2026 13:04	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/07/2026 16:15	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/11/2026 13:55	KMS	C
Chloride	320		mg/L	1.3	EPA 300.0	5	05/06/2026 18:46	J1W	A
Fluoride	ND	ND	mg/L	0.50	EPA 300.0	5	05/06/2026 18:46	J1W	A
Nitrate-N	0.36		mg/L	0.13	EPA 300.0	5	05/06/2026 18:46	J1W	A
pH	8.32	5	pH_Units		SM4500HB-21	1	05/07/2026 13:04	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 15:20	A1L	K
Specific Conductance	1510		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	60.0		mg/L	1.3	EPA 300.0	5	05/06/2026 18:46	J1W	A
Total Dissolved Solids	914		mg/L	25	SM2540C-20	1	05/08/2026 18:45	RAG	A

Results

Client Sample ID	FFMP04AW	Collected	05/05/2026 13:38
Lab Sample ID	3457426008	Lab Receipt	05/05/2026 15:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	0.88		mg/L	0.50	SM5310B-14	1	05/07/2026 20:49	PAG	I
Turbidity	0.85		NTU	0.30	SM2130B-20	1	05/06/2026 09:15	AOO	A

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3457426001	FFMP039W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457426002	FFMP038W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457426003	TRIP BLANK	Lib Search VOC	N/A	
		SW846 8260B	N/A	
3457426004	FIELD BLANK	SW846 8260B	N/A	
3457426005	FFMP26RW	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3457426006	FFMP005W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457426007	FFMP30RW	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457426008	FFMP04AW	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3457426001	FFMP039W	N/A	N/A	N/A		Field	1547739
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1545757
		N/A	N/A	N/A		SW846 8260B	1545392
		N/A	N/A	N/A		EPA 300.0	1544002
		N/A	N/A	N/A		EPA 410.4	1545700
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1544003
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1545273
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544818
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457426002	FFMP038W	N/A	N/A	N/A		Field	1547739
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1545757
		N/A	N/A	N/A		SW846 8260B	1545392
		N/A	N/A	N/A		EPA 300.0	1544002
		N/A	N/A	N/A		EPA 300.0	1544592
		N/A	N/A	N/A		EPA 410.4	1545700
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1544003
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1545273
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544818
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457426003	TRIP BLANK	N/A	N/A	N/A		Lib Search VOC	1545757
		N/A	N/A	N/A		SW846 8260B	1545392
3457426004	FIELD BLANK	N/A	N/A	N/A		SW846 8260B	1545392
3457426005	FFMP26RW	N/A	N/A	N/A		Field	1548606
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1545957
		SW846 3015A	1544120	05/07/2026 11:22	RMH	SW846 6020A	1546171
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1545757
		N/A	N/A	N/A		SW846 8260B	1545392
		N/A	N/A	N/A		EPA 300.0	1544002
		N/A	N/A	N/A		EPA 300.0	1544592
		N/A	N/A	N/A		EPA 410.4	1545700
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1544003
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1545273
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544818
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3457426006	FFMP005W	N/A	N/A	N/A		Field	1547731
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1545978
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1546180
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1545757
		N/A	N/A	N/A		SW846 8260B	1545392
		N/A	N/A	N/A		EPA 300.0	1544002
		N/A	N/A	N/A		EPA 410.4	1545700
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1544003
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1545273
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544818
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457426007	FFMP30RW	N/A	N/A	N/A		Field	1548606
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1545978
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1546180
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1546437	05/17/2026 12:15	ZAS	SW846 7470A	1547789
		N/A	N/A	N/A		Lib Search VOC	1545757
		N/A	N/A	N/A		SW846 8260B	1545392
		N/A	N/A	N/A		EPA 300.0	1544002
		N/A	N/A	N/A		EPA 410.4	1545700
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1544003
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1545273
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544818
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457426008	FFMP04AW	N/A	N/A	N/A		Field	1547731
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1545978
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1546180
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1547785
		SW846 3015A	1544119	05/07/2026 10:19	RMH	SW846 6020A	1545269
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1545743	05/11/2026 10:15	ZAS	SW846 7470A	1545822
		N/A	N/A	N/A		Lib Search VOC	1545757
		N/A	N/A	N/A		SW846 8260B	1545392
		N/A	N/A	N/A		EPA 300.0	1544002
		N/A	N/A	N/A		EPA 410.4	1545700
		N/A	N/A	N/A		S4500NH3G-21	1544005
		N/A	N/A	N/A		SM2130B-20	1544003
		N/A	N/A	N/A		SM2320B-21	1544143
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1545273
		N/A	N/A	N/A		SM4500HB-21	1544143
		N/A	N/A	N/A		SM5310B-14	1544818
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094

ALS

301 Fulling Mill Rd, Suite A
Middletown, PA 17057
P. 717-944-5541

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

COC #: 3457426 Logged By: DXB PM: SIW

ALS Qu

of

Client Name: Lancaster County Solid Waste MA

Address: 1299 Harrisburg Pike, Lancaster PA 17604

Contact: Dan Brown

Phone#: 717-553-5864

Project Name/#: Frey Farm Annual

Bill To: Lancaster County Solid Waste MA

Purchase Order #:

TAT [x] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALS approval and surcharges.

Date Required: **Approved?**

Email? [x] dbrown@lcswma.org

	Container Type	AG	AN	CG	P	P			P	P	P
	Container Size	40ml	125ml	40ml	1L	500ml			250ml	125mL	125ml
	Preservative	HCL	H2SO4	HCL	UNP	UNP			H2SO4	HNO3	HNO3

Orthophosphate Filtered? Yes No Hexavalent Chromium Filtered? Yes No

ANALYSIS / METHOD REQUESTED

	Sample Description/Location (as it will appear on the lab report)	Date Collected mm/dd/yy	Time hh:mm	SDWA Sample Type (see key)	*G or C	**Matrix (See bottom of COC)	TOC	O-OH	VOC (form 19A) +LS + Subtitle D	pH, CL, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, HCO3	FM	Sample Depth for AUX Data	NH3-N, COD	Dis Metals Fe,Mn,Na,Ba,Cr,Cu, Pb,Mg,k,Zn,As,Cd,Se,Ag,Hg,Ca	Total Metals Form 19A + Subtitle D
							Enter Number of Containers Per Sample or Field Results Below.									
1	FFNP039W	5/5/26	09:56		G	GW	2	1	3	1	1	x	x	1	2	2
2	FFNP038W	5/5/26	10:50			GW	2	1	3	1	1	X	X	1	2	2
3	TRIP BLANK	5/5/26	NA			DI			2							
4	FIELD BLANK	5/5/26	10:00			DI			2							
5	FFMP26RW	5/5/26	12:03		G	GW	2	1	3	1	1	X	X	1	2	2
6	FFMP005W	5/5/26	12:53		G	GW	2	1	3	1	1	X	X	1	2	2
7	FFMP30RW	5/5/26	14:03		G	GW	2	1	3	1	1	X	X	1	2	2
8									Nama 5-5-26							
9																
10	FFMP04AW	5/5/26	1338				2	1	3	1	1			1	2	2

Temp Taken: [illegible] WO Temp (°C) 12°

*Receipt Info completed by:*_____ WV Containers 0-6°C Y N NA

Cooler Custody Seals Intact	Y	N	NA
Sample Custody Seal Intact	Y	N	NA
Received on Ice	(Y)	N	NA
Coolers & Samples Intact	Y	N	
Correct Containers Provided	Y	N	
Sample Label/COC Agree	Y	N	
Adequate Sample Volumes	Y	N	
VOA only: Trip Blank	Y	N	NA

NJ ≤ 4 days? Y N

Courier/Tracking #

Deviations? NO YES

If YES, list below

Client contact:

Date/Tech:

Sample(s) for Radiation testing? Y N Rad Screen (uCi)_____

Reportable SDWA Sample(s)? Y N New Source? Y N

SDWA State of Origin?_____ New Source Contact:

PWSID #__

PWS Contact:_____ PWS Phone #:_____

SDWA Sample Type Key: D=Distribution E=Entry Point R=Raw P=Plant C=Check S=Special A=Annual Startup

Sample/COC Remarks

Sampling Hours

Contains Short Hold Testing YES NO

Internal Use: If less than 48 hours - notify lab upon receipt

Circle Sample Collector: ALS Tech / Client

Name: ID:

Comments:

Date:	Time		Relinquished By / Company Name		Received By / Company Name
5/5/2026	15:20	1	ALS EP	2	Nama ALS 5.5.26 15:20
		3		4	
		5		6	
		7		8	
		9		10	

Data Deliverables

[ ] Standard Lvl 1 [ ] CLP-like [ ] HSCA
[ ] Standard Lvl 2 [ ] DOD [ ] Landfill
[ ] Standard Lvl 3 [ ] NJ RED [ ] NJ GW
[ ] Standard Lvl 4 [ ] NJ Full [ ] _____

EDDs

[ ] Excel Summary
[ ] Equis
[ ] Custom

Sample Disposal

Lab [x]
Special [ ]

EDDS: Format Type

State Samples Collected In

[ ] NY [ ] NJ [x] PA [ ] WV [ ] FL [ ] other

* G=Grab; C=Composite **Matrix - A=Air; D=Drinking Water; GW=Groundwater; O=Oil; LW=Liquid Waste; S=Solid/Soil/Sludge; SW=Surface Water; WP=Wipe; WW=Wastewater

ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Suite A, Middletown, PA 17057

Rev 07.06.2023

Middletown Sample Condition Form

Client Lancaster County Solid Waste MA Workorder _____

Temp °C 12° Therm ID 649 Ice? (Y) N N/A Initials & Date Nana 5.5.26

Fedex UPS (Client) ALS Other Tracking # _____

	Yes	No[1]	N/A	Comments
Cooler Custody Seals present & intact			—	
Sample Custody Seals present & intact			—	
Chain-of-Custody present	—			
Sample collector name present *If not present, must contact PM/client to request name.*		—		
COC/bottle labels complete & in agreement		—		
•Sample location	—			
•Date and time of sample collection	—			
•Type(s) of preservation	—			
•Number of containers		—		UC
•Composite or grab	—			
•Matrix	—			
Proper containers, preservation, and volume per method	—			
Received within hold time	—			
Containers intact	—			
Trip blanks present (EPA 504, EPA 524)	—			
Field blanks present (Hg 1631, PFAS)	—			
NJ ≤ 4 Days			—	
CR6 Samples Filtered			—	
OP Samples Filtered			—	
WV Containers 0-6°C			—	
SDWA compliance reporting			—	

[1] *If No, provide comment*

Rad Screen (uCi) —

PM - PM to contact client
N/A - Not Applicable
(UC) - Updated coc with missing information

Review Comments:

_____

_____

_____

Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | www.alsglobal.com
Associated Site: 20 Riverside Drive | Spring City, PA 19475 | Phone: 610-948-4903 |

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For **Lancaster County Solid Waste Authority**

Project Frey Farm Annual
Workorder 3457523
Report ID 512566 on 5/22/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on May 06, 2026.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Stacey Welk (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
Jordan Bigler - Lancaster County Solid Waste Authority
Daniel Brown - Lancaster County Solid Waste Authority
Jordan McConathey - Lancaster County Solid Waste Authority
Jeff Musser - Lancaster County Solid Waste Authority
Stacey Welk - ALS Environmental

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Stacey Welk

Stacey Welk *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3457523001	FFMP034W	Ground Water	05/06/2026 10:35	05/06/2026 16:00	C	
3457523002	FFMP029W	Ground Water	05/06/2026 11:10	05/06/2026 16:00	C	
3457523003	FFMP017W	Ground Water	05/06/2026 14:02	05/06/2026 16:00	C	
3457523004	FIELD BLANK	Water	05/06/2026 15:03	05/06/2026 16:00	C	
3457523005	TRIP BLANK	Water	05/06/2026 00:00	05/06/2026 16:00	C	

Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.

Project Notations

Sample Notations

Lab ID	Sample ID

Result Notations

Notation Ref.	
1	The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO3/L.
2	The pH analysis is an "analyze immediately" analysis. Parameters identified as "analyze immediately" require analysis within 15 minutes of collection, and are therefore analyzed outside of the method holding time when analyzed in the laboratory.
3	The QC sample type MS for method EPA 300.0 was outside the control limits for the analyte Chloride. The % Recovery was reported as 32 and the control limits were 80 to 120.

Detected Results Summary

Client Sample ID	FFMP034W	Collected	05/06/2026 10:35
Lab Sample ID	3457523001	Lab Receipt	05/06/2026 16:00

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	10.12	Feet		Field	#
Dissolved Oxygen	6.45	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	472.88	Feet		Field	#
Flow Rate	2.06	gal/min		Field	#
Ground Water Elevation	462.76	ft/MSL		Field	#
Oxidation-Reduction Potential	305	mV		Field	#
pH, Field (SM4500B)	4.39	pH_Units		Field	#
Sample Depth	25.85	Feet		Field	#
Specific Conductance, Field	682	umhos/cm	1	Field	#
Temperature	13.78	Deg. C		Field	#
Total Well Depth	121.00	Feet		Field	#
Turbidity, Field	207	NTU	1	Field	#
Volume in Water Column	162.99	Gallons		Field	#
Water Level After Purge	28.82	Feet		Field	#
Well Volumes Purged	1.29	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.050	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.053	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	50.1	mg/L	0.11	SW846 6020A	#
Calcium, Total	47.7	mg/L	0.11	SW846 6020A	#
Chromium, Total	0.0037	mg/L	0.0022	SW846 6020A	#
Iron, Total	3.5	mg/L	0.056	SW846 6020A	#
Magnesium, Dissolved	20.5	mg/L	0.11	SW846 6020A	#
Magnesium, Total	20.7	mg/L	1.1	SW846 6020A	#
Manganese, Dissolved	0.063	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.062	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	2.7	mg/L	0.11	SW846 6020A	#
Potassium, Total	2.8	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	42.6	mg/L	0.11	SW846 6020A	#
Sodium, Total	43.6	mg/L	1.1	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	35	mg/L	5	SM2320B-21	#
Alkalinity, Total	35	mg/L	5	SM2320B-21	#
Chloride	146	mg/L	0.50	EPA 300.0	#
Nitrate-N	11.3	mg/L	0.050	EPA 300.0	#
pH	7.32	pH_Units		SM4500HB-21	#
Specific Conductance	728	umhos/cm	5	SM2510B-21	#
Sulfate	30.9	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	470	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	0.86	mg/L	0.50	SM5310B-14	#
Turbidity	23	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FFMP029W	Collected	05/06/2026 11:10
Lab Sample ID	3457523002	Lab Receipt	05/06/2026 16:00

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	41.08	Feet		Field	#
Dissolved Oxygen	5.70	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	477.30	Feet		Field	#
Flow Rate	1.20	gal/min		Field	#
Ground Water Elevation	436.22	ft/MSL		Field	#
Oxidation-Reduction Potential	219	mV		Field	#
pH, Field (SM4500B)	5.27	pH_Units		Field	#
Sample Depth	55.00	Feet		Field	#
Specific Conductance, Field	248	umhos/cm	1	Field	#
Temperature	15.04	Deg. C		Field	#
Total Well Depth	60.50	Feet		Field	#
Volume in Water Column	28.55	Gallons		Field	#
Water Level After Purge	44.18	Feet		Field	#
Well Volumes Purged	1.89	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.063	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.063	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	11.3	mg/L	0.11	SW846 6020A	#
Calcium, Total	10.8	mg/L	0.11	SW846 6020A	#
Magnesium, Dissolved	9.1	mg/L	0.11	SW846 6020A	#
Magnesium, Total	9.1	mg/L	0.55	SW846 6020A	#
Manganese, Dissolved	0.013	mg/L	0.0056	SW846 6020A	#
Manganese, Total	0.013	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	1.8	mg/L	0.11	SW846 6020A	#
Potassium, Total	1.8	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	15.5	mg/L	0.11	SW846 6020A	#
Sodium, Total	15.4	mg/L	0.55	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	11	mg/L	5	SM2320B-21	#
Alkalinity, Total	11	mg/L	5	SM2320B-21	#
Chloride	58.5	mg/L	0.50	EPA 300.0	#
Nitrate-N	3.4	mg/L	0.050	EPA 300.0	#
pH	6.94	pH_Units		SM4500HB-21	#
Specific Conductance	248	umhos/cm	5	SM2510B-21	#
Sulfate	1.4	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	185	mg/L	25	SM2540C-20	#
Turbidity	1.0	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	FFMP017W	Collected	05/06/2026 14:02
Lab Sample ID	3457523003	Lab Receipt	05/06/2026 16:00

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	42.10	Feet		Field	#
Dissolved Oxygen	2.51	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	480.70	Feet		Field	#
Flow Rate	1.80	gal/min		Field	#
Ground Water Elevation	438.60	ft/MSL		Field	#
Oxidation-Reduction Potential	113	mV		Field	#
pH, Field (SM4500B)	6.35	pH_Units		Field	#
Sample Depth	135.00	Feet		Field	#
Specific Conductance, Field	3035	umhos/cm	1	Field	#
Temperature	12.89	Deg. C		Field	#
Total Well Depth	150.50	Feet		Field	#
Volume in Water Column	159.35	Gallons		Field	#
Water Level After Purge	54.55	Feet		Field	#
Well Volumes Purged	1.36	Vol		Field	#
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
METALS					
Barium, Dissolved	0.16	mg/L	0.0056	SW846 6020A	#
Barium, Total	0.16	mg/L	0.0056	SW846 6020A	#
Calcium, Dissolved	206	mg/L	0.11	SW846 6020A	#
Calcium, Total	200	mg/L	0.11	SW846 6020A	#
Cobalt, Total	0.12	mg/L	0.0056	SW846 6020A	#
Magnesium, Dissolved	63.1	mg/L	0.11	SW846 6020A	#
Magnesium, Total	66.2	mg/L	5.5	SW846 6020A	#
Manganese, Dissolved	5.4	mg/L	0.0056	SW846 6020A	#
Manganese, Total	5.3	mg/L	0.0056	SW846 6020A	#
Nickel, Total	0.020	mg/L	0.0056	SW846 6020A	#
Potassium, Dissolved	23.8	mg/L	2.2	SW846 6020A	#
Potassium, Total	22.9	mg/L	0.11	SW846 6020A	#
Sodium, Dissolved	263	mg/L	2.2	SW846 6020A	#
Sodium, Total	266	mg/L	5.5	SW846 6020A	#
Zinc, Dissolved	0.010	mg/L	0.0056	SW846 6020A	#
Zinc, Total	0.011	mg/L	0.0056	SW846 6020A	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	106	mg/L	5	SM2320B-21	#
Alkalinity, Total	106	mg/L	5	SM2320B-21	#
Ammonia-N, Low Level	0.44	mg/L	0.10	S4500NH3G-21	#
Chemical Oxygen Demand (COD)	21	mg/L	15	EPA 410.4	#
Chloride	811	mg/L	2.5	EPA 300.0	#
Nitrate-N	1.0	mg/L	0.13	EPA 300.0	#
pH	7.79	pH_Units		SM4500HB-21	#
Specific Conductance	3110	umhos/cm	5	SM2510B-21	#
Sulfate	144	mg/L	1.3	EPA 300.0	#
Total Dissolved Solids	1870	mg/L	25	SM2540C-20	#
Total Organic Carbon (TOC)	4.5	mg/L	0.50	SM5310B-14	#
Turbidity	1.3	NTU	0.30	SM2130B-20	#

Detected Results Summary

Sample - FFMP017W (cont.)

Compound	Result	Units	RDL	Method	Flag

Detected Results Summary

Client Sample ID	FIELD BLANK	Collected	05/06/2026 15:03
Lab Sample ID	3457523004	Lab Receipt	05/06/2026 16:00

Compound	Result	Units	RDL	Method	Flag
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#
VOLATILE ORGANICS					
Chloroform	5.5	ug/L	1.0	SW846 8260B	#
Methylene Chloride	2.7	ug/L	1.0	SW846 8260B	#

Detected Results Summary

Client Sample ID	TRIP BLANK	Collected	05/06/2026 00:00
Lab Sample ID	3457523005	Lab Receipt	05/06/2026 16:00

Compound	Result	Units	RDL	Method	Flag
LIBRARY SEARCH - VOLATILES					
No TIC's Detected	.			Lib Search VOC	#

Results

Client Sample ID	FFMP034W	Collected	05/06/2026 10:35
Lab Sample ID	3457523001	Lab Receipt	05/06/2026 16:00

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	10.12		Feet		Field	1	05/06/2026 10:35	EMP	F
Dissolved Oxygen	6.45		mg/L	0.01	Field	1	05/06/2026 10:35	EMP	F
Elev Top MW Casing above MSL	472.88		Feet		Field	1	05/06/2026 10:35	EMP	F
Flow Rate	2.06		gal/min		Field	1	05/06/2026 10:35	EMP	F
Ground Water Elevation	462.76		ft/MSL		Field	1	05/06/2026 10:35	EMP	F
Oxidation-Reduction Potential	305		mV		Field	1	05/06/2026 10:35	EMP	F
pH, Field (SM4500B)	4.39		pH_Units		Field	1	05/06/2026 10:35	EMP	F
Sample Depth	25.85		Feet		Field	1	05/06/2026 10:35	EMP	F
Specific Conductance, Field	682		umhos/cm	1	Field	1	05/06/2026 10:35	EMP	F
Temperature	13.78		Deg. C		Field	1	05/06/2026 10:35	EMP	F
Total Well Depth	121.00		Feet		Field	1	05/06/2026 10:35	EMP	F
Turbidity, Field	207		NTU	1	Field	1	05/06/2026 10:35	EMP	F
Volume in Water Column	162.99		Gallons		Field	1	05/06/2026 10:35	EMP	F
Water Level After Purge	28.82		Feet		Field	1	05/06/2026 10:35	EMP	F
Well Volumes Purged	1.29		Vol		Field	1	05/06/2026 10:35	EMP	F

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 06:44	PDK	J

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Barium, Dissolved	0.050		mg/L	0.0056	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Barium, Total	0.053		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Calcium, Dissolved	50.1		mg/L	0.11	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Calcium, Total	47.7		mg/L	0.11	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Chromium, Total	0.0037		mg/L	0.0022	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Iron, Total	3.5		mg/L	0.056	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Magnesium, Dissolved	20.5		mg/L	0.11	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Magnesium, Total	20.7		mg/L	1.1	SW846 6020A	10	05/14/2026 17:03	KXH	E1
Manganese, Dissolved	0.063		mg/L	0.0056	SW846 6020A	1	05/14/2026 20:01	KXH	D1

Results

Client Sample ID	FFMP034W	Collected	05/06/2026 10:35
Lab Sample ID	3457523001	Lab Receipt	05/06/2026 16:00

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.062		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:40	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/18/2026 12:04	ZAS	E
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Potassium, Dissolved	2.7		mg/L	0.11	SW846 6020A	1	05/20/2026 09:53	KXH	D1
Potassium, Total	2.8		mg/L	0.11	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Sodium, Dissolved	42.6		mg/L	0.11	SW846 6020A	1	05/20/2026 09:53	KXH	D1
Sodium, Total	43.6		mg/L	1.1	SW846 6020A	10	05/14/2026 17:03	KXH	E1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:11	KXH	E1
Zinc, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/14/2026 20:01	KXH	D1
Zinc, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:11	KXH	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J

Results

Client Sample ID	FFMP034W	Collected	05/06/2026 10:35
Lab Sample ID	3457523001	Lab Receipt	05/06/2026 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 06:44	PDK	J
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 06:44	PDK	J

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	94.2%	62 – 133	05/08/2026 06:44	
4-Bromofluorobenzene	460-00-4	98.5%	79 – 114	05/08/2026 06:44	
Dibromofluoromethane	1868-53-7	104%	78 – 116	05/08/2026 06:44	
Toluene-d8	2037-26-5	102%	76 – 127	05/08/2026 06:44	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	35		mg/L	5	SM2320B-21	1	05/08/2026 19:22	TJH	A
Alkalinity, Total	35	1	mg/L	5	SM2320B-21	1	05/08/2026 19:22	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/11/2026 15:13	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/11/2026 13:55	KMS	C
Chloride	146		mg/L	0.50	EPA 300.0	2	05/07/2026 12:29	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/07/2026 12:29	J1W	A
Nitrate-N	11.3		mg/L	0.050	EPA 300.0	2	05/07/2026 12:29	J1W	A
pH	7.32	2	pH_Units		SM4500HB-21	1	05/08/2026 19:22	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 17:03	A1L	I
Specific Conductance	728		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	30.9		mg/L	0.50	EPA 300.0	2	05/07/2026 12:29	J1W	A
Total Dissolved Solids	470		mg/L	25	SM2540C-20	1	05/11/2026 17:25	RAG	A

Results

Client Sample ID	FFMP034W	Collected	05/06/2026 10:35
Lab Sample ID	3457523001	Lab Receipt	05/06/2026 16:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	0.86		mg/L	0.50	SM5310B-14	1	05/12/2026 02:14	PAG	G
Turbidity	23		NTU	0.30	SM2130B-20	1	05/07/2026 09:33	NPF	A

Results

Client Sample ID	FFMP029W	Collected	05/06/2026 11:10
Lab Sample ID	3457523002	Lab Receipt	05/06/2026 16:00

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	41.08		Feet		Field	1	05/06/2026 11:09	EMP	F
Dissolved Oxygen	5.70		mg/L	0.01	Field	1	05/06/2026 11:09	EMP	F
Elev Top MW Casing above MSL	477.30		Feet		Field	1	05/06/2026 11:09	EMP	F
Flow Rate	1.20		gal/min		Field	1	05/06/2026 11:09	EMP	F
Ground Water Elevation	436.22		ft/MSL		Field	1	05/06/2026 11:09	EMP	F
Oxidation-Reduction Potential	219		mV		Field	1	05/06/2026 11:09	EMP	F
pH, Field (SM4500B)	5.27		pH_Units		Field	1	05/06/2026 11:09	EMP	F
Sample Depth	55.00		Feet		Field	1	05/06/2026 11:09	EMP	F
Specific Conductance, Field	248		umhos/cm	1	Field	1	05/06/2026 11:09	EMP	F
Temperature	15.04		Deg. C		Field	1	05/06/2026 11:09	EMP	F
Total Well Depth	60.50		Feet		Field	1	05/06/2026 11:09	EMP	F
Turbidity, Field	ND	ND	NTU	1	Field	1	05/06/2026 11:09	EMP	F
Volume in Water Column	28.55		Gallons		Field	1	05/06/2026 11:09	EMP	F
Water Level After Purge	44.18		Feet		Field	1	05/06/2026 11:09	EMP	F
Well Volumes Purged	1.89		Vol		Field	1	05/06/2026 11:09	EMP	F

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 07:07	PDK	J

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Barium, Dissolved	0.063		mg/L	0.0056	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Barium, Total	0.063		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Calcium, Dissolved	11.3		mg/L	0.11	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Calcium, Total	10.8		mg/L	0.11	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Cobalt, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Iron, Total	ND	ND	mg/L	0.056	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Magnesium, Dissolved	9.1		mg/L	0.11	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Magnesium, Total	9.1		mg/L	0.55	SW846 6020A	5	05/14/2026 17:06	KXH	E1
Manganese, Dissolved	0.013		mg/L	0.0056	SW846 6020A	1	05/14/2026 20:04	KXH	D1

Results

Client Sample ID	FFMP029W	Collected	05/06/2026 11:10
Lab Sample ID	3457523002	Lab Receipt	05/06/2026 16:00

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	0.013		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 15:58	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/18/2026 12:01	ZAS	E
Nickel, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Potassium, Dissolved	1.8		mg/L	0.11	SW846 6020A	1	05/20/2026 09:55	KXH	D1
Potassium, Total	1.8		mg/L	0.11	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Sodium, Dissolved	15.5		mg/L	0.11	SW846 6020A	1	05/20/2026 09:55	KXH	D1
Sodium, Total	15.4		mg/L	0.55	SW846 6020A	5	05/14/2026 17:06	KXH	E1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:14	KXH	E1
Zinc, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/14/2026 20:04	KXH	D1
Zinc, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:14	KXH	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J

Results

Client Sample ID	FFMP029W	Collected	05/06/2026 11:10
Lab Sample ID	3457523002	Lab Receipt	05/06/2026 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 07:07	PDK	J
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:07	PDK	J

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	100%	62 – 133	05/08/2026 07:07	
4-Bromofluorobenzene	460-00-4	102%	79 – 114	05/08/2026 07:07	
Dibromofluoromethane	1868-53-7	102%	78 – 116	05/08/2026 07:07	
Toluene-d8	2037-26-5	98.7%	76 – 127	05/08/2026 07:07	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	11		mg/L	5	SM2320B-21	1	05/08/2026 19:34	TJH	A
Alkalinity, Total	11	1	mg/L	5	SM2320B-21	1	05/08/2026 19:34	TJH	A
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	05/11/2026 15:17	AYS	C
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	05/11/2026 13:55	KMS	C
Chloride	58.5		mg/L	0.50	EPA 300.0	2	05/07/2026 12:43	J1W	A
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	05/07/2026 12:43	J1W	A
Nitrate-N	3.4		mg/L	0.050	EPA 300.0	2	05/07/2026 12:43	J1W	A
pH	6.94	2	pH_Units		SM4500HB-21	1	05/08/2026 19:34	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 16:53	A1L	I
Specific Conductance	248		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	1.4		mg/L	0.50	EPA 300.0	2	05/07/2026 12:43	J1W	A
Total Dissolved Solids	185		mg/L	25	SM2540C-20	1	05/11/2026 17:25	RAG	A

Results

Client Sample ID	FFMP029W	Collected	05/06/2026 11:10
Lab Sample ID	3457523002	Lab Receipt	05/06/2026 16:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SM5310B-14	1	05/12/2026 02:14	PAG	G
Turbidity	1.0		NTU	0.30	SM2130B-20	1	05/07/2026 09:33	NPF	A

Results

Client Sample ID	FFMP017W	Collected	05/06/2026 14:02
Lab Sample ID	3457523003	Lab Receipt	05/06/2026 16:00

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	42.10		Feet		Field	1	05/06/2026 14:00	EMP	F
Dissolved Oxygen	2.51		mg/L	0.01	Field	1	05/06/2026 14:00	EMP	F
Elev Top MW Casing above MSL	480.70		Feet		Field	1	05/06/2026 14:00	EMP	F
Flow Rate	1.80		gal/min		Field	1	05/06/2026 14:00	EMP	F
Ground Water Elevation	438.60		ft/MSL		Field	1	05/06/2026 14:00	EMP	F
Oxidation-Reduction Potential	113		mV		Field	1	05/06/2026 14:00	EMP	F
pH, Field (SM4500B)	6.35		pH_Units		Field	1	05/06/2026 14:00	EMP	F
Sample Depth	135.00		Feet		Field	1	05/06/2026 14:00	EMP	F
Specific Conductance, Field	3035		umhos/cm	1	Field	1	05/06/2026 14:00	EMP	F
Temperature	12.89		Deg. C		Field	1	05/06/2026 14:00	EMP	F
Total Well Depth	150.50		Feet		Field	1	05/06/2026 14:00	EMP	F
Turbidity, Field	ND	ND	NTU	1	Field	1	05/06/2026 14:00	EMP	F
Volume in Water Column	159.35		Gallons		Field	1	05/06/2026 14:00	EMP	F
Water Level After Purge	54.55		Feet		Field	1	05/06/2026 14:00	EMP	F
Well Volumes Purged	1.36		Vol		Field	1	05/06/2026 14:00	EMP	F

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 07:30	PDK	J

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Arsenic, Dissolved	ND	ND	mg/L	0.0033	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Arsenic, Total	ND	ND	mg/L	0.0033	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Barium, Dissolved	0.16		mg/L	0.0056	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Barium, Total	0.16		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Beryllium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Cadmium, Dissolved	ND	ND	mg/L	0.0011	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Cadmium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Calcium, Dissolved	206		mg/L	0.11	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Calcium, Total	200		mg/L	0.11	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Chromium, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Chromium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Cobalt, Total	0.12		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Copper, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Copper, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Iron, Dissolved	ND	ND	mg/L	0.056	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Iron, Total	ND	ND	mg/L	0.056	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Lead, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Lead, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Magnesium, Dissolved	63.1		mg/L	0.11	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Magnesium, Total	66.2		mg/L	5.5	SW846 6020A	50	05/14/2026 17:08	KXH	E1
Manganese, Dissolved	5.4		mg/L	0.0056	SW846 6020A	1	05/14/2026 20:06	KXH	D1

Results

Client Sample ID	FFMP017W	Collected	05/06/2026 14:02
Lab Sample ID	3457523003	Lab Receipt	05/06/2026 16:00

METALS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Manganese, Total	5.3		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Mercury, Dissolved	ND	ND	mg/L	0.00050	SW846 7470A	1	05/17/2026 17:41	ZAS	D
Mercury, Total	ND	ND	mg/L	0.00050	SW846 7470A	1	05/18/2026 12:02	ZAS	E
Nickel, Total	0.020		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Potassium, Dissolved	23.8		mg/L	2.2	SW846 6020A	20	05/20/2026 09:57	KXH	D1
Potassium, Total	22.9		mg/L	0.11	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Selenium, Dissolved	ND	ND	mg/L	0.0056	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Selenium, Total	ND	ND	mg/L	0.0056	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Silver, Dissolved	ND	ND	mg/L	0.0022	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Silver, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Sodium, Dissolved	263		mg/L	2.2	SW846 6020A	20	05/20/2026 09:57	KXH	D1
Sodium, Total	266		mg/L	5.5	SW846 6020A	50	05/14/2026 17:08	KXH	E1
Thallium, Total	ND	ND	mg/L	0.0011	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Vanadium, Total	ND	ND	mg/L	0.0022	SW846 6020A	1	05/13/2026 15:16	KXH	E1
Zinc, Dissolved	0.010		mg/L	0.0056	SW846 6020A	1	05/14/2026 20:06	KXH	D1
Zinc, Total	0.011		mg/L	0.0056	SW846 6020A	1	05/13/2026 15:16	KXH	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J

Results

Client Sample ID	FFMP017W	Collected	05/06/2026 14:02
Lab Sample ID	3457523003	Lab Receipt	05/06/2026 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 07:30	PDK	J
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 07:30	PDK	J

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	96.3%	62 – 133	05/08/2026 07:30	
4-Bromofluorobenzene	460-00-4	99.3%	79 – 114	05/08/2026 07:30	
Dibromofluoromethane	1868-53-7	105%	78 – 116	05/08/2026 07:30	
Toluene-d8	2037-26-5	103%	76 – 127	05/08/2026 07:30	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	106		mg/L	5	SM2320B-21	1	05/08/2026 19:46	TJH	A
Alkalinity, Total	106	1	mg/L	5	SM2320B-21	1	05/08/2026 19:46	TJH	A
Ammonia-N, Low Level	0.44		mg/L	0.10	S4500NH3G-21	1	05/11/2026 15:39	AYS	C
Chemical Oxygen Demand (COD)	21		mg/L	15	EPA 410.4	1	05/11/2026 13:55	KMS	C
Chloride	811	3	mg/L	2.5	EPA 300.0	10	05/09/2026 01:02	J1W	A
Fluoride	ND	ND	mg/L	0.50	EPA 300.0	5	05/07/2026 12:56	J1W	A
Nitrate-N	1.0		mg/L	0.13	EPA 300.0	5	05/07/2026 12:56	J1W	A
pH	7.79	2	pH_Units		SM4500HB-21	1	05/08/2026 19:46	TJH	A
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	05/13/2026 17:06	A1L	I
Specific Conductance	3110		umhos/cm	5	SM2510B-21	1	05/11/2026 11:24	TJH	A
Sulfate	144		mg/L	1.3	EPA 300.0	5	05/07/2026 12:56	J1W	A
Total Dissolved Solids	1870		mg/L	25	SM2540C-20	1	05/11/2026 17:25	RAG	A

Results

Client Sample ID	FFMP017W	Collected	05/06/2026 14:02
Lab Sample ID	3457523003	Lab Receipt	05/06/2026 16:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Total Organic Carbon (TOC)	4.5		mg/L	0.50	SM5310B-14	1	05/12/2026 02:14	PAG	G
Turbidity	1.3		NTU	0.30	SM2130B-20	1	05/07/2026 09:33	NPF	A

Results

Client Sample ID	FIELD BLANK	Collected	05/06/2026 15:03
Lab Sample ID	3457523004	Lab Receipt	05/06/2026 16:00

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 02:32	PDK	A

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Chloroform	5.5		ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Methylene Chloride	2.7		ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A

Results

Client Sample ID	FIELD BLANK	Collected	05/06/2026 15:03
Lab Sample ID	3457523004	Lab Receipt	05/06/2026 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 02:32	PDK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 02:32	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	90.1%	62 – 133	05/08/2026 02:32	
4-Bromofluorobenzene	460-00-4	99.7%	79 – 114	05/08/2026 02:32	
Dibromofluoromethane	1868-53-7	99.1%	78 – 116	05/08/2026 02:32	
Toluene-d8	2037-26-5	99.6%	76 – 127	05/08/2026 02:32	

Results

Client Sample ID	TRIP BLANK	Collected	05/06/2026 00:00
Lab Sample ID	3457523005	Lab Receipt	05/06/2026 16:00

LIBRARY SEARCH - VOLATILES

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
No TIC's Detected	.				Lib Search VOC	1	05/08/2026 01:47	PDK	A

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,2-Dichloropropane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
2-Butanone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
2-Hexanone	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
3-Chloro-1-propene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Acetone	ND	ND	ug/L	10.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Acrylonitrile	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Bromochloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Bromodichloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Bromoform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Bromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Carbon Disulfide	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Carbon Tetrachloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Chlorobenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Chlorodibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Chloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Chloroform	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Chloromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Dibromomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Dichlorodifluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Iodomethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Styrene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A

Results

Client Sample ID	TRIP BLANK	Collected	05/06/2026 00:00
Lab Sample ID	3457523005	Lab Receipt	05/06/2026 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Trichlorofluoromethane	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Vinyl Acetate	ND	ND	ug/L	5.0	SW846 8260B	1	05/08/2026 01:47	PDK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	05/08/2026 01:47	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	91.2%	62 – 133	05/08/2026 01:47	
4-Bromofluorobenzene	460-00-4	99.2%	79 – 114	05/08/2026 01:47	
Dibromofluoromethane	1868-53-7	101%	78 – 116	05/08/2026 01:47	
Toluene-d8	2037-26-5	102%	76 – 127	05/08/2026 01:47	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3457523001	FFMP034W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457523002	FFMP029W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457523003	FFMP017W	Field	N/A	
		SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 7470A	SW846 7470A	
		Lib Search VOC	N/A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500NH3G-21	N/A	
		SM2130B-20	N/A	
		SM2320B-21	N/A	
		SM2510B-21	N/A	
		SM2540C-20	N/A	
		SM4500HB-21	N/A	
		SM5310B-14	N/A	
		SW846 9066	SW846 9066	
3457523004	FIELD BLANK	Lib Search VOC	N/A	
		SW846 8260B	N/A	
3457523005	TRIP BLANK	Lib Search VOC	N/A	
		SW846 8260B	N/A	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3457523001	FFMP034W	N/A	N/A	N/A		Field	1549030
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1545978
		SW846 3015A	1545720	05/12/2026 09:08	RMH	SW846 6020A	1546553
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1546180
		SW846 3015A	1545720	05/12/2026 09:08	RMH	SW846 6020A	1545959
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1546437	05/17/2026 12:15	ZAS	SW846 7470A	1547789
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1544592
		N/A	N/A	N/A		EPA 410.4	1545700
		N/A	N/A	N/A		S4500NH3G-21	1545275
		N/A	N/A	N/A		SM2130B-20	1544597
		N/A	N/A	N/A		SM2320B-21	1545315
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1545396
		N/A	N/A	N/A		SM4500HB-21	1545315
		N/A	N/A	N/A		SM5310B-14	1545777
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457523002	FFMP029W	N/A	N/A	N/A		Field	1549030
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1545978
		SW846 3015A	1545720	05/12/2026 09:08	RMH	SW846 6020A	1546553
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1546180
		SW846 3015A	1545720	05/12/2026 09:08	RMH	SW846 6020A	1545959
		SW846 7470A	1546424	05/17/2026 09:45	ZAS	SW846 7470A	1547068
		SW846 7470A	1546437	05/17/2026 12:15	ZAS	SW846 7470A	1547789
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1544592
		N/A	N/A	N/A		EPA 410.4	1545700
		N/A	N/A	N/A		S4500NH3G-21	1545275
		N/A	N/A	N/A		SM2130B-20	1544597
		N/A	N/A	N/A		SM2320B-21	1545315
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1545396
		N/A	N/A	N/A		SM4500HB-21	1545315
		N/A	N/A	N/A		SM5310B-14	1545777
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457523003	FFMP017W	N/A	N/A	N/A		Field	1549030
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1545978
		SW846 3015A	1545720	05/12/2026 09:08	RMH	SW846 6020A	1546553
		SW846 3015A	1545916	05/12/2026 12:38	RMH	SW846 6020A	1546180
		SW846 3015A	1545720	05/12/2026 09:08	RMH	SW846 6020A	1545959
		SW846 7470A	1546423	05/17/2026 09:45	ZAS	SW846 7470A	1547071
		SW846 7470A	1546437	05/17/2026 12:15	ZAS	SW846 7470A	1547789
		N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
		N/A	N/A	N/A		EPA 300.0	1544592
		N/A	N/A	N/A		EPA 300.0	1545072
		N/A	N/A	N/A		EPA 410.4	1545700
		N/A	N/A	N/A		S4500NH3G-21	1545275
		N/A	N/A	N/A		SM2130B-20	1544597
		N/A	N/A	N/A		SM2320B-21	1545315
		N/A	N/A	N/A		SM2510B-21	1545713
		N/A	N/A	N/A		SM2540C-20	1545396
		N/A	N/A	N/A		SM4500HB-21	1545315
		N/A	N/A	N/A		SM5310B-14	1545777
		SW846 9066	1546091	05/13/2026 09:53	A1L	SW846 9066	1546094
3457523004	FIELD BLANK	N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975
3457523005	TRIP BLANK	N/A	N/A	N/A		Lib Search VOC	1544976
		N/A	N/A	N/A		SW846 8260B	1544975

301 Fulling Mill Rd, Suite A
Middletown, PA 17057
P. 717-944-5541

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

COC # 3457523
Logged By: DXB
PM: SIW
ALS C

Client Name: Lancaster County Solid Waste MA

Address: 1299 Harrisburg Pike, Lancaster PA 17604

Contact: Dan Brown
Phone#: 717-553-5864
Project Name/#: Frey Farm Annual
Bill To: Lancaster County Solid Waste MA
Purchase Order #:

TAT [X] Normal-Standard TAT is 10-12 business days.
[ ] Rush-Subject to ALS approval and surcharges.
Date Required: Approved?
Email? [X] dbrown@lcswma.org

Container Type	AG	AN	CG	P	P			P	P	P
Container Size	40ml	125ml	40ml	1L	500ml			250ml	125ml	125ml
Preservative	HCL	H2SO4	HCL	UNP	UNP			H2SO4	HNO3	HNO3

Orthophosphate Filtered? Yes No Hexavalent Chromium Filtered? Yes No

ANALYSIS / METHOD REQUESTED

Enter Number of Containers Per Sample or Field Results Below.

	Sample Description/Location (as it will appear on the lab report)	Date Collected mm/dd/yy	Time hh:mm	SDWA Sample Type (see key)	*G or C	**Matrix (See bottom of COC)	TOC	O-OH	VOC (form 19A) +LS + Subtitle D	pH, CL, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, HCO3	FM	Sample Debth for AUX Data	NH3-N, COD	Dis Metals Fe,Mn,Na,Ba,Cr,Cu, Pb,Mg,k,Zn,As,Cd,Se,Ag,Hg,Ca	Total Metals Form 19A + Subtitle D
1	FFMP034W	5/6/26	10:35		G	GW	2	1	3	1	1	x	x	1	3	3
2	FFMP029W	5/6/26	11:10		G	GW	2	1	3	1	1	X	X	1	3	3
3	FFMP017W	5/6/26	14:02		G	GW	2	1	3	1	1	X	X	1	3	3
4									DG 5/7/26						DG 5/7/26	
5	FIELD BLANK	5/6/26	15:03						2							
6	TRIP BLANK	5/6/26	NA						2							
7																
8																
9																
10																

Circle Sample Collector: ALS Tech / Client
Name: EP ID:
Date: 5/6/2026 Time: 16:00

Comments:

	Relinquished By / Company Name		Received By / Company Name
1	ALS EP	2	
3		4	
5		6	
7		8	
9		10	

Temp Taken By: Therm ID: WO Temp (°C)

Receipt Info completed by:

Cooler Custody Seals Intact	Y	N	NA
Sample Custody Seal Intact	Y	N	NA
Received on Ice	Y	N	NA
Coolers & Samples Intact	Y	N	
Correct Containers Provided	Y	N	
Sample Label/COC Agree	Y	N	
Adequate Sample Volumes	Y	N	
VOA only: Trip Blank	Y	N	NA

WV Containers 0-6°C Y N NA
Deviations? NO YES
If YES, list below:

NJ ≤ 4 days? Y N
Courier/Tracking #
Client contact:
Date/Tech:

Sample(s) for Radiation testing? Y N
Reportable SDWA Sample(s)? Y N
Rad Screen (uCi)
SDWA State of Origin?
New Source? Y N
PWSID #
New Source Contact:
PWS Contact: PWS Phone #:

SDWA Sample Type Key: D=Distribution E=Entry Point R=Raw P=Plant C=Check S=Special A=Annual Startup

Sample/COC Remarks

Sampling Hours

Contains Short Hold Testing YES NO
Internal Use: If less than 48 hours - notify lab upon receipt

Data Deliverables: [ ] Standard Lvl 1 [ ] Standard Lvl 2 [ ] Standard Lvl 3 [ ] Standard Lvl 4 [ ] CLP-like [ ] DOD [ ] NJ RED [ ] NJ Full [ ] HSCA [ ] Landfill [ ] NJ GW [ ]

EDDs: [ ] Excel Summary [ ] Equis [ ] Custom

Sample Disposal: Lab [x] Special [ ]

EDDS: Format Type

State Samples Collected In: [ ] NY [ ] NJ [x] PA [ ] WV [ ] FL [ ] other

* G=Grab; C=Composite **Matrix - A=Air; D=Drinking Water; GW=Groundwater; O=Oil; LW=Liquid Waste; S=Solid/Soil/Sludge; SW=Surface Water; WP=Wipe; WW=Wastewater

ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Suite A, Middletown, PA 17057

right solutions. right partner.

Middletown Sample Condition Form

Client Lancaster Workorder 3457523

Temp °C 6 Therm ID 649 Ice? (Y) N N/A Initials & Date DAG 5/12/26

Fedex UPS Client (ALS) Other Tracking # _____

	Yes	No[1]	N/A	Comments
Cooler Custody Seals present & intact			X	
Sample Custody Seals present & intact			X	
Chain-of-Custody present	X			
Sample collector name present *If not present, must contact PM/client to request name.*	X			
COC/bottle labels complete & in agreement		X		
•Sample location	X			
•Date and time of sample collection	X			
•Type(s) of preservation	X			
•Number of containers		X		UC
•Composite or grab	X			
•Matrix	X			
Proper containers, preservation, and volume per method	X			
Received within hold time	X			
Containers intact	X			
Trip blanks present (EPA 504, EPA 524)	X			
Field blanks present (Hg 1631, PFAS)			X	
NJ ≤ 4 Days			X	
CR6 Samples Filtered			X	
OP Samples Filtered			X	
WV Containers 0-6°C			X	
SDWA compliance reporting			X	

[1] *If No, provide comment*

Rad Screen (uCi) —

PM - PM to contact client
N/A - Not Applicable
UC - Updated coc with missing information

Review Comments:

_____

_____

_____

5/22/2026 12:20 PM