2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD 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: 29.02 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: ___ ft — Elevation of Water Level: 480.58 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)?: ___ Yes X No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 2/9/2026 — Sample Collection Time: 10:31

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): 3450496001 — Final Lab Analysis CompletionDate: 2/16/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP02DW
Sample Date	2/9/2026

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	0.19	D6919-09
BICARBONATE ALKALINITY	125	SM20-2320B
CALCIUM, TOTAL	113	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	307	EPA 300
FLUORIDE	0.5 ND	EPA 300
IRON, TOTAL (ug/l)	390	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	17.7	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	17	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	6.2	EPA 300
pH-FIELD (SU)	7.48	FIELD
pH-LAB (SU)	8.09	SM20-4500HB
POTASSIUM, TOTAL	1.5	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	117	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	1321	FIELD
SPEC. COND., LAB (umhos/cm)	1390	SW846 9050A
SULFATE	44.7	EPA 300
ALKALINITY	125	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	700	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.91	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	6.1	SM 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	2/9/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD° 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 ° 57 ' 16.03 " — Longitude: 76 ° 26 ' 57.28 "

Depth to Water Level: 54.89 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.91 ft — Elevation of Water Level: 423.34 ft./MSL

Sampling Depth: 135 ft — Volume of Water Column: 125.00 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)?: ___ Yes X No

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/9/2026 — Sample Collection Time: 12:19

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): 3450496002 — Final Lab Analysis CompletionDate: 2/16/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP036W
Sample Date	2/9/2026

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	0.37	D6919-09
BICARBONATE ALKALINITY	164	SM20-2320B
CALCIUM, TOTAL	86.3	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	51.6	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	2400	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	8.8	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	220	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	0.05 ND	EPA 300
pH-FIELD (SU)	7.63	FIELD
pH-LAB (SU)	8.13	SM20-4500HB
POTASSIUM, TOTAL	1.2	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	20.4	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	562	FIELD
SPEC. COND., LAB (umhos/cm)	595	SW846 9050A
SULFATE	65	EPA 300
ALKALINITY	164	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	292	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.69	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	22	SM 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	2/9/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD 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: 43.4 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.45 ft — Elevation of Water Level: 434.16 ft./MSL

Sampling Depth: 65 ft — Volume of Water Column: 39.07 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)?: ___ Yes X No

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/9/2026 — Sample Collection Time: 11:48

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): 3450496003 — Final Lab Analysis CompletionDate: 2/16/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP035W
Sample Date	2/9/2026

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	0.14	D6919-09
BICARBONATE ALKALINITY	129	SM20-2320B
CALCIUM, TOTAL	96.6	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	148	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	150	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	15.3	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	82	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	6.6	EPA 300
pH-FIELD (SU)	6.62	FIELD
pH-LAB (SU)	8.02	SM20-4500HB
POTASSIUM, TOTAL	2.6	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	44.7	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	853	FIELD
SPEC. COND., LAB (umhos/cm)	907	SW846 9050A
SULFATE	48.1	EPA 300
ALKALINITY	129	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	496	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.92	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	2.4	SM 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	2/9/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD° 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 ° 57 ' 10.18 " — Longitude: 76 ° 27 ' 2.2 "

Depth to Water Level: 23.36 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.15 ft — Elevation of Water Level: 430.68 ft./MSL

Sampling Depth: 46 ft — Volume of Water Column: 39.12 gal

Total Well Depth: 50 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)?: ___ Yes X No

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/9/2026 — Sample Collection Time: 13:46

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): 3450496004 — Final Lab Analysis CompletionDate: 2/16/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP038W
Sample Date	2/9/2026

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	D6919-09
BICARBONATE ALKALINITY	83	SM20-2320B
CALCIUM, TOTAL	70.9	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	101	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	1100	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	6.4	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	61	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	0.05 ND	EPA 300
pH-FIELD (SU)	8.07	FIELD
pH-LAB (SU)	8.09	SM20-4500HB
POTASSIUM, TOTAL	1	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	12.3	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	507	FIELD
SPEC. COND., LAB (umhos/cm)	547	SW846 9050A
SULFATE	14.5	EPA 300
ALKALINITY	83	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	308	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.5 ND	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	12	SM 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	2/9/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD 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: 16.93 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.04 ft — Elevation of Water Level: 438.53 ft./MSL

Sampling Depth: 118 ft — Volume of Water Column: 166.06 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)?: ___ Yes X No

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/9/2026 — Sample Collection Time: 14:15

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): 3450496005 — Final Lab Analysis CompletionDate: 2/16/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP039W
Sample Date	2/9/2026

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	0.37	D6919-09
BICARBONATE ALKALINITY	39	SM20-2320B
CALCIUM, TOTAL	72.5	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	255	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	1000	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	24.7	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	730	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	3.5	EPA 300
pH-FIELD (SU)	5.77	FIELD
pH-LAB (SU)	7.32	SM20-4500HB
POTASSIUM, TOTAL	6.6	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	73.2	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	1036	FIELD
SPEC. COND., LAB (umhos/cm)	1140	SW846 9050A
SULFATE	51	EPA 300
ALKALINITY	39	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	586	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	1.1	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	5.8	SM 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	2/9/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD 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: 73.7 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.38 ft — Elevation of Water Level: 538.96 ft./MSL

Sampling Depth: 130 ft — Volume of Water Column: 97.37 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)?: ___ Yes X No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 2/10/2026 — Sample Collection Time: 10:18

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): 3450602001 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP031W
Sample Date	2/10/2026

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	D6919-09
BICARBONATE ALKALINITY	120	SM20-2320B
CALCIUM, TOTAL	73	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	22.2	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	650	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	4.5	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	380	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	0.94	EPA 300
pH-FIELD (SU)	7.45	FIELD
pH-LAB (SU)	8.1	SM20-4500HB
POTASSIUM, TOTAL	1.6	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	9.2	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	407	FIELD
SPEC. COND., LAB (umhos/cm)	446	SW846 9050A
SULFATE	49.7	EPA 300
ALKALINITY	120	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	242	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.5 ND	SW846 9060A
TOTAL PHENOLICS (ug/l)	6	SW846 9066
TURBIDITY (N.T.U.)	7.8	SM 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	2/10/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD° 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 ° 57 ' 32.25 " — Longitude: 76 ° 27 ' 24.03 "

Depth to Water Level: 71.81 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.60 ft — Elevation of Water Level: 541.39 ft./MSL

Sampling Depth: 85 ft — Volume of Water Column: 143.62 gal

Total Well Depth: 169.6 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)?: ___ Yes X No

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/10/2026 — Sample Collection Time: 9:58

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): 3450602002 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP002W
Sample Date	2/10/2026

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	D6919-09
BICARBONATE ALKALINITY	5 ND	SM20-2320B
CALCIUM, TOTAL	17.3	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	16.1	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	67 ND	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	7.4	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	230	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	15.7	EPA 300
pH-FIELD (SU)	4.53	FIELD
pH-LAB (SU)	5.6	SM20-4500HB
POTASSIUM, TOTAL	1.2	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	13.5	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	246	FIELD
SPEC. COND., LAB (umhos/cm)	279	SW846 9050A
SULFATE	18.7	EPA 300
ALKALINITY	5 ND	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	154	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.6	SW846 9060A
TOTAL PHENOLICS (ug/l)	6	SW846 9066
TURBIDITY (N.T.U.)	0.9	SM 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	2/10/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD 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: 52.59 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.06 ft — Elevation of Water Level: 541.5 ft./MSL

Sampling Depth: 62 ft — Volume of Water Column: 32.91 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)?: ___ Yes X No

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 2/10/2026 — Sample Collection Time: 11:22

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): 3450602005 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP032W
Sample Date	2/10/2026

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	0.49	D6919-09
BICARBONATE ALKALINITY	57	SM20-2320B
CALCIUM, TOTAL	20.7	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	42.8	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	11000	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	7.8	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	920	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	0.061	EPA 300
pH-FIELD (SU)	7.12	FIELD
pH-LAB (SU)	7.77	SM20-4500HB
POTASSIUM, TOTAL	1.6	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	14.5	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	275	FIELD
SPEC. COND., LAB (umhos/cm)	272	SW846 9050A
SULFATE	0.5 ND	EPA 300
ALKALINITY	57	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	133	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.5 ND	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	70	SM 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	2/10/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD° 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 ° 57 ' 36.43 " — Longitude: 76 ° 27 ' 10.82 "

Depth to Water Level: 64.21 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.90 ft — Elevation of Water Level: 512.19 ft./MSL

Sampling Depth: 135 ft — Volume of Water Column: 124.38 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)?: ___ Yes X No

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/10/2026 — Sample Collection Time: 11:28

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): 3450602006 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP015W
Sample Date	2/10/2026

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	D6919-09
BICARBONATE ALKALINITY	42	SM20-2320B
CALCIUM, TOTAL	23.6	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	22.5	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	67 ND	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	16	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	18	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	12.9	EPA 300
pH-FIELD (SU)	5.85	FIELD
pH-LAB (SU)	7.46	SM20-4500HB
POTASSIUM, TOTAL	1.7	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	14.6	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	330	FIELD
SPEC. COND., LAB (umhos/cm)	401	SW846 9050A
SULFATE	33.7	EPA 300
ALKALINITY	42	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	191	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.71	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.95	SM 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	2/10/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD 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: 42.29 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.00 ft — Elevation of Water Level: 435.01 ft./MSL

Sampling Depth: 55 ft — Volume of Water Column: 23.81 gal

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

Well Purged: X Yes ___ No — Well Volumes Purged: 1.2

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

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 2/10/2026 — Sample Collection Time: 12:17

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): 3450602007 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP029W
Sample Date	2/10/2026

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	D6919-09
BICARBONATE ALKALINITY	9	SM20-2320B
CALCIUM, TOTAL	12.5	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	54	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	67 ND	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	10	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	12	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	3.7	EPA 300
pH-FIELD (SU)	5.16	FIELD
pH-LAB (SU)	6.7	SM20-4500HB
POTASSIUM, TOTAL	1.9	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	13.9	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	232	FIELD
SPEC. COND., LAB (umhos/cm)	302	SW846 9050A
SULFATE	1.1	EPA 300
ALKALINITY	9	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	141	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.5 ND	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.65	SM 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	2/10/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD° 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 ° 57 ' 15.52 " — Longitude: 76 ° 27 ' 26.8 "

Depth to Water Level: 37.05 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.20 ft — Elevation of Water Level: 525.25 ft./MSL

Sampling Depth: 85 ft — Volume of Water Column: 77.77 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)?: ___ Yes X No

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/11/2026 — Sample Collection Time: 8:27

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): 3450751001 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP30RW
Sample Date	2/11/2026

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	0.11	D6919-09
BICARBONATE ALKALINITY	43	SM20-2320B
CALCIUM, TOTAL	71.2	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	387	EPA 300
FLUORIDE	0.5 ND	EPA 300
IRON, TOTAL (ug/l)	67 ND	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	21.4	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	4200	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	4.5	EPA 300
pH-FIELD (SU)	5.35	FIELD
pH-LAB (SU)	7.32	SM20-4500HB
POTASSIUM, TOTAL	13.2	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	166	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	1561	FIELD
SPEC. COND., LAB (umhos/cm)	1580	SW846 9050A
SULFATE	91	EPA 300
ALKALINITY	43	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	850	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	1.3	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.7	SM 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	2/11/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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: 37.92 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.52 ft — Elevation of Water Level: 522.8 ft./MSL

Sampling Depth: 146 ft — Volume of Water Column: 387.14 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)?: ___ Yes X No

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/11/2026 — Sample Collection Time: 8:53

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): 3450751002 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP04AW
Sample Date	2/11/2026

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	D6919-09
BICARBONATE ALKALINITY	189	SM20-2320B
CALCIUM, TOTAL	160	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	321	EPA 300
FLUORIDE	0.5 ND	EPA 300
IRON, TOTAL (ug/l)	67 ND	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	27.5	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	500	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	0.47	EPA 300
pH-FIELD (SU)	6.88	FIELD
pH-LAB (SU)	8.18	SM20-4500HB
POTASSIUM, TOTAL	2.9	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	92.2	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	1465	FIELD
SPEC. COND., LAB (umhos/cm)	1500	SW846 9050A
SULFATE	60.7	EPA 300
ALKALINITY	189	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	888	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.85	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.45	SM 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	2/11/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD 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: 90.39 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 3.30 ft — Elevation of Water Level: 457.01 ft./MSL

Sampling Depth: 105 ft — Volume of Water Column: 34.67 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)?: ___ Yes X No

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/11/2026 — Sample Collection Time: 10:24

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): 3450751003 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP26RW
Sample Date	2/11/2026

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	D6919-09
BICARBONATE ALKALINITY	65	SM20-2320B
CALCIUM, TOTAL	75.7	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	160	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	67 ND	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	19.7	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	590	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	2.1	EPA 300
pH-FIELD (SU)	5.38	FIELD
pH-LAB (SU)	7.59	SM20-4500HB
POTASSIUM, TOTAL	7.8	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	60.9	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	852	FIELD
SPEC. COND., LAB (umhos/cm)	871	SW846 9050A
SULFATE	98.1	EPA 300
ALKALINITY	65	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	524	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	1.7	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.35	SM 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	2/11/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD 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: 79.8 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.70 ft — Elevation of Water Level: 457.60 ft./MSL

Sampling Depth: 135 ft — Volume of Water Column: 103.10 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)?: ___ Yes X No

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/11/2026 — Sample Collection Time: 10:35

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): 3450751004 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP005W
Sample Date	2/11/2026

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	D6919-09
BICARBONATE ALKALINITY	59	SM20-2320B
CALCIUM, TOTAL	78.6	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	159	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	67 ND	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	18.2	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	120	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	2.3	EPA 300
pH-FIELD (SU)	5.59	FIELD
pH-LAB (SU)	7.57	SM20-4500HB
POTASSIUM, TOTAL	3	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	46.2	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	787	FIELD
SPEC. COND., LAB (umhos/cm)	806	SW846 9050A
SULFATE	70.8	EPA 300
ALKALINITY	59	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	486	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	1.2	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.3 ND	SM 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	2/11/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD° 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 ° 57 ' 31.09 " — Longitude: 76 ° 27 ' 4.98 "

Depth to Water Level: 21.18 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 0.49 ft — Elevation of Water Level: 495.34 ft./MSL

Sampling Depth: 79 ft — Volume of Water Column: 109.88 gal

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

Well Purged: X Yes ___ No — Well Volumes Purged: 2.3

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

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/11/2026 — Sample Collection Time: 13:47

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): 3450751005 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP033W
Sample Date	2/11/2026

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	D6919-09
BICARBONATE ALKALINITY	30	SM20-2320B
CALCIUM, TOTAL	38.9	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	89.3	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	4800	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	14.6	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	150	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	11.3	EPA 300
pH-FIELD (SU)	5.4	FIELD
pH-LAB (SU)	7.28	SM20-4500HB
POTASSIUM, TOTAL	1.9	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	20.4	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	455	FIELD
SPEC. COND., LAB (umhos/cm)	406	SW846 9050A
SULFATE	14	EPA 300
ALKALINITY	30	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	306	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.5 ND	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	17	SM 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	2/11/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD° 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 ° 57 ' 8.5 " — Longitude: 76 ° 27 ' 6.17 "

Depth to Water Level: 45.17 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.00 ft — Elevation of Water Level: 435.53 ft./MSL

Sampling Depth: 135 ft — Volume of Water Column: 154.69 gal

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

Well Purged: X Yes ___ No — Well Volumes Purged: 1.6

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

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/12/2026 — Sample Collection Time: 11:20

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): 3450981001 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP017W
Sample Date	2/12/2026

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	D6919-09
BICARBONATE ALKALINITY	92	SM20-2320B
CALCIUM, TOTAL	172	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	16	EPA 410.4
CHLORIDE	590	EPA 300
FLUORIDE	0.5 ND	EPA 300
IRON, TOTAL (ug/l)	67 ND	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	58.9	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	1500	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	3.8	EPA 300
pH-FIELD (SU)	6.2	FIELD
pH-LAB (SU)	7.95	SM20-4500HB
POTASSIUM, TOTAL	14.6	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	179	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	2302	FIELD
SPEC. COND., LAB (umhos/cm)	5 ND	SW846 9050A
SULFATE	120	EPA 300
ALKALINITY	92	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	1440	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	3	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.9	SM 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	2/12/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD 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: 10.69 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: ___ ft — Elevation of Water Level: 462.19 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: 1.1

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

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 2/12/2026 — Sample Collection Time: 11:59

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): 3450981002 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments: ___

I.D. No	101389
Monitoring Point No.	FFMP034W
Sample Date	2/12/2026

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	D6919-09
BICARBONATE ALKALINITY	36	SM20-2320B
CALCIUM, TOTAL	46.7	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	142	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	1200	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	19.5	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	62	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	10.9	EPA 300
pH-FIELD (SU)	5.57	FIELD
pH-LAB (SU)	7.56	SM20-4500HB
POTASSIUM, TOTAL	2.6	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	37.6	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	704	FIELD
SPEC. COND., LAB (umhos/cm)	707	SW846 9050A
SULFATE	32.5	EPA 300
ALKALINITY	36	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	442	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.83	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	13	SM 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	2/12/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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: 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: 54.72 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.20 ft — Elevation of Water Level: 536.18 ft./MSL

Sampling Depth: 130 ft — Volume of Water Column: 135.82 gal

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

Well Purged: X Yes ___ No — Well Volumes Purged: 1.7

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

Spring Flow Rate: _____ gpm

Sample Date (mm/dd/yy): 2/13/2026 — Sample Collection Time: 9:35

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): 3451082001 — Final Lab Analysis CompletionDate: 2/19/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP03AW
Sample Date	2/13/2026

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	D6919-09
BICARBONATE ALKALINITY	11	SM20-2320B
CALCIUM, TOTAL	19.5	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	62.6	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	67 ND	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	18.6	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	270	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	21 E	EPA 300
pH-FIELD (SU)	5.05	FIELD
pH-LAB (SU)	6.72	SM20-4500HB
POTASSIUM, TOTAL	1.9	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	16.3	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	402	FIELD
SPEC. COND., LAB (umhos/cm)	399	SW846 9050A
SULFATE	1.2	EPA 300
ALKALINITY	11	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	270	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	0.52	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.35	SM 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	2/13/2026

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.

2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
04/03/2026
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 (DD 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: 14.27 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: ___ ft — Elevation of Water Level: 495.63 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: 0.3

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

Spring Flow Rate: ___ gpm

Sample Date (mm/dd/yy): 2/24/2026 — Sample Collection Time: 8:49

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): 3451884001 — Final Lab Analysis CompletionDate: 3/4/2026

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

Comments:

I.D. No	101389
Monitoring Point No.	FFMP02SW
Sample Date	2/24/2026

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	D6919-09
BICARBONATE ALKALINITY	26	SM20-2320B
CALCIUM, TOTAL	25.5	SW846 6010C
CALCIUM, DISSOLVED		SW846 6010C
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	13.9	EPA 300
FLUORIDE	0.2 ND	EPA 300
IRON, TOTAL (ug/l)	78	SW846 6010C
IRON, DISSOLVED (ug/l)		SW846 6010C
MAGNESIUM, TOTAL	8.3	SW846 6010C
MAGNESIUM, DISSOLVED		SW846 6010C
MANGANESE, TOTAL (ug/l)	5.6 ND	SW846 6010C
MANGANESE, DISSOLVED (ug/l)		SW846 6010C
NITRATE-NITROGEN	5.3	EPA 300
pH-FIELD (SU)	5.71	FIELD
pH-LAB (SU)	7.45	SM20-4500HB
POTASSIUM, TOTAL	6.5	SW846 6010C
POTASSIUM, DISSOLVED		SW846 6010C
SODIUM, TOTAL	8.1	SW846 6010C
SODIUM, DISSOLVED		SW846 6010C
SPEC. COND., FIELD (umhos/cm)	256	FIELD
SPEC. COND., LAB (umhos/cm)	262	SW846 9050A
SULFATE	53.8	EPA 300
ALKALINITY	26	SM20-2320B
TDS (TOT. DISSOLVED SOLIDS)	176	SM20-2540C
TOC (TOTAL ORGANIC CARBON)	3.2	SW846 9060A
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	3.9	SM 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	2/24/2026

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.

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 Quarterly GWMP
Workorder 3450981
Report ID 496688 on 2/24/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Feb 12, 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
Ashley Gichuki - 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
3450981001	FFMP017W	Ground Water	02/12/2026 11:20	02/12/2026 17:30	EMP	ALS Environmental-Middletown
3450981002	FFMP034W	Ground Water	02/12/2026 11:59	02/12/2026 17:30	EMP	ALS Environmental-Middletown
3450981003	TRIP BLANK	Water	02/12/2026 00:00	02/12/2026 17:30	EMP	ALS Environmental-Middletown
3450981004	FIELD BLANK	Water	02/12/2026 15:20	02/12/2026 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 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.

Detected Results Summary

Client Sample ID	FFMP017W	Collected	02/12/2026 11:20
Lab Sample ID	3450981001	Lab Receipt	02/12/2026 17:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	45.17	Feet		Field	#
Dissolved Oxygen	2.06	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	480.70	Feet		Field	#
Flow Rate	1.88	gal/min		Field	#
Ground Water Elevation	435.53	ft/MSL		Field	#
Oxidation-Reduction Potential	147	mV		Field	#
pH, Field (SM4500B)	6.20	pH_Units		Field	#
Sample Depth	135.00	Feet		Field	#
Specific Conductance, Field	2302	umhos/cm	1	Field	#
Temperature	12.97	Deg. C		Field	#
Total Well Depth	150.50	Feet		Field	#
Volume in Water Column	154.84	Gallons		Field	#
Water Level After Purge	51.50	Feet		Field	#
Well Volumes Purged	1.58	Vol		Field	#
METALS					
Calcium, Total	172	mg/L	0.11	SW846 6010C	#
Magnesium, Total	58.9	mg/L	0.11	SW846 6010C	#
Manganese, Total	1.5	mg/L	0.0056	SW846 6010C	#
Potassium, Total	14.6	mg/L	0.56	SW846 6010C	#
Sodium, Total	179	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	92	mg/L	5	SM2320B-2011	#
Alkalinity, Total	92	mg/L	5	SM2320B-2011	#
Chemical Oxygen Demand (COD)	16	mg/L	15	EPA 410.4	#
Chloride	590	mg/L	2.5	EPA 300.0	#
Nitrate-N	3.8	mg/L	0.13	EPA 300.0	#
pH	7.95	pH_Units		S4500HB-11	#
Sulfate	120	mg/L	1.3	EPA 300.0	#
Total Dissolved Solids	1440	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	3.0	mg/L	0.50	SW846 9060A	#
Turbidity	0.90	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP034W	Collected	02/12/2026 11:59
Lab Sample ID	3450981002	Lab Receipt	02/12/2026 17:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	10.69	Feet		Field	#
Dissolved Oxygen	1.19	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	462.19	ft/MSL		Field	#
Oxidation-Reduction Potential	144	mV		Field	#
pH, Field (SM4500B)	5.57	pH_Units		Field	#
Sample Depth	25.85	Feet		Field	#
Specific Conductance, Field	704	umhos/cm	1	Field	#
Temperature	14.23	Deg. C		Field	#
Total Well Depth	121.00	Feet		Field	#
Turbidity, Field	13	NTU	1	Field	#
Volume in Water Column	162.16	Gallons		Field	#
Water Level After Purge	23.83	Feet		Field	#
Well Volumes Purged	1.08	Vol		Field	#
METALS					
Calcium, Total	46.7	mg/L	0.11	SW846 6010C	#
Iron, Total	1.2	mg/L	0.067	SW846 6010C	#
Magnesium, Total	19.5	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.062	mg/L	0.0056	SW846 6010C	#
Potassium, Total	2.6	mg/L	0.56	SW846 6010C	#
Sodium, Total	37.6	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	36	mg/L	5	SM2320B-2011	#
Alkalinity, Total	36	mg/L	5	SM2320B-2011	#
Chloride	142	mg/L	0.50	EPA 300.0	#
Nitrate-N	10.9	mg/L	0.050	EPA 300.0	#
pH	7.56	pH_Units		S4500HB-11	#
Specific Conductance	707	umhos/cm	5	SW846 9050A	#
Sulfate	32.5	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	442	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.83	mg/L	0.50	SW846 9060A	#
Turbidity	13	NTU	0.30	SM2130B-2011	#

Results

Client Sample ID	FFMP017W	Collected	02/12/2026 11:20
Lab Sample ID	3450981001	Lab Receipt	02/12/2026 17:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	45.17		Feet		Field	1	02/12/2026 11:20	EMP	D
Dissolved Oxygen	2.06		mg/L	0.01	Field	1	02/12/2026 11:20	EMP	D
Elev Top MW Casing above MSL	480.70		Feet		Field	1	02/12/2026 11:20	EMP	D
Flow Rate	1.88		gal/min		Field	1	02/12/2026 11:20	EMP	D
Ground Water Elevation	435.53		ft/MSL		Field	1	02/12/2026 11:20	EMP	D
Oxidation-Reduction Potential	147		mV		Field	1	02/12/2026 11:20	EMP	D
pH, Field (SM4500B)	6.20		pH_Units		Field	1	02/12/2026 11:20	EMP	D
Sample Depth	135.00		Feet		Field	1	02/12/2026 11:20	EMP	D
Specific Conductance, Field	2302		umhos/cm	1	Field	1	02/12/2026 11:20	EMP	D
Temperature	12.97		Deg. C		Field	1	02/12/2026 11:20	EMP	D
Total Well Depth	150.50		Feet		Field	1	02/12/2026 11:20	EMP	D
Turbidity, Field	ND	ND	NTU	1	Field	1	02/12/2026 11:20	EMP	D
Volume in Water Column	154.84		Gallons		Field	1	02/12/2026 11:20	EMP	D
Water Level After Purge	51.50		Feet		Field	1	02/12/2026 11:20	EMP	D
Well Volumes Purged	1.58		Vol		Field	1	02/12/2026 11:20	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	172		mg/L	0.11	SW846 6010C	1	02/19/2026 10:28	MSY	J1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	02/19/2026 10:28	MSY	J1
Magnesium, Total	58.9		mg/L	0.11	SW846 6010C	1	02/19/2026 10:28	MSY	J1
Manganese, Total	1.5		mg/L	0.0056	SW846 6010C	1	02/19/2026 10:28	MSY	J1
Potassium, Total	14.6		mg/L	0.56	SW846 6010C	1	02/19/2026 10:28	MSY	J1
Sodium, Total	179		mg/L	0.56	SW846 6010C	1	02/19/2026 10:28	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:31	PDK	H

Results

Client Sample ID	FFMP017W	Collected	02/12/2026 11:20
Lab Sample ID	3450981001	Lab Receipt	02/12/2026 17:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 – 133	02/14/2026 02:31	
4-Bromofluorobenzene	460-00-4	98.5%	79 – 114	02/14/2026 02:31	
Dibromofluoromethane	1868-53-7	96.6%	78 – 116	02/14/2026 02:31	
Toluene-d8	2037-26-5	98.6%	76 – 127	02/14/2026 02:31	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	92		mg/L	5	SM2320B-2011	1	02/14/2026 11:04	TJH	B
Alkalinity, Total	92	1	mg/L	5	SM2320B-2011	1	02/14/2026 11:04	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/17/2026 11:47	AYS	A
Chemical Oxygen Demand (COD)	16		mg/L	15	EPA 410.4	1	02/17/2026 12:45	KMS	A
Chloride	590		mg/L	2.5	EPA 300.0	10	02/17/2026 15:08	J1W	B
Fluoride	ND	ND	mg/L	0.50	EPA 300.0	5	02/13/2026 17:00	J1W	B
Nitrate-N	3.8		mg/L	0.13	EPA 300.0	5	02/13/2026 17:00	J1W	B
pH	7.95	2	pH_Units		S4500HB-11	1	02/14/2026 11:04	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 16:40	A1L	G
Specific Conductance	ND	ND	umhos/cm	5	SW846 9050A	1	02/17/2026 08:48	TJH	B
Sulfate	120		mg/L	1.3	EPA 300.0	5	02/13/2026 17:00	J1W	B
Total Dissolved Solids	1440		mg/L	25	SM2540C-15	1	02/16/2025 14:45	RAG	B
Total Organic Carbon (TOC)	3.0		mg/L	0.50	SW846 9060A	1	02/17/2026 01:15	PAG	E
Turbidity	0.90		NTU	0.30	SM2130B-2011	1	02/13/2026 10:08	NPF	B

Results

Client Sample ID	FFMP034W	Collected	02/12/2026 11:59
Lab Sample ID	3450981002	Lab Receipt	02/12/2026 17:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	10.69		Feet		Field	1	02/12/2026 11:59	EMP	D
Dissolved Oxygen	1.19		mg/L	0.01	Field	1	02/12/2026 11:59	EMP	D
Elev Top MW Casing above MSL	472.88		Feet		Field	1	02/12/2026 11:59	EMP	D
Flow Rate	2.06		gal/min		Field	1	02/12/2026 11:59	EMP	D
Ground Water Elevation	462.19		ft/MSL		Field	1	02/12/2026 11:59	EMP	D
Oxidation-Reduction Potential	144		mV		Field	1	02/12/2026 11:59	EMP	D
pH, Field (SM4500B)	5.57		pH_Units		Field	1	02/12/2026 11:59	EMP	D
Sample Depth	25.85		Feet		Field	1	02/12/2026 11:59	EMP	D
Specific Conductance, Field	704		umhos/cm	1	Field	1	02/12/2026 11:59	EMP	D
Temperature	14.23		Deg. C		Field	1	02/12/2026 11:59	EMP	D
Total Well Depth	121.00		Feet		Field	1	02/12/2026 11:59	EMP	D
Turbidity, Field	13		NTU	1	Field	1	02/12/2026 11:59	EMP	D
Volume in Water Column	162.16		Gallons		Field	1	02/12/2026 11:59	EMP	D
Water Level After Purge	23.83		Feet		Field	1	02/12/2026 11:59	EMP	D
Well Volumes Purged	1.08		Vol		Field	1	02/12/2026 11:59	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	46.7		mg/L	0.11	SW846 6010C	1	02/19/2026 10:37	MSY	J1
Iron, Total	1.2		mg/L	0.067	SW846 6010C	1	02/19/2026 10:37	MSY	J1
Magnesium, Total	19.5		mg/L	0.11	SW846 6010C	1	02/19/2026 10:37	MSY	J1
Manganese, Total	0.062		mg/L	0.0056	SW846 6010C	1	02/19/2026 10:37	MSY	J1
Potassium, Total	2.6		mg/L	0.56	SW846 6010C	1	02/19/2026 10:37	MSY	J1
Sodium, Total	37.6		mg/L	0.56	SW846 6010C	1	02/19/2026 10:37	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:12	PDK	H

Results

Client Sample ID	FFMP034W	Collected	02/12/2026 11:59
Lab Sample ID	3450981002	Lab Receipt	02/12/2026 17:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 – 133	02/14/2026 03:12	
4-Bromofluorobenzene	460-00-4	98.5%	79 – 114	02/14/2026 03:12	
Dibromofluoromethane	1868-53-7	95.5%	78 – 116	02/14/2026 03:12	
Toluene-d8	2037-26-5	98.4%	76 – 127	02/14/2026 03:12	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	36		mg/L	5	SM2320B-2011	1	02/14/2026 11:17	TJH	B
Alkalinity, Total	36	1	mg/L	5	SM2320B-2011	1	02/14/2026 11:17	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/17/2026 11:50	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/17/2026 12:45	KMS	A
Chloride	142		mg/L	0.50	EPA 300.0	2	02/13/2026 17:13	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/13/2026 17:13	J1W	B
Nitrate-N	10.9		mg/L	0.050	EPA 300.0	2	02/13/2026 17:13	J1W	B
pH	7.56	2	pH_Units		S4500HB-11	1	02/14/2026 11:17	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 16:42	A1L	G
Specific Conductance	707		umhos/cm	5	SW846 9050A	1	02/17/2026 08:48	TJH	B
Sulfate	32.5		mg/L	0.50	EPA 300.0	2	02/13/2026 17:13	J1W	B
Total Dissolved Solids	442		mg/L	25	SM2540C-15	1	02/16/2025 14:45	RAG	B
Total Organic Carbon (TOC)	0.83		mg/L	0.50	SW846 9060A	1	02/17/2026 01:15	PAG	E
Turbidity	13		NTU	0.30	SM2130B-2011	1	02/13/2026 10:08	NPF	B

Results

Client Sample ID	TRIP BLANK	Collected	02/12/2026 00:00
Lab Sample ID	3450981003	Lab Receipt	02/12/2026 17:30

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:50	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103%	62 – 133	02/14/2026 00:50	
4-Bromofluorobenzene	460-00-4	97.1%	79 – 114	02/14/2026 00:50	
Dibromofluoromethane	1868-53-7	96.1%	78 – 116	02/14/2026 00:50	
Toluene-d8	2037-26-5	97.1%	76 – 127	02/14/2026 00:50	

Results

Client Sample ID	FIELD BLANK	Collected	02/12/2026 15:20
Lab Sample ID	3450981004	Lab Receipt	02/12/2026 17:30

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:30	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103%	62 – 133	02/14/2026 01:30	
4-Bromofluorobenzene	460-00-4	99.3%	79 – 114	02/14/2026 01:30	
Dibromofluoromethane	1868-53-7	95.6%	78 – 116	02/14/2026 01:30	
Toluene-d8	2037-26-5	98.3%	76 – 127	02/14/2026 01:30	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3450981001	FFMP017W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450981002	FFMP034W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450981003	TRIP BLANK	SW846 8260B	N/A	
3450981004	FIELD BLANK	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
3450981001	FFMP017W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522970	02/17/2026 10:18	RMH	SW846 6010C	1523005
		N/A	N/A	N/A		SW846 8260B	1522469
		N/A	N/A	N/A		EPA 300.0	1519769
		N/A	N/A	N/A		EPA 300.0	1522929
		N/A	N/A	N/A		EPA 410.4	1522746
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1522870
		N/A	N/A	N/A		SM2130B-2011	1519868
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1522578
		N/A	N/A	N/A		SW846 9050A	1522740
		N/A	N/A	N/A		SW846 9060A	1522768
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643
3450981002	FFMP034W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522970	02/17/2026 10:18	RMH	SW846 6010C	1523005
		N/A	N/A	N/A		SW846 8260B	1522469
		N/A	N/A	N/A		EPA 300.0	1519769
		N/A	N/A	N/A		EPA 410.4	1522746
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1522870
		N/A	N/A	N/A		SM2130B-2011	1519868
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1522578
		N/A	N/A	N/A		SW846 9050A	1522740
		N/A	N/A	N/A		SW846 9060A	1522768
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643
3450981003	TRIP BLANK	N/A	N/A	N/A		SW846 8260B	1522469
3450981004	FIELD BLANK	N/A	N/A	N/A		SW846 8260B	1522469

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 #: 3450981 Logged By: SLS PM: SIW

ALS Quote #: _____ 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 Quarterly GWMP

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	
	Container Size	40ml	125ml	40ml	500ml	250ml			250ml	125ml	
	Preservative	HCL	H2SO4	HCL	UNP	UNP			H2SO4	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 19Q	pH, CL, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, Bicarbonate	FM	Sample Debth for AUX Data	NH3-N, COD	Metals Fe,Mn,Na,Ca,K,Mg	
							Enter Number of Containers Per Sample or Field Results Below.									
1	FFMP017W	2/12/26	1120		G	GW	2	1	2	1	1	x	x	1	2	
2	FFMP034W	2/12/26	1159		G	GW	2	1	2	1	1	X	X	1	2	
3	TRIP BLANK	2/12/26	NA						2							
4	FIELD BLANK	2/12/26	1520						2							
5																
6																
7																
8																
9																
10																

Temp Taken: _____ Temp (°C) 1

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: Evon ID: _____

Comments:

Date:	Time		Relinquished By / Company Name		Received By / Company Name
2-13-26	1730	1	AS EP	2	
		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

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

Middletown Sample Condition Form

Client Lancaster Workorder 3450981

Temp °C 1° Therm ID 309 Ice? (Y) N N/A Initials & Date DB 2/18/26

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:

_____

_____

_____

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 Quarterly GWMP
Workorder 3450751
Report ID 496686 on 2/24/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Feb 11, 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
Ashley Gichuki - 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
3450751001	FFMP30RW	Ground Water	02/11/2026 08:27	02/11/2026 15:00	EMP	ALS Environmental-Middletown
3450751002	FFMP04AW	Ground Water	02/11/2026 08:53	02/11/2026 15:00	EMP	ALS Environmental-Middletown
3450751003	FFMP26RW	Ground Water	02/11/2026 10:24	02/11/2026 15:00	EMP	ALS Environmental-Middletown
3450751004	FFMP005W	Ground Water	02/11/2026 10:35	02/11/2026 15:00	EMP	ALS Environmental-Middletown
3450751005	FFMP033W	Ground Water	02/11/2026 13:47	02/11/2026 15:00	EMP	ALS Environmental-Middletown
3450751006	TRIP BLANK	Water	02/11/2026 00:00	02/11/2026 15:00	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 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	FFMP30RW	Collected	02/11/2026 08:27
Lab Sample ID	3450751001	Lab Receipt	02/11/2026 15:00

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	37.05	Feet		Field	#
Dissolved Oxygen	0.68	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	525.25	ft/MSL		Field	#
Oxidation-Reduction Potential	248	mV		Field	#
pH, Field (SM4500B)	5.35	pH_Units		Field	#
Sample Depth	85.00	Feet		Field	#
Specific Conductance, Field	1561	umhos/cm	1	Field	#
Temperature	12.59	Deg. C		Field	#
Total Well Depth	94.20	Feet		Field	#
Turbidity, Field	14	NTU	1	Field	#
Volume in Water Column	84.01	Gallons		Field	#
Water Level After Purge	37.28	Feet		Field	#
Well Volumes Purged	0.03	Vol		Field	#
METALS					
Calcium, Total	71.2	mg/L	0.11	SW846 6010C	#
Magnesium, Total	21.4	mg/L	0.11	SW846 6010C	#
Manganese, Total	4.2	mg/L	0.0056	SW846 6010C	#
Potassium, Total	13.2	mg/L	0.56	SW846 6010C	#
Sodium, Total	166	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	43	mg/L	5	SM2320B-2011	#
Alkalinity, Total	43	mg/L	5	SM2320B-2011	#
Ammonia-N, Low Level	0.11	mg/L	0.10	SM 4500-NH3G	#
Chloride	387	mg/L	1.3	EPA 300.0	#
Nitrate-N	4.5	mg/L	0.13	EPA 300.0	#
pH	7.32	pH_Units		S4500HB-11	#
Specific Conductance	1580	umhos/cm	5	SW846 9050A	#
Sulfate	91.0	mg/L	1.3	EPA 300.0	#
Total Dissolved Solids	850	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	1.3	mg/L	0.50	SW846 9060A	#
Turbidity	0.70	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP04AW	Collected	02/11/2026 08:53
Lab Sample ID	3450751002	Lab Receipt	02/11/2026 15:00

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	37.92	Feet		Field	#
Dissolved Oxygen	0.69	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	522.80	ft/MSL		Field	#
Oxidation-Reduction Potential	162	mV		Field	#
pH, Field (SM4500B)	6.88	pH_Units		Field	#
Sample Depth	146.00	Feet		Field	#
Specific Conductance, Field	1465	umhos/cm	1	Field	#
Temperature	12.70	Deg. C		Field	#
Total Well Depth	148.50	Feet		Field	#
Turbidity, Field	2	NTU	1	Field	#
Volume in Water Column	162.55	Gallons		Field	#
Water Level After Purge	45.09	Feet		Field	#
Well Volumes Purged	0.03	Vol		Field	#
METALS					
Calcium, Total	160	mg/L	0.11	SW846 6010C	#
Magnesium, Total	27.5	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.50	mg/L	0.0056	SW846 6010C	#
Potassium, Total	2.9	mg/L	0.56	SW846 6010C	#
Sodium, Total	92.2	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	189	mg/L	5	SM2320B-2011	#
Alkalinity, Total	189	mg/L	5	SM2320B-2011	#
Chloride	321	mg/L	1.3	EPA 300.0	#
Nitrate-N	0.47	mg/L	0.13	EPA 300.0	#
pH	8.18	pH_Units		S4500HB-11	#
Specific Conductance	1500	umhos/cm	5	SW846 9050A	#
Sulfate	60.7	mg/L	1.3	EPA 300.0	#
Total Dissolved Solids	888	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.85	mg/L	0.50	SW846 9060A	#
Turbidity	0.45	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP26RW	Collected	02/11/2026 10:24
Lab Sample ID	3450751003	Lab Receipt	02/11/2026 15:00

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	90.39	Feet		Field	#
Dissolved Oxygen	1.29	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	457.31	ft/MSL		Field	#
Oxidation-Reduction Potential	299	mV		Field	#
pH, Field (SM4500B)	5.38	pH_Units		Field	#
Sample Depth	105.00	Feet		Field	#
Specific Conductance, Field	852	umhos/cm	1	Field	#
Temperature	12.72	Deg. C		Field	#
Total Well Depth	118.30	Feet		Field	#
Volume in Water Column	41.03	Gallons		Field	#
Water Level After Purge	91.28	Feet		Field	#
Well Volumes Purged	0.10	Vol		Field	#
METALS					
Calcium, Total	75.7	mg/L	0.11	SW846 6010C	#
Magnesium, Total	19.7	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.59	mg/L	0.0056	SW846 6010C	#
Potassium, Total	7.8	mg/L	0.56	SW846 6010C	#
Sodium, Total	60.9	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	65	mg/L	5	SM2320B-2011	#
Alkalinity, Total	65	mg/L	5	SM2320B-2011	#
Chloride	160	mg/L	0.50	EPA 300.0	#
Nitrate-N	2.1	mg/L	0.050	EPA 300.0	#
pH	7.59	pH_Units		S4500HB-11	#
Specific Conductance	871	umhos/cm	5	SW846 9050A	#
Sulfate	98.1	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	524	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	1.7	mg/L	0.50	SW846 9060A	#
Turbidity	0.35	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP005W	Collected	02/11/2026 10:35
Lab Sample ID	3450751004	Lab Receipt	02/11/2026 15:00

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	79.80	Feet		Field	#
Dissolved Oxygen	0.69	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	457.60	ft/MSL		Field	#
Oxidation-Reduction Potential	229	mV		Field	#
pH, Field (SM4500B)	5.59	pH_Units		Field	#
Sample Depth	135.00	Feet		Field	#
Specific Conductance, Field	787	umhos/cm	1	Field	#
Temperature	12.25	Deg. C		Field	#
Total Well Depth	149.70	Feet		Field	#
Turbidity, Field	127	NTU	1	Field	#
Volume in Water Column	102.75	Gallons		Field	#
Water Level After Purge	81.03	Feet		Field	#
Well Volumes Purged	0.04	Vol		Field	#
METALS					
Calcium, Total	78.6	mg/L	0.11	SW846 6010C	#
Magnesium, Total	18.2	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.12	mg/L	0.0056	SW846 6010C	#
Potassium, Total	3.0	mg/L	0.56	SW846 6010C	#
Sodium, Total	46.2	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	59	mg/L	5	SM2320B-2011	#
Alkalinity, Total	59	mg/L	5	SM2320B-2011	#
Chloride	159	mg/L	0.50	EPA 300.0	#
Nitrate-N	2.3	mg/L	0.050	EPA 300.0	#
pH	7.57	pH_Units		S4500HB-11	#
Specific Conductance	806	umhos/cm	5	SW846 9050A	#
Sulfate	70.8	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	486	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	1.2	mg/L	0.50	SW846 9060A	#

Detected Results Summary

Client Sample ID	FFMP033W	Collected	02/11/2026 13:47
Lab Sample ID	3450751005	Lab Receipt	02/11/2026 15:00

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	21.18	Feet		Field	#
Dissolved Oxygen	1.02	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	516.52	Feet		Field	#
Flow Rate	1.96	gal/min		Field	#
Ground Water Elevation	495.34	ft/MSL		Field	#
Oxidation-Reduction Potential	121	mV		Field	#
pH, Field (SM4500B)	5.40	pH_Units		Field	#
Sample Depth	79.00	Feet		Field	#
Specific Conductance, Field	455	umhos/cm	1	Field	#
Temperature	15.51	Deg. C		Field	#
Total Well Depth	100.00	Feet		Field	#
Turbidity, Field	12	NTU	1	Field	#
Volume in Water Column	115.87	Gallons		Field	#
Water Level After Purge	41.63	Feet		Field	#
Well Volumes Purged	2.28	Vol		Field	#
METALS					
Calcium, Total	38.9	mg/L	0.11	SW846 6010C	#
Iron, Total	4.8	mg/L	0.067	SW846 6010C	#
Magnesium, Total	14.6	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.15	mg/L	0.0056	SW846 6010C	#
Potassium, Total	1.9	mg/L	0.56	SW846 6010C	#
Sodium, Total	20.4	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	30	mg/L	5	SM2320B-2011	#
Alkalinity, Total	30	mg/L	5	SM2320B-2011	#
Chloride	89.3	mg/L	0.50	EPA 300.0	#
Nitrate-N	11.3	mg/L	0.050	EPA 300.0	#
pH	7.28	pH_Units		S4500HB-11	#
Specific Conductance	406	umhos/cm	5	SW846 9050A	#
Sulfate	14.0	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	306	mg/L	25	SM2540C-15	#
Turbidity	17	NTU	0.30	SM2130B-2011	#

Results

Client Sample ID	FFMP30RW	Collected	02/11/2026 08:27
Lab Sample ID	3450751001	Lab Receipt	02/11/2026 15:00

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	37.05		Feet		Field	1	02/11/2026 08:27	EMP	D
Dissolved Oxygen	0.68		mg/L	0.01	Field	1	02/11/2026 08:27	EMP	D
Elev Top MW Casing above MSL	562.30		Feet		Field	1	02/11/2026 08:27	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/11/2026 08:27	EMP	D
Ground Water Elevation	525.25		ft/MSL		Field	1	02/11/2026 08:27	EMP	D
Oxidation-Reduction Potential	248		mV		Field	1	02/11/2026 08:27	EMP	D
pH, Field (SM4500B)	5.35		pH_Units		Field	1	02/11/2026 08:27	EMP	D
Sample Depth	85.00		Feet		Field	1	02/11/2026 08:27	EMP	D
Specific Conductance, Field	1561		umhos/cm	1	Field	1	02/11/2026 08:27	EMP	D
Temperature	12.59		Deg. C		Field	1	02/11/2026 08:27	EMP	D
Total Well Depth	94.20		Feet		Field	1	02/11/2026 08:27	EMP	D
Turbidity, Field	14		NTU	1	Field	1	02/11/2026 08:27	EMP	D
Volume in Water Column	84.01		Gallons		Field	1	02/11/2026 08:27	EMP	D
Water Level After Purge	37.28		Feet		Field	1	02/11/2026 08:27	EMP	D
Well Volumes Purged	0.03		Vol		Field	1	02/11/2026 08:27	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	71.2		mg/L	0.11	SW846 6010C	1	02/19/2026 09:51	MSY	J1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	02/19/2026 09:51	MSY	J1
Magnesium, Total	21.4		mg/L	0.11	SW846 6010C	1	02/19/2026 09:51	MSY	J1
Manganese, Total	4.2		mg/L	0.0056	SW846 6010C	1	02/19/2026 09:51	MSY	J1
Potassium, Total	13.2		mg/L	0.56	SW846 6010C	1	02/19/2026 09:51	MSY	J1
Sodium, Total	166		mg/L	0.56	SW846 6010C	1	02/19/2026 09:51	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:30	BMP	H

Results

Client Sample ID	FFMP30RW	Collected	02/11/2026 08:27
Lab Sample ID	3450751001	Lab Receipt	02/11/2026 15:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99.8%	62 – 133	02/15/2026 17:30	
4-Bromofluorobenzene	460-00-4	100%	79 – 114	02/15/2026 17:30	
Dibromofluoromethane	1868-53-7	94.4%	78 – 116	02/15/2026 17:30	
Toluene-d8	2037-26-5	101%	76 – 127	02/15/2026 17:30	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	43		mg/L	5	SM2320B-2011	1	02/13/2026 20:16	TJH	B
Alkalinity, Total	43	1	mg/L	5	SM2320B-2011	1	02/13/2026 20:16	TJH	B
Ammonia-N, Low Level	0.11		mg/L	0.10	SM 4500-NH3G	1	02/17/2026 13:05	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/17/2026 12:45	KMS	A
Chloride	387		mg/L	1.3	EPA 300.0	5	02/12/2026 14:07	J1W	B
Fluoride	ND	ND	mg/L	0.50	EPA 300.0	5	02/12/2026 14:07	J1W	B
Nitrate-N	4.5		mg/L	0.13	EPA 300.0	5	02/12/2026 14:07	J1W	B
pH	7.32	2	pH_Units		S4500HB-11	1	02/13/2026 20:16	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 14:39	A1L	G
Specific Conductance	1580		umhos/cm	5	SW846 9050A	1	02/17/2026 08:48	TJH	B
Sulfate	91.0		mg/L	1.3	EPA 300.0	5	02/12/2026 14:07	J1W	B
Total Dissolved Solids	850		mg/L	25	SM2540C-15	1	02/13/2026 16:20	RAG	B
Total Organic Carbon (TOC)	1.3		mg/L	0.50	SW846 9060A	1	02/12/2026 18:14	PAG	E
Turbidity	0.70		NTU	0.30	SM2130B-2011	1	02/12/2026 09:00	NPF	B

Results

Client Sample ID	FFMP04AW	Collected	02/11/2026 08:53
Lab Sample ID	3450751002	Lab Receipt	02/11/2026 15:00

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	37.92		Feet		Field	1	02/11/2026 08:53	EMP	D
Dissolved Oxygen	0.69		mg/L	0.01	Field	1	02/11/2026 08:53	EMP	D
Elev Top MW Casing above MSL	560.72		Feet		Field	1	02/11/2026 08:53	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/11/2026 08:53	EMP	D
Ground Water Elevation	522.80		ft/MSL		Field	1	02/11/2026 08:53	EMP	D
Oxidation-Reduction Potential	162		mV		Field	1	02/11/2026 08:53	EMP	D
pH, Field (SM4500B)	6.88		pH_Units		Field	1	02/11/2026 08:53	EMP	D
Sample Depth	146.00		Feet		Field	1	02/11/2026 08:53	EMP	D
Specific Conductance, Field	1465		umhos/cm	1	Field	1	02/11/2026 08:53	EMP	D
Temperature	12.70		Deg. C		Field	1	02/11/2026 08:53	EMP	D
Total Well Depth	148.50		Feet		Field	1	02/11/2026 08:53	EMP	D
Turbidity, Field	2		NTU	1	Field	1	02/11/2026 08:53	EMP	D
Volume in Water Column	162.55		Gallons		Field	1	02/11/2026 08:53	EMP	D
Water Level After Purge	45.09		Feet		Field	1	02/11/2026 08:53	EMP	D
Well Volumes Purged	0.03		Vol		Field	1	02/11/2026 08:53	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	160		mg/L	0.11	SW846 6010C	1	02/17/2026 09:34	MSY	J1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	02/17/2026 09:34	MSY	J1
Magnesium, Total	27.5		mg/L	0.11	SW846 6010C	1	02/17/2026 09:34	MSY	J1
Manganese, Total	0.50		mg/L	0.0056	SW846 6010C	1	02/17/2026 09:34	MSY	J1
Potassium, Total	2.9		mg/L	0.56	SW846 6010C	1	02/17/2026 09:34	MSY	J1
Sodium, Total	92.2		mg/L	0.56	SW846 6010C	1	02/17/2026 09:34	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 17:53	BMP	H

Results

Client Sample ID	FFMP04AW	Collected	02/11/2026 08:53
Lab Sample ID	3450751002	Lab Receipt	02/11/2026 15:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	97%	62 – 133	02/15/2026 17:53	
4-Bromofluorobenzene	460-00-4	96%	79 – 114	02/15/2026 17:53	
Dibromofluoromethane	1868-53-7	91.5%	78 – 116	02/15/2026 17:53	
Toluene-d8	2037-26-5	98.4%	76 – 127	02/15/2026 17:53	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	189		mg/L	5	SM2320B-2011	1	02/13/2026 20:29	TJH	B
Alkalinity, Total	189	1	mg/L	5	SM2320B-2011	1	02/13/2026 20:29	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/17/2026 13:34	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/17/2026 12:45	KMS	A
Chloride	321		mg/L	1.3	EPA 300.0	5	02/12/2026 14:19	J1W	B
Fluoride	ND	ND	mg/L	0.50	EPA 300.0	5	02/12/2026 14:19	J1W	B
Nitrate-N	0.47		mg/L	0.13	EPA 300.0	5	02/12/2026 14:19	J1W	B
pH	8.18	2	pH_Units		S4500HB-11	1	02/13/2026 20:29	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 14:42	A1L	G
Specific Conductance	1500		umhos/cm	5	SW846 9050A	1	02/17/2026 08:48	TJH	B
Sulfate	60.7		mg/L	1.3	EPA 300.0	5	02/12/2026 14:19	J1W	B
Total Dissolved Solids	888		mg/L	25	SM2540C-15	1	02/13/2026 16:20	RAG	B
Total Organic Carbon (TOC)	0.85		mg/L	0.50	SW846 9060A	1	02/12/2026 18:14	PAG	E
Turbidity	0.45		NTU	0.30	SM2130B-2011	1	02/12/2026 09:00	NPF	B

Results

Client Sample ID	FFMP26RW	Collected	02/11/2026 10:24
Lab Sample ID	3450751003	Lab Receipt	02/11/2026 15:00

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	90.39		Feet		Field	1	02/11/2026 10:25	EMP	D
Dissolved Oxygen	1.29		mg/L	0.01	Field	1	02/11/2026 10:25	EMP	D
Elev Top MW Casing above MSL	547.70		Feet		Field	1	02/11/2026 10:25	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/11/2026 10:25	EMP	D
Ground Water Elevation	457.31		ft/MSL		Field	1	02/11/2026 10:25	EMP	D
Oxidation-Reduction Potential	299		mV		Field	1	02/11/2026 10:25	EMP	D
pH, Field (SM4500B)	5.38		pH_Units		Field	1	02/11/2026 10:25	EMP	D
Sample Depth	105.00		Feet		Field	1	02/11/2026 10:25	EMP	D
Specific Conductance, Field	852		umhos/cm	1	Field	1	02/11/2026 10:25	EMP	D
Temperature	12.72		Deg. C		Field	1	02/11/2026 10:25	EMP	D
Total Well Depth	118.30		Feet		Field	1	02/11/2026 10:25	EMP	D
Turbidity, Field	ND	ND	NTU	1	Field	1	02/11/2026 10:25	EMP	D
Volume in Water Column	41.03		Gallons		Field	1	02/11/2026 10:25	EMP	D
Water Level After Purge	91.28		Feet		Field	1	02/11/2026 10:25	EMP	D
Well Volumes Purged	0.10		Vol		Field	1	02/11/2026 10:25	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	75.7		mg/L	0.11	SW846 6010C	1	02/17/2026 09:36	MSY	J1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	02/17/2026 09:36	MSY	J1
Magnesium, Total	19.7		mg/L	0.11	SW846 6010C	1	02/17/2026 09:36	MSY	J1
Manganese, Total	0.59		mg/L	0.0056	SW846 6010C	1	02/17/2026 09:36	MSY	J1
Potassium, Total	7.8		mg/L	0.56	SW846 6010C	1	02/17/2026 09:36	MSY	J1
Sodium, Total	60.9		mg/L	0.56	SW846 6010C	1	02/17/2026 09:36	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:17	BMP	H

Results

Client Sample ID	FFMP26RW	Collected	02/11/2026 10:24
Lab Sample ID	3450751003	Lab Receipt	02/11/2026 15:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	102%	62 – 133	02/15/2026 18:17	
4-Bromofluorobenzene	460-00-4	97.4%	79 – 114	02/15/2026 18:17	
Dibromofluoromethane	1868-53-7	95.2%	78 – 116	02/15/2026 18:17	
Toluene-d8	2037-26-5	100%	76 – 127	02/15/2026 18:17	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	65		mg/L	5	SM2320B-2011	1	02/13/2026 20:41	TJH	B
Alkalinity, Total	65	1	mg/L	5	SM2320B-2011	1	02/13/2026 20:41	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/17/2026 12:16	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/17/2026 12:45	KMS	A
Chloride	160		mg/L	0.50	EPA 300.0	2	02/12/2026 14:32	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/12/2026 14:32	J1W	B
Nitrate-N	2.1		mg/L	0.050	EPA 300.0	2	02/12/2026 14:32	J1W	B
pH	7.59	2	pH_Units		S4500HB-11	1	02/13/2026 20:41	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 14:45	A1L	G
Specific Conductance	871		umhos/cm	5	SW846 9050A	1	02/17/2026 08:48	TJH	B
Sulfate	98.1		mg/L	0.50	EPA 300.0	2	02/12/2026 14:32	J1W	B
Total Dissolved Solids	524		mg/L	25	SM2540C-15	1	02/13/2026 16:20	RAG	B
Total Organic Carbon (TOC)	1.7		mg/L	0.50	SW846 9060A	1	02/12/2026 18:14	PAG	E
Turbidity	0.35		NTU	0.30	SM2130B-2011	1	02/12/2026 09:00	NPF	B

Results

Client Sample ID	FFMP005W	Collected	02/11/2026 10:35
Lab Sample ID	3450751004	Lab Receipt	02/11/2026 15:00

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	79.80		Feet		Field	1	02/11/2026 10:35	EMP	D
Dissolved Oxygen	0.69		mg/L	0.01	Field	1	02/11/2026 10:35	EMP	D
Elev Top MW Casing above MSL	537.40		Feet		Field	1	02/11/2026 10:35	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/11/2026 10:35	EMP	D
Ground Water Elevation	457.60		ft/MSL		Field	1	02/11/2026 10:35	EMP	D
Oxidation-Reduction Potential	229		mV		Field	1	02/11/2026 10:35	EMP	D
pH, Field (SM4500B)	5.59		pH_Units		Field	1	02/11/2026 10:35	EMP	D
Sample Depth	135.00		Feet		Field	1	02/11/2026 10:35	EMP	D
Specific Conductance, Field	787		umhos/cm	1	Field	1	02/11/2026 10:35	EMP	D
Temperature	12.25		Deg. C		Field	1	02/11/2026 10:35	EMP	D
Total Well Depth	149.70		Feet		Field	1	02/11/2026 10:35	EMP	D
Turbidity, Field	127		NTU	1	Field	1	02/11/2026 10:35	EMP	D
Volume in Water Column	102.75		Gallons		Field	1	02/11/2026 10:35	EMP	D
Water Level After Purge	81.03		Feet		Field	1	02/11/2026 10:35	EMP	D
Well Volumes Purged	0.04		Vol		Field	1	02/11/2026 10:35	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	78.6		mg/L	0.11	SW846 6010C	1	02/17/2026 09:38	MSY	J1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	02/17/2026 09:38	MSY	J1
Magnesium, Total	18.2		mg/L	0.11	SW846 6010C	1	02/17/2026 09:38	MSY	J1
Manganese, Total	0.12		mg/L	0.0056	SW846 6010C	1	02/17/2026 09:38	MSY	J1
Potassium, Total	3.0		mg/L	0.56	SW846 6010C	1	02/17/2026 09:38	MSY	J1
Sodium, Total	46.2		mg/L	0.56	SW846 6010C	1	02/17/2026 09:38	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/15/2026 18:40	BMP	H

Results

Client Sample ID	FFMP005W	Collected	02/11/2026 10:35
Lab Sample ID	3450751004	Lab Receipt	02/11/2026 15:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 – 133	02/15/2026 18:40	
4-Bromofluorobenzene	460-00-4	101%	79 – 114	02/15/2026 18:40	
Dibromofluoromethane	1868-53-7	96.4%	78 – 116	02/15/2026 18:40	
Toluene-d8	2037-26-5	103%	76 – 127	02/15/2026 18:40	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	59		mg/L	5	SM2320B-2011	1	02/13/2026 20:52	TJH	B
Alkalinity, Total	59	1	mg/L	5	SM2320B-2011	1	02/13/2026 20:52	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/17/2026 13:27	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/17/2026 12:45	KMS	A
Chloride	159		mg/L	0.50	EPA 300.0	2	02/12/2026 14:44	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/12/2026 14:44	J1W	B
Nitrate-N	2.3		mg/L	0.050	EPA 300.0	2	02/12/2026 14:44	J1W	B
pH	7.57	2	pH_Units		S4500HB-11	1	02/13/2026 20:52	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 14:49	A1L	G
Specific Conductance	806		umhos/cm	5	SW846 9050A	1	02/17/2026 08:48	TJH	B
Sulfate	70.8		mg/L	0.50	EPA 300.0	2	02/12/2026 14:44	J1W	B
Total Dissolved Solids	486		mg/L	25	SM2540C-15	1	02/13/2026 16:20	RAG	B
Total Organic Carbon (TOC)	1.2		mg/L	0.50	SW846 9060A	1	02/12/2026 18:14	PAG	E
Turbidity	ND	ND	NTU	0.30	SM2130B-2011	1	02/12/2026 09:00	NPF	B

Results

Client Sample ID	FFMP033W	Collected	02/11/2026 13:47
Lab Sample ID	3450751005	Lab Receipt	02/11/2026 15:00

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	21.18		Feet		Field	1	02/11/2026 13:47	EMP	D
Dissolved Oxygen	1.02		mg/L	0.01	Field	1	02/11/2026 13:47	EMP	D
Elev Top MW Casing above MSL	516.52		Feet		Field	1	02/11/2026 13:47	EMP	D
Flow Rate	1.96		gal/min		Field	1	02/11/2026 13:47	EMP	D
Ground Water Elevation	495.34		ft/MSL		Field	1	02/11/2026 13:47	EMP	D
Oxidation-Reduction Potential	121		mV		Field	1	02/11/2026 13:47	EMP	D
pH, Field (SM4500B)	5.40		pH_Units		Field	1	02/11/2026 13:47	EMP	D
Sample Depth	79.00		Feet		Field	1	02/11/2026 13:47	EMP	D
Specific Conductance, Field	455		umhos/cm	1	Field	1	02/11/2026 13:47	EMP	D
Temperature	15.51		Deg. C		Field	1	02/11/2026 13:47	EMP	D
Total Well Depth	100.00		Feet		Field	1	02/11/2026 13:47	EMP	D
Turbidity, Field	12		NTU	1	Field	1	02/11/2026 13:47	EMP	D
Volume in Water Column	115.87		Gallons		Field	1	02/11/2026 13:47	EMP	D
Water Level After Purge	41.63		Feet		Field	1	02/11/2026 13:47	EMP	D
Well Volumes Purged	2.28		Vol		Field	1	02/11/2026 13:47	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	38.9		mg/L	0.11	SW846 6010C	1	02/17/2026 09:28	MSY	J1
Iron, Total	4.8		mg/L	0.067	SW846 6010C	1	02/17/2026 09:28	MSY	J1
Magnesium, Total	14.6		mg/L	0.11	SW846 6010C	1	02/17/2026 09:28	MSY	J1
Manganese, Total	0.15		mg/L	0.0056	SW846 6010C	1	02/17/2026 09:28	MSY	J1
Potassium, Total	1.9		mg/L	0.56	SW846 6010C	1	02/17/2026 09:28	MSY	J1
Sodium, Total	20.4		mg/L	0.56	SW846 6010C	1	02/17/2026 09:28	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:33	PDK	H

Results

Client Sample ID	FFMP033W	Collected	02/11/2026 13:47
Lab Sample ID	3450751005	Lab Receipt	02/11/2026 15:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	102%	62 – 133	02/14/2026 03:33	
4-Bromofluorobenzene	460-00-4	94.8%	79 – 114	02/14/2026 03:33	
Dibromofluoromethane	1868-53-7	93.3%	78 – 116	02/14/2026 03:33	
Toluene-d8	2037-26-5	94.8%	76 – 127	02/14/2026 03:33	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	30		mg/L	5	SM2320B-2011	1	02/13/2026 21:08	TJH	B
Alkalinity, Total	30	1	mg/L	5	SM2320B-2011	1	02/13/2026 21:08	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/17/2026 13:31	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/17/2026 12:45	KMS	A
Chloride	89.3		mg/L	0.50	EPA 300.0	2	02/12/2026 14:57	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/12/2026 14:57	J1W	B
Nitrate-N	11.3		mg/L	0.050	EPA 300.0	2	02/12/2026 14:57	J1W	B
pH	7.28	2	pH_Units		S4500HB-11	1	02/13/2026 21:08	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 15:12	A1L	G
Specific Conductance	406		umhos/cm	5	SW846 9050A	1	02/17/2026 08:48	TJH	B
Sulfate	14.0		mg/L	0.50	EPA 300.0	2	02/12/2026 14:57	J1W	B
Total Dissolved Solids	306		mg/L	25	SM2540C-15	1	02/13/2026 16:20	RAG	B
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SW846 9060A	1	02/12/2026 18:14	PAG	E
Turbidity	17		NTU	0.30	SM2130B-2011	1	02/12/2026 09:00	NPF	B

Results

Client Sample ID	TRIP BLANK	Collected	02/11/2026 00:00
Lab Sample ID	3450751006	Lab Receipt	02/11/2026 15:00

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:10	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 – 133	02/14/2026 01:10	
4-Bromofluorobenzene	460-00-4	95.5%	79 – 114	02/14/2026 01:10	
Dibromofluoromethane	1868-53-7	95.6%	78 – 116	02/14/2026 01:10	
Toluene-d8	2037-26-5	97.3%	76 – 127	02/14/2026 01:10	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3450751001	FFMP30RW	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450751002	FFMP04AW	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450751003	FFMP26RW	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450751004	FFMP005W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3450751005	FFMP033W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450751006	TRIP BLANK	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
3450751001	FFMP30RW	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522970	02/17/2026 10:18	RMH	SW846 6010C	1523005
		N/A	N/A	N/A		SW846 8260B	1522673
		N/A	N/A	N/A		EPA 300.0	1516766
		N/A	N/A	N/A		EPA 410.4	1522746
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1522867
		N/A	N/A	N/A		SM2130B-2011	1516671
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1520666
		N/A	N/A	N/A		SW846 9050A	1522740
		N/A	N/A	N/A		SW846 9060A	1517866
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643
3450751002	FFMP04AW	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522747	02/16/2026 14:27	RMH	SW846 6010C	1522894
		N/A	N/A	N/A		SW846 8260B	1522673
		N/A	N/A	N/A		EPA 300.0	1516766
		N/A	N/A	N/A		EPA 410.4	1522746
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1522867
		N/A	N/A	N/A		SM2130B-2011	1516671
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1520666
		N/A	N/A	N/A		SW846 9050A	1522740
		N/A	N/A	N/A		SW846 9060A	1517866
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643
3450751003	FFMP26RW	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522747	02/16/2026 14:27	RMH	SW846 6010C	1522894
		N/A	N/A	N/A		SW846 8260B	1522673
		N/A	N/A	N/A		EPA 300.0	1516766
		N/A	N/A	N/A		EPA 410.4	1522746
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1522867
		N/A	N/A	N/A		SM2130B-2011	1516671
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1520666
		N/A	N/A	N/A		SW846 9050A	1522740
		N/A	N/A	N/A		SW846 9060A	1517866
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643
3450751004	FFMP005W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522747	02/16/2026 14:27	RMH	SW846 6010C	1522894
		N/A	N/A	N/A		SW846 8260B	1522673
		N/A	N/A	N/A		EPA 300.0	1516766
		N/A	N/A	N/A		EPA 410.4	1522746
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1522867
		N/A	N/A	N/A		SM2130B-2011	1516671
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1520666
		N/A	N/A	N/A		SW846 9050A	1522740
		N/A	N/A	N/A		SW846 9060A	1517866
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3450751005	FFMP033W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522747	02/16/2026 14:27	RMH	SW846 6010C	1522894
		N/A	N/A	N/A		SW846 8260B	1522469
		N/A	N/A	N/A		EPA 300.0	1516766
		N/A	N/A	N/A		EPA 410.4	1522746
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1522867
		N/A	N/A	N/A		SM2130B-2011	1516671
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1520666
		N/A	N/A	N/A		SW846 9050A	1522740
		N/A	N/A	N/A		SW846 9060A	1517866
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643
3450751006	TRIP BLANK	N/A	N/A	N/A		SW846 8260B	1522469

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 #: 3450751
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 Quarterly GWMP
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	
	Container Size	40ml	125ml	40ml	500ml	250ml			250ml	125ml	
	Preservative	HCL	H2SO4	HCL	UNP	UNP			H2SO4	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 19Q	pH, CL, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, Bicarbonate	FM	Sample Debth for AUX Data	NH3-N, COD	Metals Fe,Mn,Na,Ca,K,Mg	
							Enter Number of Containers Per Sample or Field Results Below.									
1	FFMP30RW	2/11/26	0827		G	GW	2	1	2	1	1	x	x	1	2	
2	FFMP04AW	2/11/26	0853				2	1	2	1	1	X	X	1	2	
3	FFMP26RW	2/11/26	1024				2	1	2	1	1	X	X	1	2	
4	FFMP005W	2/11/26	1035				2	1	2	1	1	X	X	1	2	
5	FFMP033W	2/11/26	1347				2	1	2	1	1	X	X	1	2	
6	TRIP BLANK	2/11/26	NZ						2							
7																
8																
9																
10																

Receipt Inform
Temp Taken By:
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: EP ID:

Comments:

Date:	Time		Relinquished By / Company Name		Received By / Company Name
11-Feb	1500	1	ALS EP	2	Tahoyal ALS
		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

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 LCSWMA Workorder 3450751

Temp °C 7 Therm ID 352 Ice? (Y) N N/A Initials & Date tkh 2-11-26

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:

_____

_____

_____

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 Quarterly GWMP
Workorder 3451082
Report ID 496687 on 2/24/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Feb 13, 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
Ashley Gichuki - 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
3451082001	FFMP03AW	Ground Water	02/13/2026 09:35	02/13/2026 11:30	EMP	ALS Environmental-Middletown
3451082002	TRIP BLANK	Water	02/13/2026 00:00	02/13/2026 11:30	EMP	ALS Environmental-Middletown
3451082003	FIELD BLANK	Water	02/13/2026 09:00	02/13/2026 11:30	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.	
E	Result reported exceeds instrument calibration
1	The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO3/L.
2	The sample was originally run within hold time, but required further analysis that exceeded hold time.
3	This sample was reran out of hold within the instrument's calibration range, for the analyte Nitrate/Nitrite -N, and confirms the initial in-hold reported result.
4	Analyte was analyzed past the 48 hour holding time.
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.

Detected Results Summary

Client Sample ID	FFMP03AW	Collected	02/13/2026 09:35
Lab Sample ID	3451082001	Lab Receipt	02/13/2026 11:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	54.72	Feet		Field	#
Dissolved Oxygen	8.59	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	590.90	Feet		Field	#
Flow Rate	1.53	gal/min		Field	#
Ground Water Elevation	536.18	ft/MSL		Field	#
Oxidation-Reduction Potential	293	mV		Field	#
pH, Field (SM4500B)	5.05	pH_Units		Field	#
Sample Depth	130.00	Feet		Field	#
Specific Conductance, Field	402	umhos/cm	1	Field	#
Temperature	14.39	Deg. C		Field	#
Total Well Depth	148.40	Feet		Field	#
Volume in Water Column	137.71	Gallons		Field	#
Water Level After Purge	83.80	Feet		Field	#
Well Volumes Purged	1.72	Vol		Field	#
METALS					
Calcium, Total	19.5	mg/L	0.11	SW846 6010C	#
Magnesium, Total	18.6	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.27	mg/L	0.0056	SW846 6010C	#
Potassium, Total	1.9	mg/L	0.56	SW846 6010C	#
Sodium, Total	16.3	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	11	mg/L	5	SM2320B-2011	#
Alkalinity, Total	11	mg/L	5	SM2320B-2011	#
Chloride	62.6	mg/L	0.50	EPA 300.0	#
Nitrate-N	21.0	mg/L	0.050	EPA 300.0	#
pH	6.72	pH_Units		S4500HB-11	#
Specific Conductance	399	umhos/cm	5	SW846 9050A	#
Sulfate	1.2	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	270	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.52	mg/L	0.50	SW846 9060A	#
Turbidity	0.35	NTU	0.30	SM2130B-2011	#

Results

Client Sample ID	FFMP03AW	Collected	02/13/2026 09:35
Lab Sample ID	3451082001	Lab Receipt	02/13/2026 11:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	54.72		Feet		Field	1	02/13/2026 09:53	EMP	D
Dissolved Oxygen	8.59		mg/L	0.01	Field	1	02/13/2026 09:53	EMP	D
Elev Top MW Casing above MSL	590.90		Feet		Field	1	02/13/2026 09:53	EMP	D
Flow Rate	1.53		gal/min		Field	1	02/13/2026 09:53	EMP	D
Ground Water Elevation	536.18		ft/MSL		Field	1	02/13/2026 09:53	EMP	D
Oxidation-Reduction Potential	293		mV		Field	1	02/13/2026 09:53	EMP	D
pH, Field (SM4500B)	5.05		pH_Units		Field	1	02/13/2026 09:53	EMP	D
Sample Depth	130.00		Feet		Field	1	02/13/2026 09:53	EMP	D
Specific Conductance, Field	402		umhos/cm	1	Field	1	02/13/2026 09:53	EMP	D
Temperature	14.39		Deg. C		Field	1	02/13/2026 09:53	EMP	D
Total Well Depth	148.40		Feet		Field	1	02/13/2026 09:53	EMP	D
Turbidity, Field	ND	ND	NTU	1	Field	1	02/13/2026 09:53	EMP	D
Volume in Water Column	137.71		Gallons		Field	1	02/13/2026 09:53	EMP	D
Water Level After Purge	83.80		Feet		Field	1	02/13/2026 09:53	EMP	D
Well Volumes Purged	1.72		Vol		Field	1	02/13/2026 09:53	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	19.5		mg/L	0.11	SW846 6010C	1	02/19/2026 10:49	MSY	J1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	02/19/2026 10:49	MSY	J1
Magnesium, Total	18.6		mg/L	0.11	SW846 6010C	1	02/19/2026 10:49	MSY	J1
Manganese, Total	0.27		mg/L	0.0056	SW846 6010C	1	02/19/2026 10:49	MSY	J1
Potassium, Total	1.9		mg/L	0.56	SW846 6010C	1	02/19/2026 10:49	MSY	J1
Sodium, Total	16.3		mg/L	0.56	SW846 6010C	1	02/19/2026 10:49	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 04:27	PDK	H

Results

Client Sample ID	FFMP03AW	Collected	02/13/2026 09:35
Lab Sample ID	3451082001	Lab Receipt	02/13/2026 11:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103%	62 – 133	02/17/2026 04:27	
4-Bromofluorobenzene	460-00-4	97.7%	79 – 114	02/17/2026 04:27	
Dibromofluoromethane	1868-53-7	96.1%	78 – 116	02/17/2026 04:27	
Toluene-d8	2037-26-5	97.7%	76 – 127	02/17/2026 04:27	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	11		mg/L	5	SM2320B-2011	1	02/18/2026 11:42	TJH	B
Alkalinity, Total	11	1	mg/L	5	SM2320B-2011	1	02/18/2026 11:42	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/17/2026 14:03	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/17/2026 12:45	KMS	A
Chloride	62.6		mg/L	0.50	EPA 300.0	2	02/16/2026 08:25	CRM	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/16/2026 08:25	CRM	B
Nitrate-N	21.0	E,2,3,4	mg/L	0.050	EPA 300.0	2	02/16/2026 08:25	CRM	B
pH	6.72	5	pH_Units		S4500HB-11	1	02/18/2026 11:42	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 17:35	A1L	G
Specific Conductance	399		umhos/cm	5	SW846 9050A	1	02/17/2026 08:48	TJH	B
Sulfate	1.2		mg/L	0.50	EPA 300.0	2	02/16/2026 08:25	CRM	B
Total Dissolved Solids	270		mg/L	25	SM2540C-15	1	02/17/2026 13:50	RAG	B
Total Organic Carbon (TOC)	0.52		mg/L	0.50	SW846 9060A	1	02/17/2026 01:15	PAG	E
Turbidity	0.35		NTU	0.30	SM2130B-2011	1	02/14/2026 08:20	NPF	B

Results

Client Sample ID	TRIP BLANK	Collected	02/13/2026 00:00
Lab Sample ID	3451082002	Lab Receipt	02/13/2026 11:30

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/16/2026 23:41	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	02/16/2026 23:41	
4-Bromofluorobenzene	460-00-4	98.7%	79 – 114	02/16/2026 23:41	
Dibromofluoromethane	1868-53-7	95.5%	78 – 116	02/16/2026 23:41	
Toluene-d8	2037-26-5	99.3%	76 – 127	02/16/2026 23:41	

Results

Client Sample ID	FIELD BLANK	Collected	02/13/2026 09:00
Lab Sample ID	3451082003	Lab Receipt	02/13/2026 11:30

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:02	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	102%	62 – 133	02/17/2026 00:02	
4-Bromofluorobenzene	460-00-4	98.6%	79 – 114	02/17/2026 00:02	
Dibromofluoromethane	1868-53-7	95.9%	78 – 116	02/17/2026 00:02	
Toluene-d8	2037-26-5	98.1%	76 – 127	02/17/2026 00:02	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3451082001	FFMP03AW	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3451082002	TRIP BLANK	SW846 8260B	N/A	
3451082003	FIELD BLANK	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
3451082001	FFMP03AW	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522970	02/17/2026 10:18	RMH	SW846 6010C	1523005
		N/A	N/A	N/A		SW846 8260B	1522913
		N/A	N/A	N/A		EPA 300.0	1522774
		N/A	N/A	N/A		EPA 410.4	1522746
		N/A	N/A	N/A		S4500HB-11	1523009
		N/A	N/A	N/A		SM 4500-NH3G	1522870
		N/A	N/A	N/A		SM2130B-2011	1522566
		N/A	N/A	N/A		SM2320B-2011	1523009
		N/A	N/A	N/A		SM2540C-15	1522987
		N/A	N/A	N/A		SW846 9050A	1522740
		N/A	N/A	N/A		SW846 9060A	1522768
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643
3451082002	TRIP BLANK	N/A	N/A	N/A		SW846 8260B	1522913
3451082003	FIELD BLANK	N/A	N/A	N/A		SW846 8260B	1522913

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 #: 3451082
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 Quarterly GWMP
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	
	Container Size	40ml	125ml	40ml	500ml	250ml			250ml	125ml	
	Preservative	HCL	H2SO4	HCL	UNP	UNP			H2SO4	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 19Q	pH, CL, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, Bicarbonate	FM	Sample Debth for AUX Data	NH3-N, COD	Metals Fe,Mn,Na,Ca,K,Mg	
							Enter Number of Containers Per Sample or Field Results Below.									
1	FFMP03AW	2/13/26	0935		G	GW	2	1	2	1	1	x	x	1	2	
2	Trip Blank	2/13/26	NA			DI			2							
3	Field Blank	2/13/26	0900			DI			2							
4						MDB 2-13-26										
5																
6																
7																
8																
9																
10																

Receipt Info
Temp Taken By: MDB
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: Evon P **ID:**

Comments:

Date:	Time		Relinquished By / Company Name		Received By / Company Name
2-13-26	1130	1	ALS EP	2	Mutch ALS
		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

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

right solutions. right partner.

Middletown Sample Condition Form

Client LCSWMA Workorder 3451082

Temp °C 7 Therm ID 309 Ice? (Y) N N/A Initials & Date 2-13-26

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		✓		UC
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 Quarterly GWMP
Workorder 3450602
Report ID 496685 on 2/24/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Feb 10, 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
Ashley Gichuki - 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
3450602001	FFMP031W	Ground Water	02/10/2026 10:18	02/10/2026 14:15	EMP	ALS Environmental-Middletown
3450602002	FFMP002W	Ground Water	02/10/2026 09:58	02/10/2026 14:15	EMP	ALS Environmental-Middletown
3450602003	FIELD BLANK	Ground Water	02/10/2026 10:50	02/10/2026 14:15	EMP	ALS Environmental-Middletown
3450602004	TRIP BLANK	Water	02/10/2026 00:00	02/10/2026 14:15	EMP	ALS Environmental-Middletown
3450602005	FFMP032W	Ground Water	02/10/2026 11:22	02/10/2026 14:15	EMP	ALS Environmental-Middletown
3450602006	FFMP015W	Ground Water	02/10/2026 11:28	02/10/2026 14:15	EMP	ALS Environmental-Middletown
3450602007	FFMP029W	Ground Water	02/10/2026 12:17	02/10/2026 14:15	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 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	FFMP031W	Collected	02/10/2026 10:18
Lab Sample ID	3450602001	Lab Receipt	02/10/2026 14:15

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	73.70	Feet		Field	#
Dissolved Oxygen	0.45	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	538.96	ft/MSL		Field	#
Oxidation-Reduction Potential	105	mV		Field	#
pH, Field (SM4500B)	7.45	pH_Units		Field	#
Sample Depth	130.00	Feet		Field	#
Specific Conductance, Field	407	umhos/cm	1	Field	#
Temperature	12.58	Deg. C		Field	#
Total Well Depth	152.70	Feet		Field	#
Turbidity, Field	8	NTU	1	Field	#
Volume in Water Column	116.13	Gallons		Field	#
Water Level After Purge	75.33	Feet		Field	#
Well Volumes Purged	0.04	Vol		Field	#
METALS					
Calcium, Total	73.0	mg/L	0.11	SW846 6010C	#
Iron, Total	0.65	mg/L	0.067	SW846 6010C	#
Magnesium, Total	4.5	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.38	mg/L	0.0056	SW846 6010C	#
Potassium, Total	1.6	mg/L	0.56	SW846 6010C	#
Sodium, Total	9.2	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	120	mg/L	5	SM2320B-2011	#
Alkalinity, Total	120	mg/L	5	SM2320B-2011	#
Chloride	22.2	mg/L	0.50	EPA 300.0	#
Nitrate-N	0.94	mg/L	0.050	EPA 300.0	#
pH	8.10	pH_Units		S4500HB-11	#
Phenolics	0.006	mg/L	0.004	SW846 9066	#
Specific Conductance	446	umhos/cm	5	SW846 9050A	#
Sulfate	49.7	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	242	mg/L	25	SM2540C-15	#
Turbidity	7.8	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP002W	Collected	02/10/2026 09:58
Lab Sample ID	3450602002	Lab Receipt	02/10/2026 14:15

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	71.81	Feet		Field	#
Dissolved Oxygen	4.61	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	541.39	ft/MSL		Field	#
Oxidation-Reduction Potential	396	mV		Field	#
pH, Field (SM4500B)	4.53	pH_Units		Field	#
Sample Depth	85.00	Feet		Field	#
Specific Conductance, Field	246	umhos/cm	1	Field	#
Temperature	12.98	Deg. C		Field	#
Total Well Depth	90.02	Feet		Field	#
Turbidity, Field	1	NTU	1	Field	#
Volume in Water Column	26.77	Gallons		Field	#
Water Level After Purge	76.37	Feet		Field	#
Well Volumes Purged	0.18	Vol		Field	#
METALS					
Calcium, Total	17.3	mg/L	0.11	SW846 6010C	#
Magnesium, Total	7.4	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.23	mg/L	0.0056	SW846 6010C	#
Potassium, Total	1.2	mg/L	0.56	SW846 6010C	#
Sodium, Total	13.5	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Chloride	16.1	mg/L	0.50	EPA 300.0	#
Nitrate-N	15.7	mg/L	0.050	EPA 300.0	#
pH	5.60	pH_Units		S4500HB-11	#
Phenolics	0.006	mg/L	0.004	SW846 9066	#
Specific Conductance	279	umhos/cm	5	SW846 9050A	#
Sulfate	18.7	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	154	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.60	mg/L	0.50	SW846 9060A	#
Turbidity	0.90	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FIELD BLANK	Collected	02/10/2026 10:50
Lab Sample ID	3450602003	Lab Receipt	02/10/2026 14:15

Compound	Result	Units	RDL	Method	Flag
WET CHEMISTRY					
pH	5.64	pH_Units		S4500HB-11	#
Specific Conductance	9	umhos/cm	5	SW846 9050A	#
Turbidity	0.40	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP032W	Collected	02/10/2026 11:22
Lab Sample ID	3450602005	Lab Receipt	02/10/2026 14:15

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	52.59	Feet		Field	#
Dissolved Oxygen	0.48	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	541.50	ft/MSL		Field	#
Oxidation-Reduction Potential	-99	mV		Field	#
pH, Field (SM4500B)	7.12	pH_Units		Field	#
Sample Depth	62.00	Feet		Field	#
Specific Conductance, Field	275	umhos/cm	1	Field	#
Temperature	12.90	Deg. C		Field	#
Total Well Depth	77.60	Feet		Field	#
Turbidity, Field	41	NTU	1	Field	#
Volume in Water Column	36.76	Gallons		Field	#
Water Level After Purge	55.32	Feet		Field	#
Well Volumes Purged	0.08	Vol		Field	#
METALS					
Calcium, Total	20.7	mg/L	0.11	SW846 6010C	#
Iron, Total	11.0	mg/L	0.067	SW846 6010C	#
Magnesium, Total	7.8	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.92	mg/L	0.0056	SW846 6010C	#
Potassium, Total	1.6	mg/L	0.56	SW846 6010C	#
Sodium, Total	14.5	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	57	mg/L	5	SM2320B-2011	#
Alkalinity, Total	57	mg/L	5	SM2320B-2011	#
Ammonia-N, Low Level	0.49	mg/L	0.10	SM 4500-NH3G	#
Chloride	42.8	mg/L	0.50	EPA 300.0	#
Nitrate-N	0.061	mg/L	0.050	EPA 300.0	#
pH	7.77	pH_Units		S4500HB-11	#
Specific Conductance	272	umhos/cm	5	SW846 9050A	#
Total Dissolved Solids	133	mg/L	25	SM2540C-15	#
Turbidity	70	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP015W	Collected	02/10/2026 11:28
Lab Sample ID	3450602006	Lab Receipt	02/10/2026 14:15

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	64.21	Feet		Field	#
Dissolved Oxygen	4.65	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	512.19	ft/MSL		Field	#
Oxidation-Reduction Potential	190	mV		Field	#
pH, Field (SM4500B)	5.85	pH_Units		Field	#
Sample Depth	135.00	Feet		Field	#
Specific Conductance, Field	330	umhos/cm	1	Field	#
Temperature	12.33	Deg. C		Field	#
Total Well Depth	149.90	Feet		Field	#
Turbidity, Field	13	NTU	1	Field	#
Volume in Water Column	125.96	Gallons		Field	#
Water Level After Purge	65.13	Feet		Field	#
Well Volumes Purged	0.02	Vol		Field	#
METALS					
Calcium, Total	23.6	mg/L	0.11	SW846 6010C	#
Magnesium, Total	16.0	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.018	mg/L	0.0056	SW846 6010C	#
Potassium, Total	1.7	mg/L	0.56	SW846 6010C	#
Sodium, Total	14.6	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	42	mg/L	5	SM2320B-2011	#
Alkalinity, Total	42	mg/L	5	SM2320B-2011	#
Chloride	22.5	mg/L	0.50	EPA 300.0	#
Nitrate-N	12.9	mg/L	0.050	EPA 300.0	#
pH	7.46	pH_Units		S4500HB-11	#
Specific Conductance	401	umhos/cm	5	SW846 9050A	#
Sulfate	33.7	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	191	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.71	mg/L	0.50	SW846 9060A	#
Turbidity	0.95	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP029W	Collected	02/10/2026 12:17
Lab Sample ID	3450602007	Lab Receipt	02/10/2026 14:15

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	42.29	Feet		Field	#
Dissolved Oxygen	5.90	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	477.30	Feet		Field	#
Flow Rate	1.65	gal/min		Field	#
Ground Water Elevation	435.01	ft/MSL		Field	#
Oxidation-Reduction Potential	244	mV		Field	#
pH, Field (SM4500B)	5.16	pH_Units		Field	#
Sample Depth	55.00	Feet		Field	#
Specific Conductance, Field	232	umhos/cm	1	Field	#
Temperature	14.69	Deg. C		Field	#
Total Well Depth	60.50	Feet		Field	#
Volume in Water Column	26.77	Gallons		Field	#
Water Level After Purge	46.10	Feet		Field	#
Well Volumes Purged	1.23	Vol		Field	#
METALS					
Calcium, Total	12.5	mg/L	0.11	SW846 6010C	#
Magnesium, Total	10	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.012	mg/L	0.0056	SW846 6010C	#
Potassium, Total	1.9	mg/L	0.56	SW846 6010C	#
Sodium, Total	13.9	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	9	mg/L	5	SM2320B-2011	#
Alkalinity, Total	9	mg/L	5	SM2320B-2011	#
Chloride	54.0	mg/L	0.50	EPA 300.0	#
Nitrate-N	3.7	mg/L	0.050	EPA 300.0	#
pH	6.70	pH_Units		S4500HB-11	#
Specific Conductance	302	umhos/cm	5	SW846 9050A	#
Sulfate	1.1	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	141	mg/L	25	SM2540C-15	#
Turbidity	0.65	NTU	0.30	SM2130B-2011	#

Results

Client Sample ID	FFMP031W	Collected	02/10/2026 10:18
Lab Sample ID	3450602001	Lab Receipt	02/10/2026 14:15

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	73.70		Feet		Field	1	02/10/2026 10:18	EMP	D
Dissolved Oxygen	0.45		mg/L	0.01	Field	1	02/10/2026 10:18	EMP	D
Elev Top MW Casing above MSL	612.66		Feet		Field	1	02/10/2026 10:18	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/10/2026 10:18	EMP	D
Ground Water Elevation	538.96		ft/MSL		Field	1	02/10/2026 10:18	EMP	D
Oxidation-Reduction Potential	105		mV		Field	1	02/10/2026 10:18	EMP	D
pH, Field (SM4500B)	7.45		pH_Units		Field	1	02/10/2026 10:18	EMP	D
Sample Depth	130.00		Feet		Field	1	02/10/2026 10:18	EMP	D
Specific Conductance, Field	407		umhos/cm	1	Field	1	02/10/2026 10:18	EMP	D
Temperature	12.58		Deg. C		Field	1	02/10/2026 10:18	EMP	D
Total Well Depth	152.70		Feet		Field	1	02/10/2026 10:18	EMP	D
Turbidity, Field	8		NTU	1	Field	1	02/10/2026 10:18	EMP	D
Volume in Water Column	116.13		Gallons		Field	1	02/10/2026 10:18	EMP	D
Water Level After Purge	75.33		Feet		Field	1	02/10/2026 10:18	EMP	D
Well Volumes Purged	0.04		Vol		Field	1	02/10/2026 10:18	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	73.0		mg/L	0.11	SW846 6010C	1	02/17/2026 09:17	MSY	J1
Iron, Total	0.65		mg/L	0.067	SW846 6010C	1	02/17/2026 09:17	MSY	J1
Magnesium, Total	4.5		mg/L	0.11	SW846 6010C	1	02/17/2026 09:17	MSY	J1
Manganese, Total	0.38		mg/L	0.0056	SW846 6010C	1	02/17/2026 09:17	MSY	J1
Potassium, Total	1.6		mg/L	0.56	SW846 6010C	1	02/17/2026 09:17	MSY	J1
Sodium, Total	9.2		mg/L	0.56	SW846 6010C	1	02/17/2026 09:17	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:53	IXK	H

Results

Client Sample ID	FFMP031W	Collected	02/10/2026 10:18
Lab Sample ID	3450602001	Lab Receipt	02/10/2026 14:15

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	02/14/2026 02:53	
4-Bromofluorobenzene	460-00-4	97.4%	79 – 114	02/14/2026 02:53	
Dibromofluoromethane	1868-53-7	92%	78 – 116	02/14/2026 02:53	
Toluene-d8	2037-26-5	99.1%	76 – 127	02/14/2026 02:53	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	120		mg/L	5	SM2320B-2011	1	02/13/2026 12:16	TJH	B
Alkalinity, Total	120	1	mg/L	5	SM2320B-2011	1	02/13/2026 12:16	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/16/2026 18:23	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/13/2026 12:41	KMS	A
Chloride	22.2		mg/L	0.50	EPA 300.0	2	02/11/2026 14:10	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/11/2026 14:10	J1W	B
Nitrate-N	0.94		mg/L	0.050	EPA 300.0	2	02/11/2026 14:10	J1W	B
pH	8.10	2	pH_Units		S4500HB-11	1	02/13/2026 12:16	TJH	B
Phenolics	0.006		mg/L	0.004	SW846 9066	1	02/19/2026 13:32	A1L	G
Specific Conductance	446		umhos/cm	5	SW846 9050A	1	02/12/2026 09:03	TJH	B
Sulfate	49.7		mg/L	0.50	EPA 300.0	2	02/11/2026 14:10	J1W	B
Total Dissolved Solids	242		mg/L	25	SM2540C-15	1	02/12/2026 17:12	RAG	B
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SW846 9060A	1	02/12/2026 09:23	PAG	E
Turbidity	7.8		NTU	0.30	SM2130B-2011	1	02/11/2026 08:21	NPF	B

Results

Client Sample ID	FFMP002W	Collected	02/10/2026 09:58
Lab Sample ID	3450602002	Lab Receipt	02/10/2026 14:15

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	71.81		Feet		Field	1	02/10/2026 09:58	EMP	D
Dissolved Oxygen	4.61		mg/L	0.01	Field	1	02/10/2026 09:58	EMP	D
Elev Top MW Casing above MSL	613.20		Feet		Field	1	02/10/2026 09:58	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/10/2026 09:58	EMP	D
Ground Water Elevation	541.39		ft/MSL		Field	1	02/10/2026 09:58	EMP	D
Oxidation-Reduction Potential	396		mV		Field	1	02/10/2026 09:58	EMP	D
pH, Field (SM4500B)	4.53		pH_Units		Field	1	02/10/2026 09:58	EMP	D
Sample Depth	85.00		Feet		Field	1	02/10/2026 09:58	EMP	D
Specific Conductance, Field	246		umhos/cm	1	Field	1	02/10/2026 09:58	EMP	D
Temperature	12.98		Deg. C		Field	1	02/10/2026 09:58	EMP	D
Total Well Depth	90.02		Feet		Field	1	02/10/2026 09:58	EMP	D
Turbidity, Field	1		NTU	1	Field	1	02/10/2026 09:58	EMP	D
Volume in Water Column	26.77		Gallons		Field	1	02/10/2026 09:58	EMP	D
Water Level After Purge	76.37		Feet		Field	1	02/10/2026 09:58	EMP	D
Well Volumes Purged	0.18		Vol		Field	1	02/10/2026 09:58	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	17.3		mg/L	0.11	SW846 6010C	1	02/17/2026 09:10	MSY	J1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	02/17/2026 09:10	MSY	J1
Magnesium, Total	7.4		mg/L	0.11	SW846 6010C	1	02/17/2026 09:10	MSY	J1
Manganese, Total	0.23		mg/L	0.0056	SW846 6010C	1	02/17/2026 09:10	MSY	J1
Potassium, Total	1.2		mg/L	0.56	SW846 6010C	1	02/17/2026 09:10	MSY	J1
Sodium, Total	13.5		mg/L	0.56	SW846 6010C	1	02/17/2026 09:10	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:16	IXK	H

Results

Client Sample ID	FFMP002W	Collected	02/10/2026 09:58
Lab Sample ID	3450602002	Lab Receipt	02/10/2026 14:15

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	02/14/2026 03:16	
4-Bromofluorobenzene	460-00-4	96.2%	79 – 114	02/14/2026 03:16	
Dibromofluoromethane	1868-53-7	92.9%	78 – 116	02/14/2026 03:16	
Toluene-d8	2037-26-5	99.4%	76 – 127	02/14/2026 03:16	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	ND	ND	mg/L	5	SM2320B-2011	1	02/13/2026 12:26	TJH	B
Alkalinity, Total	ND	ND,1	mg/L	5	SM2320B-2011	1	02/13/2026 12:26	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/16/2026 18:26	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/13/2026 12:41	KMS	A
Chloride	16.1		mg/L	0.50	EPA 300.0	2	02/11/2026 14:23	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/11/2026 14:23	J1W	B
Nitrate-N	15.7		mg/L	0.050	EPA 300.0	2	02/11/2026 14:23	J1W	B
pH	5.60	2	pH_Units		S4500HB-11	1	02/13/2026 12:26	TJH	B
Phenolics	0.006		mg/L	0.004	SW846 9066	1	02/19/2026 13:42	A1L	G
Specific Conductance	279		umhos/cm	5	SW846 9050A	1	02/12/2026 09:03	TJH	B
Sulfate	18.7		mg/L	0.50	EPA 300.0	2	02/11/2026 14:23	J1W	B
Total Dissolved Solids	154		mg/L	25	SM2540C-15	1	02/12/2026 17:12	RAG	B
Total Organic Carbon (TOC)	0.60		mg/L	0.50	SW846 9060A	1	02/12/2026 09:23	PAG	E
Turbidity	0.90		NTU	0.30	SM2130B-2011	1	02/11/2026 08:21	NPF	B

Results

Client Sample ID	FIELD BLANK	Collected	02/10/2026 10:50
Lab Sample ID	3450602003	Lab Receipt	02/10/2026 14:15

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	ND	ND	mg/L	0.11	SW846 6010C	1	02/17/2026 09:13	MSY	J1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	02/17/2026 09:13	MSY	J1
Magnesium, Total	ND	ND	mg/L	0.11	SW846 6010C	1	02/17/2026 09:13	MSY	J1
Manganese, Total	ND	ND	mg/L	0.0056	SW846 6010C	1	02/17/2026 09:13	MSY	J1
Potassium, Total	ND	ND	mg/L	0.56	SW846 6010C	1	02/17/2026 09:13	MSY	J1
Sodium, Total	ND	ND	mg/L	0.56	SW846 6010C	1	02/17/2026 09:13	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:10	IXK	H

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	100%	62 – 133	02/14/2026 00:10	
4-Bromofluorobenzene	460-00-4	97.8%	79 – 114	02/14/2026 00:10	
Dibromofluoromethane	1868-53-7	94.3%	78 – 116	02/14/2026 00:10	
Toluene-d8	2037-26-5	98.8%	76 – 127	02/14/2026 00:10	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	ND	ND	mg/L	5	SM2320B-2011	1	02/13/2026 12:34	TJH	B
Alkalinity, Total	ND	ND,1	mg/L	5	SM2320B-2011	1	02/13/2026 12:34	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/16/2026 18:29	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/13/2026 12:41	KMS	A
Chloride	ND	ND	mg/L	0.50	EPA 300.0	2	02/11/2026 14:36	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/11/2026 14:36	J1W	B
Nitrate-N	ND	ND	mg/L	0.050	EPA 300.0	2	02/11/2026 14:36	J1W	B
pH	5.64	2	pH_Units		S4500HB-11	1	02/13/2026 12:34	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 18:15	A1L	G

Results

Client Sample ID	FIELD BLANK	Collected	02/10/2026 10:50
Lab Sample ID	3450602003	Lab Receipt	02/10/2026 14:15

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Specific Conductance	9		umhos/cm	5	SW846 9050A	1	02/12/2026 09:03	TJH	B
Sulfate	ND	ND	mg/L	0.50	EPA 300.0	2	02/11/2026 14:36	J1W	B
Total Dissolved Solids	ND	ND	mg/L	25	SM2540C-15	1	02/12/2026 17:12	RAG	B
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SW846 9060A	1	02/17/2026 01:15	PAG	E
Turbidity	0.40		NTU	0.30	SM2130B-2011	1	02/11/2026 08:21	NPF	B

Results

Client Sample ID	TRIP BLANK	Collected	02/10/2026 00:00
Lab Sample ID	3450602004	Lab Receipt	02/10/2026 14:15

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:23	IXK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	100%	62 – 133	02/13/2026 23:23	
4-Bromofluorobenzene	460-00-4	98.4%	79 – 114	02/13/2026 23:23	
Dibromofluoromethane	1868-53-7	93.3%	78 – 116	02/13/2026 23:23	
Toluene-d8	2037-26-5	101%	76 – 127	02/13/2026 23:23	

Results

Client Sample ID	FFMP032W	Collected	02/10/2026 11:22
Lab Sample ID	3450602005	Lab Receipt	02/10/2026 14:15

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	52.59		Feet		Field	1	02/10/2026 11:22	EMP	D
Dissolved Oxygen	0.48		mg/L	0.01	Field	1	02/10/2026 11:22	EMP	D
Elev Top MW Casing above MSL	594.09		Feet		Field	1	02/10/2026 11:22	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/10/2026 11:22	EMP	D
Ground Water Elevation	541.50		ft/MSL		Field	1	02/10/2026 11:22	EMP	D
Oxidation-Reduction Potential	-99		mV		Field	1	02/10/2026 11:22	EMP	D
pH, Field (SM4500B)	7.12		pH_Units		Field	1	02/10/2026 11:22	EMP	D
Sample Depth	62.00		Feet		Field	1	02/10/2026 11:22	EMP	D
Specific Conductance, Field	275		umhos/cm	1	Field	1	02/10/2026 11:22	EMP	D
Temperature	12.90		Deg. C		Field	1	02/10/2026 11:22	EMP	D
Total Well Depth	77.60		Feet		Field	1	02/10/2026 11:22	EMP	D
Turbidity, Field	41		NTU	1	Field	1	02/10/2026 11:22	EMP	D
Volume in Water Column	36.76		Gallons		Field	1	02/10/2026 11:22	EMP	D
Water Level After Purge	55.32		Feet		Field	1	02/10/2026 11:22	EMP	D
Well Volumes Purged	0.08		Vol		Field	1	02/10/2026 11:22	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	20.7		mg/L	0.11	SW846 6010C	1	02/17/2026 09:06	MSY	J1
Iron, Total	11.0		mg/L	0.067	SW846 6010C	1	02/17/2026 09:06	MSY	J1
Magnesium, Total	7.8		mg/L	0.11	SW846 6010C	1	02/17/2026 09:06	MSY	J1
Manganese, Total	0.92		mg/L	0.0056	SW846 6010C	1	02/17/2026 09:06	MSY	J1
Potassium, Total	1.6		mg/L	0.56	SW846 6010C	1	02/17/2026 09:06	MSY	J1
Sodium, Total	14.5		mg/L	0.56	SW846 6010C	1	02/17/2026 09:06	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 03:40	IXK	H

Results

Client Sample ID	FFMP032W	Collected	02/10/2026 11:22
Lab Sample ID	3450602005	Lab Receipt	02/10/2026 14:15

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	102%	62 – 133	02/14/2026 03:40	
4-Bromofluorobenzene	460-00-4	97.5%	79 – 114	02/14/2026 03:40	
Dibromofluoromethane	1868-53-7	95.2%	78 – 116	02/14/2026 03:40	
Toluene-d8	2037-26-5	100%	76 – 127	02/14/2026 03:40	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	57		mg/L	5	SM2320B-2011	1	02/13/2026 12:45	TJH	B
Alkalinity, Total	57	1	mg/L	5	SM2320B-2011	1	02/13/2026 12:45	TJH	B
Ammonia-N, Low Level	0.49		mg/L	0.10	SM 4500-NH3G	1	02/16/2026 18:32	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/13/2026 12:41	KMS	A
Chloride	42.8		mg/L	0.50	EPA 300.0	2	02/11/2026 14:49	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/11/2026 14:49	J1W	B
Nitrate-N	0.061		mg/L	0.050	EPA 300.0	2	02/11/2026 14:49	J1W	B
pH	7.77	2	pH_Units		S4500HB-11	1	02/13/2026 12:45	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 18:19	A1L	G
Specific Conductance	272		umhos/cm	5	SW846 9050A	1	02/12/2026 09:03	TJH	B
Sulfate	ND	ND	mg/L	0.50	EPA 300.0	2	02/11/2026 14:49	J1W	B
Total Dissolved Solids	133		mg/L	25	SM2540C-15	1	02/12/2026 17:12	RAG	B
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SW846 9060A	1	02/17/2026 01:15	PAG	E
Turbidity	70		NTU	0.30	SM2130B-2011	1	02/11/2026 08:21	NPF	B

Results

Client Sample ID	FFMP015W	Collected	02/10/2026 11:28
Lab Sample ID	3450602006	Lab Receipt	02/10/2026 14:15

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	64.21		Feet		Field	1	02/10/2026 11:28	EMP	D
Dissolved Oxygen	4.65		mg/L	0.01	Field	1	02/10/2026 11:28	EMP	D
Elev Top MW Casing above MSL	576.40		Feet		Field	1	02/10/2026 11:28	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/10/2026 11:28	EMP	D
Ground Water Elevation	512.19		ft/MSL		Field	1	02/10/2026 11:28	EMP	D
Oxidation-Reduction Potential	190		mV		Field	1	02/10/2026 11:28	EMP	D
pH, Field (SM4500B)	5.85		pH_Units		Field	1	02/10/2026 11:28	EMP	D
Sample Depth	135.00		Feet		Field	1	02/10/2026 11:28	EMP	D
Specific Conductance, Field	330		umhos/cm	1	Field	1	02/10/2026 11:28	EMP	D
Temperature	12.33		Deg. C		Field	1	02/10/2026 11:28	EMP	D
Total Well Depth	149.90		Feet		Field	1	02/10/2026 11:28	EMP	D
Turbidity, Field	13		NTU	1	Field	1	02/10/2026 11:28	EMP	D
Volume in Water Column	125.96		Gallons		Field	1	02/10/2026 11:28	EMP	D
Water Level After Purge	65.13		Feet		Field	1	02/10/2026 11:28	EMP	D
Well Volumes Purged	0.02		Vol		Field	1	02/10/2026 11:28	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	23.6		mg/L	0.11	SW846 6010C	1	02/17/2026 09:08	MSY	J1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	02/17/2026 09:08	MSY	J1
Magnesium, Total	16.0		mg/L	0.11	SW846 6010C	1	02/17/2026 09:08	MSY	J1
Manganese, Total	0.018		mg/L	0.0056	SW846 6010C	1	02/17/2026 09:08	MSY	J1
Potassium, Total	1.7		mg/L	0.56	SW846 6010C	1	02/17/2026 09:08	MSY	J1
Sodium, Total	14.6		mg/L	0.56	SW846 6010C	1	02/17/2026 09:08	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 04:03	IXK	H

Results

Client Sample ID	FFMP015W	Collected	02/10/2026 11:28
Lab Sample ID	3450602006	Lab Receipt	02/10/2026 14:15

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99.1%	62 – 133	02/14/2026 04:03	
4-Bromofluorobenzene	460-00-4	96.1%	79 – 114	02/14/2026 04:03	
Dibromofluoromethane	1868-53-7	91.8%	78 – 116	02/14/2026 04:03	
Toluene-d8	2037-26-5	97.3%	76 – 127	02/14/2026 04:03	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	42		mg/L	5	SM2320B-2011	1	02/13/2026 12:57	TJH	B
Alkalinity, Total	42	1	mg/L	5	SM2320B-2011	1	02/13/2026 12:57	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/16/2026 18:36	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/13/2026 12:41	KMS	A
Chloride	22.5		mg/L	0.50	EPA 300.0	2	02/11/2026 15:02	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/11/2026 15:02	J1W	B
Nitrate-N	12.9		mg/L	0.050	EPA 300.0	2	02/11/2026 15:02	J1W	B
pH	7.46	2	pH_Units		S4500HB-11	1	02/13/2026 12:57	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 13:52	A1L	G
Specific Conductance	401		umhos/cm	5	SW846 9050A	1	02/12/2026 09:03	TJH	B
Sulfate	33.7		mg/L	0.50	EPA 300.0	2	02/11/2026 15:02	J1W	B
Total Dissolved Solids	191		mg/L	25	SM2540C-15	1	02/12/2026 17:12	RAG	B
Total Organic Carbon (TOC)	0.71		mg/L	0.50	SW846 9060A	1	02/17/2026 01:15	PAG	E
Turbidity	0.95		NTU	0.30	SM2130B-2011	1	02/11/2026 08:21	NPF	B

Results

Client Sample ID	FFMP029W	Collected	02/10/2026 12:17
Lab Sample ID	3450602007	Lab Receipt	02/10/2026 14:15

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	42.29		Feet		Field	1	02/10/2026 12:17	EMP	D
Dissolved Oxygen	5.90		mg/L	0.01	Field	1	02/10/2026 12:17	EMP	D
Elev Top MW Casing above MSL	477.30		Feet		Field	1	02/10/2026 12:17	EMP	D
Flow Rate	1.65		gal/min		Field	1	02/10/2026 12:17	EMP	D
Ground Water Elevation	435.01		ft/MSL		Field	1	02/10/2026 12:17	EMP	D
Oxidation-Reduction Potential	244		mV		Field	1	02/10/2026 12:17	EMP	D
pH, Field (SM4500B)	5.16		pH_Units		Field	1	02/10/2026 12:17	EMP	D
Sample Depth	55.00		Feet		Field	1	02/10/2026 12:17	EMP	D
Specific Conductance, Field	232		umhos/cm	1	Field	1	02/10/2026 12:17	EMP	D
Temperature	14.69		Deg. C		Field	1	02/10/2026 12:17	EMP	D
Total Well Depth	60.50		Feet		Field	1	02/10/2026 12:17	EMP	D
Turbidity, Field	ND	ND	NTU	1	Field	1	02/10/2026 12:17	EMP	D
Volume in Water Column	26.77		Gallons		Field	1	02/10/2026 12:17	EMP	D
Water Level After Purge	46.10		Feet		Field	1	02/10/2026 12:17	EMP	D
Well Volumes Purged	1.23		Vol		Field	1	02/10/2026 12:17	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	12.5		mg/L	0.11	SW846 6010C	1	02/17/2026 09:15	MSY	J1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	02/17/2026 09:15	MSY	J1
Magnesium, Total	10		mg/L	0.11	SW846 6010C	1	02/17/2026 09:15	MSY	J1
Manganese, Total	0.012		mg/L	0.0056	SW846 6010C	1	02/17/2026 09:15	MSY	J1
Potassium, Total	1.9		mg/L	0.56	SW846 6010C	1	02/17/2026 09:15	MSY	J1
Sodium, Total	13.9		mg/L	0.56	SW846 6010C	1	02/17/2026 09:15	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/17/2026 00:43	PDK	H

Results

Client Sample ID	FFMP029W	Collected	02/10/2026 12:17
Lab Sample ID	3450602007	Lab Receipt	02/10/2026 14:15

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103%	62 – 133	02/17/2026 00:43	
4-Bromofluorobenzene	460-00-4	102%	79 – 114	02/17/2026 00:43	
Dibromofluoromethane	1868-53-7	96%	78 – 116	02/17/2026 00:43	
Toluene-d8	2037-26-5	99.8%	76 – 127	02/17/2026 00:43	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	9		mg/L	5	SM2320B-2011	1	02/13/2026 13:11	TJH	B
Alkalinity, Total	9	1	mg/L	5	SM2320B-2011	1	02/13/2026 13:11	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/11/2026 16:38	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/13/2026 12:41	KMS	A
Chloride	54.0		mg/L	0.50	EPA 300.0	2	02/11/2026 15:15	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/11/2026 15:15	J1W	B
Nitrate-N	3.7		mg/L	0.050	EPA 300.0	2	02/11/2026 15:15	J1W	B
pH	6.70	2	pH_Units		S4500HB-11	1	02/13/2026 13:11	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/19/2026 13:55	A1L	G
Specific Conductance	302		umhos/cm	5	SW846 9050A	1	02/12/2026 09:03	TJH	B
Sulfate	1.1		mg/L	0.50	EPA 300.0	2	02/11/2026 15:15	J1W	B
Total Dissolved Solids	141		mg/L	25	SM2540C-15	1	02/12/2026 17:12	RAG	B
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SW846 9060A	1	02/12/2026 18:14	PAG	E
Turbidity	0.65		NTU	0.30	SM2130B-2011	1	02/11/2026 08:21	NPF	B

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3450602001	FFMP031W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450602002	FFMP002W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450602003	FIELD BLANK	SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450602004	TRIP BLANK	SW846 8260B	N/A	
3450602005	FFMP032W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3450602006	FFMP015W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450602007	FFMP029W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	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
3450602001	FFMP031W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522747	02/16/2026 14:27	RMH	SW846 6010C	1522894
		N/A	N/A	N/A		SW846 8260B	1522466
		N/A	N/A	N/A		EPA 300.0	1512666
		N/A	N/A	N/A		EPA 410.4	1520076
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1511473
		N/A	N/A	N/A		SM2130B-2011	1512767
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1517572
		N/A	N/A	N/A		SW846 9050A	1514068
		N/A	N/A	N/A		SW846 9060A	1514269
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643
3450602002	FFMP002W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522747	02/16/2026 14:27	RMH	SW846 6010C	1522894
		N/A	N/A	N/A		SW846 8260B	1522466
		N/A	N/A	N/A		EPA 300.0	1512666
		N/A	N/A	N/A		EPA 410.4	1520076
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1511473
		N/A	N/A	N/A		SM2130B-2011	1512767
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1517572
		N/A	N/A	N/A		SW846 9050A	1514068
		N/A	N/A	N/A		SW846 9060A	1514269
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643
3450602003	FIELD BLANK	SW846 3015A	1522747	02/16/2026 14:27	RMH	SW846 6010C	1522894
		N/A	N/A	N/A		SW846 8260B	1522466
		N/A	N/A	N/A		EPA 300.0	1512666
		N/A	N/A	N/A		EPA 410.4	1520076
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1511473
		N/A	N/A	N/A		SM2130B-2011	1512767
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1517572
		N/A	N/A	N/A		SW846 9050A	1514068
		N/A	N/A	N/A		SW846 9060A	1522764
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643
3450602004	TRIP BLANK	N/A	N/A	N/A		SW846 8260B	1522466
3450602005	FFMP032W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522747	02/16/2026 14:27	RMH	SW846 6010C	1522894
		N/A	N/A	N/A		SW846 8260B	1522466
		N/A	N/A	N/A		EPA 300.0	1512666
		N/A	N/A	N/A		EPA 410.4	1520076
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1511473
		N/A	N/A	N/A		SM2130B-2011	1512767
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1517572
		N/A	N/A	N/A		SW846 9050A	1514068
		N/A	N/A	N/A		SW846 9060A	1522764
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3450602006	FFMP015W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522747	02/16/2026 14:27	RMH	SW846 6010C	1522894
		N/A	N/A	N/A		SW846 8260B	1522466
		N/A	N/A	N/A		EPA 300.0	1512666
		N/A	N/A	N/A		EPA 410.4	1520076
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1511473
		N/A	N/A	N/A		SM2130B-2011	1512767
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1517572
		N/A	N/A	N/A		SW846 9050A	1514068
		N/A	N/A	N/A		SW846 9060A	1522764
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643
3450602007	FFMP029W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1522747	02/16/2026 14:27	RMH	SW846 6010C	1522894
		N/A	N/A	N/A		SW846 8260B	1522913
		N/A	N/A	N/A		EPA 300.0	1512666
		N/A	N/A	N/A		EPA 410.4	1520076
		N/A	N/A	N/A		S4500HB-11	1520071
		N/A	N/A	N/A		SM 4500-NH3G	1513166
		N/A	N/A	N/A		SM2130B-2011	1512767
		N/A	N/A	N/A		SM2320B-2011	1520071
		N/A	N/A	N/A		SM2540C-15	1517572
		N/A	N/A	N/A		SW846 9050A	1514068
		N/A	N/A	N/A		SW846 9060A	1517866
		SW846 9066	1523641	02/19/2026 09:56	A1L	SW846 9066	1523643

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 #: 3450602 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 Quarterly GWMP

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	
	Container Size	40ml	125ml	40ml	500ml	250ml			250ml	125ml	
	Preservative	HCL	H2SO4	HCL	UNP	UNP			H2SO4	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 19Q	pH, Cl, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, Bicarbonate	FM	Sample Debth for AUX Data	NH3-N, COD	Metals Fe,Mn,Na,Ca,K,Mg	
							Enter Number of Containers Per Sample or Field Results Below.									
1	FFMP031W	2/10/26	1018		G	GW	2	1	2	1	1	x	x	1	2	
2	FFMP002W	2/10/26	0958		G	GW	2	1	2	1	1	X	X	1	2	
3	FIELD BLANK	2/10/26	1050		G	DI	2	1	2	1	1	X	X	1	2	
4	TRIP BLANK	2/10/26	NA		G	DI			2							
5	FFMP032W	2/10/26	1122		G	GW	2	1	2	1	1	X	X	1	2	
6	FFMP015W	2/10/26	1128		G	GW	2	1	2	1	1	X	X	1	2	
7	FFMP029W	2/10/26	1217		G	GW	2	1	2	1	1	X	X	1	2	
8																
9																
10																

Temp Taken By: ... WV 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 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: EP ID:

Comments:

Date:	Time		Relinquished By / Company Name		Received By / Company Name
10-Feb	1415	1	ALS EP	2	Fedexed ALS
		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

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

right solutions.
right partner.

Middletown Sample Condition Form

Client LCSWMA Workorder 3450602

Temp °C 3 Therm ID 352 Ice? (Y) N N/A Initials & Date HKh 2-10-26

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:

_____

_____

_____

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 Quarterly GWMP
Workorder 3451884
Report ID 499898 on 3/11/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Feb 24, 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
Ashley Gichuki - 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
3451884001	FFMP02SW	Ground Water	02/24/2026 08:49	02/24/2026 13:00	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 QC sample type LCS for method SW846 8260B was outside the control limits for the analyte Tetrachloroethene. The % Recovery was reported as 129 and the control limits were 72 to 124.
2	The QC sample type STDL for method SM2320B-2011 was outside the control limits for the analyte Alkalinity, Total. The % Recovery was reported as 139 and the control limits were 90 to 110.
3	The QC sample type STDL for method SM2320B-2011 was outside the control limits for the analyte Alkalinity, Total. The % Recovery was reported as 140 and the control limits were 90 to 110.
4	The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO3/L.
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.

Detected Results Summary

Client Sample ID	FFMP02SW	Collected	02/24/2026 08:49
Lab Sample ID	3451884001	Lab Receipt	02/24/2026 13:00

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	14.27	Feet		Field	#
Dissolved Oxygen	9.95	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	495.63	ft/MSL		Field	#
Oxidation-Reduction Potential	265	mV		Field	#
pH, Field (SM4500B)	5.71	pH_Units		Field	#
Sample Depth	18.00	Feet		Field	#
Specific Conductance, Field	256	umhos/cm	1	Field	#
Temperature	9.62	Deg. C		Field	#
Total Well Depth	22.70	Feet		Field	#
Turbidity, Field	1	NTU	1	Field	#
Volume in Water Column	5.48	Gallons		Field	#
Water Level After Purge	14.91	Feet		Field	#
Well Volumes Purged	0.30	Vol		Field	#
METALS					
Calcium, Total	25.5	mg/L	0.11	SW846 6010C	#
Iron, Total	0.078	mg/L	0.067	SW846 6010C	#
Magnesium, Total	8.3	mg/L	0.11	SW846 6010C	#
Potassium, Total	6.5	mg/L	0.56	SW846 6010C	#
Sodium, Total	8.1	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	26	mg/L	5	SM2320B-21	#
Alkalinity, Total	26	mg/L	5	SM2320B-21	#
Chloride	13.9	mg/L	0.50	EPA 300.0	#
Nitrate-N	5.3	mg/L	0.050	EPA 300.0	#
pH	7.45	pH_Units		SM4500HB-21	#
Specific Conductance	262	umhos/cm	5	SW846 9050A	#
Sulfate	53.8	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	176	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	3.2	mg/L	0.50	SW846 9060A	#
Turbidity	3.9	NTU	0.30	SM2130B-20	#

Results

Client Sample ID	FFMP02SW	Collected	02/24/2026 08:49
Lab Sample ID	3451884001	Lab Receipt	02/24/2026 13:00

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	14.27		Feet		Field	1	02/24/2026 08:49	EMP	D
Dissolved Oxygen	9.95		mg/L	0.01	Field	1	02/24/2026 08:49	EMP	D
Elev Top MW Casing above MSL	509.90		Feet		Field	1	02/24/2026 08:49	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/24/2026 08:49	EMP	D
Ground Water Elevation	495.63		ft/MSL		Field	1	02/24/2026 08:49	EMP	D
Oxidation-Reduction Potential	265		mV		Field	1	02/24/2026 08:49	EMP	D
pH, Field (SM4500B)	5.71		pH_Units		Field	1	02/24/2026 08:49	EMP	D
Sample Depth	18.00		Feet		Field	1	02/24/2026 08:49	EMP	D
Specific Conductance, Field	256		umhos/cm	1	Field	1	02/24/2026 08:49	EMP	D
Temperature	9.62		Deg. C		Field	1	02/24/2026 08:49	EMP	D
Total Well Depth	22.70		Feet		Field	1	02/24/2026 08:49	EMP	D
Turbidity, Field	1		NTU	1	Field	1	02/24/2026 08:49	EMP	D
Volume in Water Column	5.48		Gallons		Field	1	02/24/2026 08:49	EMP	D
Water Level After Purge	14.91		Feet		Field	1	02/24/2026 08:49	EMP	D
Well Volumes Purged	0.30		Vol		Field	1	02/24/2026 08:49	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	25.5		mg/L	0.11	SW846 6010C	1	03/04/2026 11:46	MSY	I1
Iron, Total	0.078		mg/L	0.067	SW846 6010C	1	03/04/2026 11:46	MSY	I1
Magnesium, Total	8.3		mg/L	0.11	SW846 6010C	1	03/04/2026 11:46	MSY	I1
Manganese, Total	ND	ND	mg/L	0.0056	SW846 6010C	1	03/04/2026 11:46	MSY	I1
Potassium, Total	6.5		mg/L	0.56	SW846 6010C	1	03/04/2026 11:46	MSY	I1
Sodium, Total	8.1		mg/L	0.56	SW846 6010C	1	03/04/2026 11:46	MSY	I1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
Tetrachloroethene	ND	ND,1	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	03/01/2026 20:26	BMP	H

Results

Client Sample ID	FFMP02SW	Collected	02/24/2026 08:49
Lab Sample ID	3451884001	Lab Receipt	02/24/2026 13:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	110%	62 – 133	03/01/2026 20:26	
4-Bromofluorobenzene	460-00-4	99.2%	79 – 114	03/01/2026 20:26	
Dibromofluoromethane	1868-53-7	104%	78 – 116	03/01/2026 20:26	
Toluene-d8	2037-26-5	98.7%	76 – 127	03/01/2026 20:26	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	26		mg/L	5	SM2320B-21	1	02/27/2026 11:59	TJH	B
Alkalinity, Total	26	2,3,4	mg/L	5	SM2320B-21	1	02/27/2026 11:59	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	02/26/2026 10:46	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	03/02/2026 15:10	KMS	A
Chloride	13.9		mg/L	0.50	EPA 300.0	2	02/25/2026 11:37	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/25/2026 11:37	J1W	B
Nitrate-N	5.3		mg/L	0.050	EPA 300.0	2	02/25/2026 11:37	J1W	B
pH	7.45	5	pH_Units		SM4500HB-21	1	02/27/2026 11:59	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	03/04/2026 14:06	A1L	G
Specific Conductance	262		umhos/cm	5	SW846 9050A	1	02/26/2026 11:56	TJH	B
Sulfate	53.8		mg/L	0.50	EPA 300.0	2	02/25/2026 11:37	J1W	B
Total Dissolved Solids	176		mg/L	25	SM2540C-15	1	02/26/2026 16:30	RAG	B
Total Organic Carbon (TOC)	3.2		mg/L	0.50	SW846 9060A	1	02/27/2026 21:09	PAG	E
Turbidity	3.9		NTU	0.30	SM2130B-20	1	02/25/2026 11:51	NPF	B

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3451884001	FFMP02SW	Field	N/A	
		SW846 6010C	SW846 3015A	
		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	
		SM2540C-15	N/A	
		SM4500HB-21	N/A	
		SW846 9050A	N/A	
		SW846 9060A	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
3451884001	FFMP02SW	N/A	N/A	N/A		Field	1527227
		SW846 3015A	1525644	03/04/2026 09:26	RMH	SW846 6010C	1525682
		N/A	N/A	N/A		SW846 8260B	1525273
		N/A	N/A	N/A		EPA 300.0	1524440
		N/A	N/A	N/A		EPA 410.4	1525314
		N/A	N/A	N/A		S4500NH3G-21	1524491
		N/A	N/A	N/A		SM2130B-20	1524444
		N/A	N/A	N/A		SM2320B-21	1524906
		N/A	N/A	N/A		SM2540C-15	1524782
		N/A	N/A	N/A		SM4500HB-21	1524906
		N/A	N/A	N/A		SW846 9050A	1524661
		N/A	N/A	N/A		SW846 9060A	1524969
		SW846 9066	1525535	03/03/2026 12:04	A1L	SW846 9066	1525540

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 #: 3451884
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 Quarterly GWMP
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	
Container Size	40ml	125ml	40ml	500ml	250ml			250ml	125ml	
Preservative	HCL	H2SO4	HCL	UNP	UNP			H2SO4	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 19Q	pH, CL, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, Bicarbonate	FM	Sample Debth for AUX Data	NH3-N, COD	Metals Fe,Mn,Na,Ca,K,Mg	
							Enter Number of Containers Per Sample or Field Results Below.									
1	FFMP02SW	2/24/26	08:49		G	GW	2	1	#1 2	1	1	x	x	1	2	
2									HKh 2-24-26							
3																
4																
5																
6																
7																
8																
9																
10																

Circle Sample Collector: ALS Tech / Client
Name: Evon ID:

Comments:

Date:	Time	Relinquished By / Company Name		Received By / Company Name	
2-24-26	1300	1 AS ZP		2 [signature] ALS	
		3		4	
		5		6	
		7		8	
		9		10	

Receipt Informati
Temp Taken By: Therm ID: U79 WO Temp (°C) U
Receipt Info completed by: WV Containers 0-6°C Y N NA

Cooler Custody Seals Intact	Y	N	NA	Deviations? NO YES
Sample Custody Seal Intact	Y	N	NA	If YES, list below.
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 #
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
#1 vial received unfilled HKh 2-24-26

Sampling Hours

Contains Short Hold Testing YES NO
Internal Use: If less than 48 hours - notify lab upon receipt

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 LCSWMA Workorder 3451884

Temp °C 6 Therm ID 649 Ice? (Y) N N/A Initials & Date HKh 2-24-26

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		✓		1 VOC vial received unfilled
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 Quarterly GWMP
Workorder 3450496
Report ID 496689 on 2/24/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Feb 09, 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
Ashley Gichuki - 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
3450496001	FFMP02DW	Ground Water	02/09/2026 10:31	02/09/2026 15:40	EMP	ALS Environmental-Middletown
3450496002	FFMP036W	Ground Water	02/09/2026 12:19	02/09/2026 15:40	EMP	ALS Environmental-Middletown
3450496003	FFMP035W	Ground Water	02/09/2026 11:48	02/09/2026 15:40	EMP	ALS Environmental-Middletown
3450496004	FFMP038W	Ground Water	02/09/2026 13:46	02/09/2026 15:40	EMP	ALS Environmental-Middletown
3450496005	FFMP039W	Ground Water	02/09/2026 14:15	02/09/2026 15:40	EMP	ALS Environmental-Middletown
3450496006	TRIP BLANK	Water	02/09/2026 00:00	02/09/2026 15:40	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 MSD for method EPA 300.0 was outside the control limits for the analyte Chloride. The % Recovery was reported as 39 and the control limits were 80 to 120.
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 48.9 and the control limits were 80 to 120.
4	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.
5	The QC sample type MS for method SW846 8260B was outside the control limits for the analyte 1,1-Dichloroethane. The % Recovery was reported as 127 and the control limits were 78 to 124.

Detected Results Summary

Client Sample ID	FFMP02DW	Collected	02/09/2026 10:31
Lab Sample ID	3450496001	Lab Receipt	02/09/2026 15:40

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	29.02	Feet		Field	#
Dissolved Oxygen	0.56	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	480.58	ft/MSL		Field	#
Oxidation-Reduction Potential	175	mV		Field	#
pH, Field (SM4500B)	7.48	pH_Units		Field	#
Sample Depth	120.00	Feet		Field	#
Specific Conductance, Field	1321	umhos/cm	1	Field	#
Temperature	12.04	Deg. C		Field	#
Total Well Depth	153.00	Feet		Field	#
Turbidity, Field	7	NTU	1	Field	#
Volume in Water Column	182.25	Gallons		Field	#
Water Level After Purge	29.24	Feet		Field	#
Well Volumes Purged	0.01	Vol		Field	#
METALS					
Calcium, Total	113	mg/L	0.11	SW846 6010C	#
Iron, Total	0.39	mg/L	0.067	SW846 6010C	#
Magnesium, Total	17.7	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.017	mg/L	0.0056	SW846 6010C	#
Potassium, Total	1.5	mg/L	0.56	SW846 6010C	#
Sodium, Total	117	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	125	mg/L	5	SM2320B-2011	#
Alkalinity, Total	125	mg/L	5	SM2320B-2011	#
Ammonia-N, Low Level	0.19	mg/L	0.10	SM 4500-NH3G	#
Chloride	307	mg/L	1.3	EPA 300.0	#
Nitrate-N	6.2	mg/L	0.13	EPA 300.0	#
pH	8.09	pH_Units		S4500HB-11	#
Specific Conductance	1390	umhos/cm	5	SW846 9050A	#
Sulfate	44.7	mg/L	1.3	EPA 300.0	#
Total Dissolved Solids	700	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.91	mg/L	0.50	SW846 9060A	#
Turbidity	6.1	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP036W	Collected	02/09/2026 12:19
Lab Sample ID	3450496002	Lab Receipt	02/09/2026 15:40

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	54.89	Feet		Field	#
Dissolved Oxygen	0.28	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	423.34	ft/MSL		Field	#
Oxidation-Reduction Potential	-142	mV		Field	#
pH, Field (SM4500B)	7.63	pH_Units		Field	#
Sample Depth	135.00	Feet		Field	#
Specific Conductance, Field	562	umhos/cm	1	Field	#
Temperature	11.96	Deg. C		Field	#
Total Well Depth	142.60	Feet		Field	#
Turbidity, Field	113	NTU	1	Field	#
Volume in Water Column	128.93	Gallons		Field	#
Water Level After Purge	56.98	Feet		Field	#
Well Volumes Purged	0.02	Vol		Field	#
METALS					
Calcium, Total	86.3	mg/L	0.11	SW846 6010C	#
Iron, Total	2.4	mg/L	0.067	SW846 6010C	#
Magnesium, Total	8.8	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.22	mg/L	0.0056	SW846 6010C	#
Potassium, Total	1.2	mg/L	0.56	SW846 6010C	#
Sodium, Total	20.4	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	164	mg/L	5	SM2320B-2011	#
Alkalinity, Total	164	mg/L	5	SM2320B-2011	#
Ammonia-N, Low Level	0.37	mg/L	0.10	SM 4500-NH3G	#
Chloride	51.6	mg/L	0.50	EPA 300.0	#
pH	8.13	pH_Units		S4500HB-11	#
Specific Conductance	595	umhos/cm	5	SW846 9050A	#
Sulfate	65.0	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	292	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.69	mg/L	0.50	SW846 9060A	#
Turbidity	22	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP035W	Collected	02/09/2026 11:48
Lab Sample ID	3450496003	Lab Receipt	02/09/2026 15:40

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	43.40	Feet		Field	#
Dissolved Oxygen	0.17	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	434.16	ft/MSL		Field	#
Oxidation-Reduction Potential	218	mV		Field	#
pH, Field (SM4500B)	6.62	pH_Units		Field	#
Sample Depth	65.00	Feet		Field	#
Specific Conductance, Field	853	umhos/cm	1	Field	#
Temperature	12.55	Deg. C		Field	#
Total Well Depth	71.80	Feet		Field	#
Turbidity, Field	6	NTU	1	Field	#
Volume in Water Column	41.75	Gallons		Field	#
Water Level After Purge	46.04	Feet		Field	#
Well Volumes Purged	0.05	Vol		Field	#
METALS					
Calcium, Total	96.6	mg/L	0.11	SW846 6010C	#
Iron, Total	0.15	mg/L	0.067	SW846 6010C	#
Magnesium, Total	15.3	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.082	mg/L	0.0056	SW846 6010C	#
Potassium, Total	2.6	mg/L	0.56	SW846 6010C	#
Sodium, Total	44.7	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	129	mg/L	5	SM2320B-2011	#
Alkalinity, Total	129	mg/L	5	SM2320B-2011	#
Ammonia-N, Low Level	0.14	mg/L	0.10	SM 4500-NH3G	#
Chloride	148	mg/L	0.50	EPA 300.0	#
Nitrate-N	6.6	mg/L	0.050	EPA 300.0	#
pH	8.02	pH_Units		S4500HB-11	#
Specific Conductance	907	umhos/cm	5	SW846 9050A	#
Sulfate	48.1	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	496	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.92	mg/L	0.50	SW846 9060A	#
Turbidity	2.4	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP038W	Collected	02/09/2026 13:46
Lab Sample ID	3450496004	Lab Receipt	02/09/2026 15:40

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	23.36	Feet		Field	#
Dissolved Oxygen	0.83	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	430.69	ft/MSL		Field	#
Oxidation-Reduction Potential	-163	mV		Field	#
pH, Field (SM4500B)	8.07	pH_Units		Field	#
Sample Depth	46.00	Feet		Field	#
Specific Conductance, Field	507	umhos/cm	1	Field	#
Temperature	13.32	Deg. C		Field	#
Total Well Depth	52.00	Feet		Field	#
Turbidity, Field	2	NTU	1	Field	#
Volume in Water Column	42.10	Gallons		Field	#
Water Level After Purge	25.98	Feet		Field	#
Well Volumes Purged	0.07	Vol		Field	#
METALS					
Calcium, Total	70.9	mg/L	0.11	SW846 6010C	#
Iron, Total	1.1	mg/L	0.067	SW846 6010C	#
Magnesium, Total	6.4	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.061	mg/L	0.0056	SW846 6010C	#
Potassium, Total	1.0	mg/L	0.56	SW846 6010C	#
Sodium, Total	12.3	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	83	mg/L	5	SM2320B-2011	#
Alkalinity, Total	83	mg/L	5	SM2320B-2011	#
Chloride	101	mg/L	0.50	EPA 300.0	#
pH	8.09	pH_Units		S4500HB-11	#
Specific Conductance	547	umhos/cm	5	SW846 9050A	#
Sulfate	14.5	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	308	mg/L	25	SM2540C-15	#
Turbidity	12	NTU	0.30	SM2130B-2011	#

Detected Results Summary

Client Sample ID	FFMP039W	Collected	02/09/2026 14:15
Lab Sample ID	3450496005	Lab Receipt	02/09/2026 15:40

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	16.93	Feet		Field	#
Dissolved Oxygen	0.21	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	438.72	ft/MSL		Field	#
Oxidation-Reduction Potential	127	mV		Field	#
pH, Field (SM4500B)	5.77	pH_Units		Field	#
Sample Depth	118.00	Feet		Field	#
Specific Conductance, Field	1036	umhos/cm	1	Field	#
Temperature	13.79	Deg. C		Field	#
Total Well Depth	131.50	Feet		Field	#
Turbidity, Field	10	NTU	1	Field	#
Volume in Water Column	168.42	Gallons		Field	#
Water Level After Purge	17.63	Feet		Field	#
Well Volumes Purged	0.03	Vol		Field	#
METALS					
Calcium, Total	72.5	mg/L	0.11	SW846 6010C	#
Iron, Total	1.0	mg/L	0.067	SW846 6010C	#
Magnesium, Total	24.7	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.73	mg/L	0.0056	SW846 6010C	#
Potassium, Total	6.6	mg/L	0.56	SW846 6010C	#
Sodium, Total	73.2	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	39	mg/L	5	SM2320B-2011	#
Alkalinity, Total	39	mg/L	5	SM2320B-2011	#
Ammonia-N, Low Level	0.37	mg/L	0.10	SM 4500-NH3G	#
Chloride	255	mg/L	1.3	EPA 300.0	#
Nitrate-N	3.5	mg/L	0.050	EPA 300.0	#
pH	7.32	pH_Units		S4500HB-11	#
Specific Conductance	1140	umhos/cm	5	SW846 9050A	#
Sulfate	51.0	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	586	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	1.1	mg/L	0.50	SW846 9060A	#
Turbidity	5.8	NTU	0.30	SM2130B-2011	#

Results

Client Sample ID	FFMP02DW	Collected	02/09/2026 10:31
Lab Sample ID	3450496001	Lab Receipt	02/09/2026 15:40

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	29.02		Feet		Field	1	02/09/2026 10:31	EMP	D
Dissolved Oxygen	0.56		mg/L	0.01	Field	1	02/09/2026 10:31	EMP	D
Elev Top MW Casing above MSL	509.60		Feet		Field	1	02/09/2026 10:31	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/09/2026 10:31	EMP	D
Ground Water Elevation	480.58		ft/MSL		Field	1	02/09/2026 10:31	EMP	D
Oxidation-Reduction Potential	175		mV		Field	1	02/09/2026 10:31	EMP	D
pH, Field (SM4500B)	7.48		pH_Units		Field	1	02/09/2026 10:31	EMP	D
Sample Depth	120.00		Feet		Field	1	02/09/2026 10:31	EMP	D
Specific Conductance, Field	1321		umhos/cm	1	Field	1	02/09/2026 10:31	EMP	D
Temperature	12.04		Deg. C		Field	1	02/09/2026 10:31	EMP	D
Total Well Depth	153.00		Feet		Field	1	02/09/2026 10:31	EMP	D
Turbidity, Field	7		NTU	1	Field	1	02/09/2026 10:31	EMP	D
Volume in Water Column	182.25		Gallons		Field	1	02/09/2026 10:31	EMP	D
Water Level After Purge	29.24		Feet		Field	1	02/09/2026 10:31	EMP	D
Well Volumes Purged	0.01		Vol		Field	1	02/09/2026 10:31	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	113		mg/L	0.11	SW846 6010C	1	02/16/2026 11:58	MSY	J1
Iron, Total	0.39		mg/L	0.067	SW846 6010C	1	02/16/2026 11:58	MSY	J1
Magnesium, Total	17.7		mg/L	0.11	SW846 6010C	1	02/16/2026 11:58	MSY	J1
Manganese, Total	0.017		mg/L	0.0056	SW846 6010C	1	02/16/2026 11:58	MSY	J1
Potassium, Total	1.5		mg/L	0.56	SW846 6010C	1	02/16/2026 11:58	MSY	J1
Sodium, Total	117		mg/L	0.56	SW846 6010C	1	02/16/2026 11:58	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:33	IXK	H

Results

Client Sample ID	FFMP02DW	Collected	02/09/2026 10:31
Lab Sample ID	3450496001	Lab Receipt	02/09/2026 15:40

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	02/14/2026 00:33	
4-Bromofluorobenzene	460-00-4	97.3%	79 – 114	02/14/2026 00:33	
Dibromofluoromethane	1868-53-7	94.8%	78 – 116	02/14/2026 00:33	
Toluene-d8	2037-26-5	101%	76 – 127	02/14/2026 00:33	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	125		mg/L	5	SM2320B-2011	1	02/10/2026 17:03	TJH	B
Alkalinity, Total	125	1	mg/L	5	SM2320B-2011	1	02/10/2026 17:03	TJH	B
Ammonia-N, Low Level	0.19		mg/L	0.10	SM 4500-NH3G	1	02/16/2026 16:16	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/11/2026 14:24	KMS	A
Chloride	307	2,3	mg/L	1.3	EPA 300.0	5	02/10/2026 08:10	J1W	B
Fluoride	ND	ND	mg/L	0.50	EPA 300.0	5	02/10/2026 08:10	J1W	B
Nitrate-N	6.2		mg/L	0.13	EPA 300.0	5	02/10/2026 08:10	J1W	B
pH	8.09	4	pH_Units		S4500HB-11	1	02/10/2026 17:03	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/16/2026 12:36	A1L	G
Specific Conductance	1390		umhos/cm	5	SW846 9050A	1	02/12/2026 09:03	TJH	B
Sulfate	44.7		mg/L	1.3	EPA 300.0	5	02/10/2026 08:10	J1W	B
Total Dissolved Solids	700		mg/L	25	SM2540C-15	1	02/10/2026 18:45	RAG	B
Total Organic Carbon (TOC)	0.91		mg/L	0.50	SW846 9060A	1	02/10/2026 18:33	PAG	E
Turbidity	6.1		NTU	0.30	SM2130B-2011	1	02/10/2026 08:26	NPF	B

Results

Client Sample ID	FFMP036W	Collected	02/09/2026 12:19
Lab Sample ID	3450496002	Lab Receipt	02/09/2026 15:40

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	54.89		Feet		Field	1	02/09/2026 12:19	EMP	D
Dissolved Oxygen	0.28		mg/L	0.01	Field	1	02/09/2026 12:19	EMP	D
Elev Top MW Casing above MSL	478.23		Feet		Field	1	02/09/2026 12:19	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/09/2026 12:19	EMP	D
Ground Water Elevation	423.34		ft/MSL		Field	1	02/09/2026 12:19	EMP	D
Oxidation-Reduction Potential	-142		mV		Field	1	02/09/2026 12:19	EMP	D
pH, Field (SM4500B)	7.63		pH_Units		Field	1	02/09/2026 12:19	EMP	D
Sample Depth	135.00		Feet		Field	1	02/09/2026 12:19	EMP	D
Specific Conductance, Field	562		umhos/cm	1	Field	1	02/09/2026 12:19	EMP	D
Temperature	11.96		Deg. C		Field	1	02/09/2026 12:19	EMP	D
Total Well Depth	142.60		Feet		Field	1	02/09/2026 12:19	EMP	D
Turbidity, Field	113		NTU	1	Field	1	02/09/2026 12:19	EMP	D
Volume in Water Column	128.93		Gallons		Field	1	02/09/2026 12:19	EMP	D
Water Level After Purge	56.98		Feet		Field	1	02/09/2026 12:19	EMP	D
Well Volumes Purged	0.02		Vol		Field	1	02/09/2026 12:19	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	86.3		mg/L	0.11	SW846 6010C	1	02/16/2026 11:54	MSY	J1
Iron, Total	2.4		mg/L	0.067	SW846 6010C	1	02/16/2026 11:54	MSY	J1
Magnesium, Total	8.8		mg/L	0.11	SW846 6010C	1	02/16/2026 11:54	MSY	J1
Manganese, Total	0.22		mg/L	0.0056	SW846 6010C	1	02/16/2026 11:54	MSY	J1
Potassium, Total	1.2		mg/L	0.56	SW846 6010C	1	02/16/2026 11:54	MSY	J1
Sodium, Total	20.4		mg/L	0.56	SW846 6010C	1	02/16/2026 11:54	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
1,1-Dichloroethane	ND	ND,5	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 00:57	IXK	H

Results

Client Sample ID	FFMP036W	Collected	02/09/2026 12:19
Lab Sample ID	3450496002	Lab Receipt	02/09/2026 15:40

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	02/14/2026 00:57	
4-Bromofluorobenzene	460-00-4	96.4%	79 – 114	02/14/2026 00:57	
Dibromofluoromethane	1868-53-7	94.6%	78 – 116	02/14/2026 00:57	
Toluene-d8	2037-26-5	102%	76 – 127	02/14/2026 00:57	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	164		mg/L	5	SM2320B-2011	1	02/10/2026 17:14	TJH	B
Alkalinity, Total	164	1	mg/L	5	SM2320B-2011	1	02/10/2026 17:14	TJH	B
Ammonia-N, Low Level	0.37		mg/L	0.10	SM 4500-NH3G	1	02/16/2026 16:19	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/11/2026 14:24	KMS	A
Chloride	51.6		mg/L	0.50	EPA 300.0	2	02/10/2026 18:17	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/10/2026 18:17	J1W	B
Nitrate-N	ND	ND	mg/L	0.050	EPA 300.0	2	02/10/2026 18:17	J1W	B
pH	8.13	4	pH_Units		S4500HB-11	1	02/10/2026 17:14	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/16/2026 12:40	A1L	G
Specific Conductance	595		umhos/cm	5	SW846 9050A	1	02/12/2026 09:03	TJH	B
Sulfate	65.0		mg/L	0.50	EPA 300.0	2	02/10/2026 18:17	J1W	B
Total Dissolved Solids	292		mg/L	25	SM2540C-15	1	02/10/2026 18:45	RAG	B
Total Organic Carbon (TOC)	0.69		mg/L	0.50	SW846 9060A	1	02/10/2026 18:33	PAG	E
Turbidity	22		NTU	0.30	SM2130B-2011	1	02/10/2026 08:26	NPF	B

Results

Client Sample ID	FFMP035W	Collected	02/09/2026 11:48
Lab Sample ID	3450496003	Lab Receipt	02/09/2026 15:40

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	43.40		Feet		Field	1	02/09/2026 11:48	EMP	D
Dissolved Oxygen	0.17		mg/L	0.01	Field	1	02/09/2026 11:48	EMP	D
Elev Top MW Casing above MSL	477.56		Feet		Field	1	02/09/2026 11:48	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/09/2026 11:48	EMP	D
Ground Water Elevation	434.16		ft/MSL		Field	1	02/09/2026 11:48	EMP	D
Oxidation-Reduction Potential	218		mV		Field	1	02/09/2026 11:48	EMP	D
pH, Field (SM4500B)	6.62		pH_Units		Field	1	02/09/2026 11:48	EMP	D
Sample Depth	65.00		Feet		Field	1	02/09/2026 11:48	EMP	D
Specific Conductance, Field	853		umhos/cm	1	Field	1	02/09/2026 11:48	EMP	D
Temperature	12.55		Deg. C		Field	1	02/09/2026 11:48	EMP	D
Total Well Depth	71.80		Feet		Field	1	02/09/2026 11:48	EMP	D
Turbidity, Field	6		NTU	1	Field	1	02/09/2026 11:48	EMP	D
Volume in Water Column	41.75		Gallons		Field	1	02/09/2026 11:48	EMP	D
Water Level After Purge	46.04		Feet		Field	1	02/09/2026 11:48	EMP	D
Well Volumes Purged	0.05		Vol		Field	1	02/09/2026 11:48	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	96.6		mg/L	0.11	SW846 6010C	1	02/16/2026 11:52	MSY	J1
Iron, Total	0.15		mg/L	0.067	SW846 6010C	1	02/16/2026 11:52	MSY	J1
Magnesium, Total	15.3		mg/L	0.11	SW846 6010C	1	02/16/2026 11:52	MSY	J1
Manganese, Total	0.082		mg/L	0.0056	SW846 6010C	1	02/16/2026 11:52	MSY	J1
Potassium, Total	2.6		mg/L	0.56	SW846 6010C	1	02/16/2026 11:52	MSY	J1
Sodium, Total	44.7		mg/L	0.56	SW846 6010C	1	02/16/2026 11:52	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:20	IXK	H

Results

Client Sample ID	FFMP035W	Collected	02/09/2026 11:48
Lab Sample ID	3450496003	Lab Receipt	02/09/2026 15:40

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	02/14/2026 01:20	
4-Bromofluorobenzene	460-00-4	97.5%	79 – 114	02/14/2026 01:20	
Dibromofluoromethane	1868-53-7	93%	78 – 116	02/14/2026 01:20	
Toluene-d8	2037-26-5	101%	76 – 127	02/14/2026 01:20	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	129		mg/L	5	SM2320B-2011	1	02/10/2026 17:26	TJH	B
Alkalinity, Total	129	1	mg/L	5	SM2320B-2011	1	02/10/2026 17:26	TJH	B
Ammonia-N, Low Level	0.14		mg/L	0.10	SM 4500-NH3G	1	02/16/2026 16:22	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/11/2026 14:24	KMS	A
Chloride	148		mg/L	0.50	EPA 300.0	2	02/10/2026 18:30	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/10/2026 18:30	J1W	B
Nitrate-N	6.6		mg/L	0.050	EPA 300.0	2	02/10/2026 18:30	J1W	B
pH	8.02	4	pH_Units		S4500HB-11	1	02/10/2026 17:26	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/16/2026 12:58	A1L	G
Specific Conductance	907		umhos/cm	5	SW846 9050A	1	02/12/2026 09:03	TJH	B
Sulfate	48.1		mg/L	0.50	EPA 300.0	2	02/10/2026 18:30	J1W	B
Total Dissolved Solids	496		mg/L	25	SM2540C-15	1	02/10/2026 18:45	RAG	B
Total Organic Carbon (TOC)	0.92		mg/L	0.50	SW846 9060A	1	02/10/2026 18:33	PAG	E
Turbidity	2.4		NTU	0.30	SM2130B-2011	1	02/10/2026 08:26	NPF	B

Results

Client Sample ID	FFMP038W	Collected	02/09/2026 13:46
Lab Sample ID	3450496004	Lab Receipt	02/09/2026 15:40

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	23.36		Feet		Field	1	02/09/2026 13:46	EMP	D
Dissolved Oxygen	0.83		mg/L	0.01	Field	1	02/09/2026 13:46	EMP	D
Elev Top MW Casing above MSL	454.05		Feet		Field	1	02/09/2026 13:46	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/09/2026 13:46	EMP	D
Ground Water Elevation	430.69		ft/MSL		Field	1	02/09/2026 13:46	EMP	D
Oxidation-Reduction Potential	-163		mV		Field	1	02/09/2026 13:46	EMP	D
pH, Field (SM4500B)	8.07		pH_Units		Field	1	02/09/2026 13:46	EMP	D
Sample Depth	46.00		Feet		Field	1	02/09/2026 13:46	EMP	D
Specific Conductance, Field	507		umhos/cm	1	Field	1	02/09/2026 13:46	EMP	D
Temperature	13.32		Deg. C		Field	1	02/09/2026 13:46	EMP	D
Total Well Depth	52.00		Feet		Field	1	02/09/2026 13:46	EMP	D
Turbidity, Field	2		NTU	1	Field	1	02/09/2026 13:46	EMP	D
Volume in Water Column	42.10		Gallons		Field	1	02/09/2026 13:46	EMP	D
Water Level After Purge	25.98		Feet		Field	1	02/09/2026 13:46	EMP	D
Well Volumes Purged	0.07		Vol		Field	1	02/09/2026 13:46	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	70.9		mg/L	0.11	SW846 6010C	1	02/16/2026 12:07	MSY	J1
Iron, Total	1.1		mg/L	0.067	SW846 6010C	1	02/16/2026 12:07	MSY	J1
Magnesium, Total	6.4		mg/L	0.11	SW846 6010C	1	02/16/2026 12:07	MSY	J1
Manganese, Total	0.061		mg/L	0.0056	SW846 6010C	1	02/16/2026 12:07	MSY	J1
Potassium, Total	1.0		mg/L	0.56	SW846 6010C	1	02/16/2026 12:07	MSY	J1
Sodium, Total	12.3		mg/L	0.56	SW846 6010C	1	02/16/2026 12:07	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 01:43	IXK	H

Results

Client Sample ID	FFMP038W	Collected	02/09/2026 13:46
Lab Sample ID	3450496004	Lab Receipt	02/09/2026 15:40

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103%	62 – 133	02/14/2026 01:43	
4-Bromofluorobenzene	460-00-4	99.5%	79 – 114	02/14/2026 01:43	
Dibromofluoromethane	1868-53-7	95.9%	78 – 116	02/14/2026 01:43	
Toluene-d8	2037-26-5	103%	76 – 127	02/14/2026 01:43	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	83		mg/L	5	SM2320B-2011	1	02/10/2026 17:36	TJH	B
Alkalinity, Total	83	1	mg/L	5	SM2320B-2011	1	02/10/2026 17:36	TJH	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	SM 4500-NH3G	1	02/16/2026 16:26	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/11/2026 14:24	KMS	A
Chloride	101		mg/L	0.50	EPA 300.0	2	02/10/2026 18:42	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/10/2026 18:42	J1W	B
Nitrate-N	ND	ND	mg/L	0.050	EPA 300.0	2	02/10/2026 18:42	J1W	B
pH	8.09	4	pH_Units		S4500HB-11	1	02/10/2026 17:36	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/16/2026 13:00	A1L	G
Specific Conductance	547		umhos/cm	5	SW846 9050A	1	02/12/2026 09:03	TJH	B
Sulfate	14.5		mg/L	0.50	EPA 300.0	2	02/10/2026 18:42	J1W	B
Total Dissolved Solids	308		mg/L	25	SM2540C-15	1	02/10/2026 18:45	RAG	B
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SW846 9060A	1	02/10/2026 18:33	PAG	E
Turbidity	12		NTU	0.30	SM2130B-2011	1	02/10/2026 08:26	NPF	B

Results

Client Sample ID	FFMP039W	Collected	02/09/2026 14:15
Lab Sample ID	3450496005	Lab Receipt	02/09/2026 15:40

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	16.93		Feet		Field	1	02/09/2026 14:15	EMP	D
Dissolved Oxygen	0.21		mg/L	0.01	Field	1	02/09/2026 14:15	EMP	D
Elev Top MW Casing above MSL	455.65		Feet		Field	1	02/09/2026 14:15	EMP	D
Flow Rate	0.07		gal/min		Field	1	02/09/2026 14:15	EMP	D
Ground Water Elevation	438.72		ft/MSL		Field	1	02/09/2026 14:15	EMP	D
Oxidation-Reduction Potential	127		mV		Field	1	02/09/2026 14:15	EMP	D
pH, Field (SM4500B)	5.77		pH_Units		Field	1	02/09/2026 14:15	EMP	D
Sample Depth	118.00		Feet		Field	1	02/09/2026 14:15	EMP	D
Specific Conductance, Field	1036		umhos/cm	1	Field	1	02/09/2026 14:15	EMP	D
Temperature	13.79		Deg. C		Field	1	02/09/2026 14:15	EMP	D
Total Well Depth	131.50		Feet		Field	1	02/09/2026 14:15	EMP	D
Turbidity, Field	10		NTU	1	Field	1	02/09/2026 14:15	EMP	D
Volume in Water Column	168.42		Gallons		Field	1	02/09/2026 14:15	EMP	D
Water Level After Purge	17.63		Feet		Field	1	02/09/2026 14:15	EMP	D
Well Volumes Purged	0.03		Vol		Field	1	02/09/2026 14:15	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	72.5		mg/L	0.11	SW846 6010C	1	02/16/2026 11:56	MSY	J1
Iron, Total	1.0		mg/L	0.067	SW846 6010C	1	02/16/2026 11:56	MSY	J1
Magnesium, Total	24.7		mg/L	0.11	SW846 6010C	1	02/16/2026 11:56	MSY	J1
Manganese, Total	0.73		mg/L	0.0056	SW846 6010C	1	02/16/2026 11:56	MSY	J1
Potassium, Total	6.6		mg/L	0.56	SW846 6010C	1	02/16/2026 11:56	MSY	J1
Sodium, Total	73.2		mg/L	0.56	SW846 6010C	1	02/16/2026 11:56	MSY	J1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/14/2026 02:06	IXK	H

Results

Client Sample ID	FFMP039W	Collected	02/09/2026 14:15
Lab Sample ID	3450496005	Lab Receipt	02/09/2026 15:40

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	02/14/2026 02:06	
4-Bromofluorobenzene	460-00-4	101%	79 – 114	02/14/2026 02:06	
Dibromofluoromethane	1868-53-7	93.9%	78 – 116	02/14/2026 02:06	
Toluene-d8	2037-26-5	102%	76 – 127	02/14/2026 02:06	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	39		mg/L	5	SM2320B-2011	1	02/10/2026 18:33	TJH	B
Alkalinity, Total	39	1	mg/L	5	SM2320B-2011	1	02/10/2026 18:33	TJH	B
Ammonia-N, Low Level	0.37		mg/L	0.10	SM 4500-NH3G	1	02/16/2026 16:29	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	02/11/2026 14:24	KMS	A
Chloride	255		mg/L	1.3	EPA 300.0	5	02/11/2026 19:46	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	02/10/2026 19:32	J1W	B
Nitrate-N	3.5		mg/L	0.050	EPA 300.0	2	02/10/2026 19:32	J1W	B
pH	7.32	4	pH_Units		S4500HB-11	1	02/10/2026 18:33	TJH	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	02/16/2026 13:06	A1L	G
Specific Conductance	1140		umhos/cm	5	SW846 9050A	1	02/12/2026 09:03	TJH	B
Sulfate	51.0		mg/L	0.50	EPA 300.0	2	02/10/2026 19:32	J1W	B
Total Dissolved Solids	586		mg/L	25	SM2540C-15	1	02/10/2026 18:45	RAG	B
Total Organic Carbon (TOC)	1.1		mg/L	0.50	SW846 9060A	1	02/10/2026 18:33	PAG	E
Turbidity	5.8		NTU	0.30	SM2130B-2011	1	02/10/2026 08:26	NPF	B

Results

Client Sample ID	TRIP BLANK	Collected	02/09/2026 00:00
Lab Sample ID	3450496006	Lab Receipt	02/09/2026 15:40

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	02/13/2026 23:46	IXK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	02/13/2026 23:46	
4-Bromofluorobenzene	460-00-4	101%	79 – 114	02/13/2026 23:46	
Dibromofluoromethane	1868-53-7	95.3%	78 – 116	02/13/2026 23:46	
Toluene-d8	2037-26-5	102%	76 – 127	02/13/2026 23:46	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3450496001	FFMP02DW	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450496002	FFMP036W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450496003	FFMP035W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450496004	FFMP038W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3450496005	FFMP039W	Field	N/A	
		SW846 6010C	SW846 3015A	
		SW846 8260B	N/A	
		EPA 300.0	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		S4500HB-11	N/A	
		SM 4500-NH3G	N/A	
		SM2130B-2011	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
		SW846 9050A	N/A	
		SW846 9060A	N/A	
		SW846 9066	SW846 9066	
3450496006	TRIP BLANK	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
3450496001	FFMP02DW	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1513974	02/11/2026 11:43	RMH	SW846 6010C	1514868
		N/A	N/A	N/A		SW846 8260B	1522466
		N/A	N/A	N/A		EPA 300.0	1506868
		N/A	N/A	N/A		EPA 410.4	1513183
		N/A	N/A	N/A		S4500HB-11	1509566
		N/A	N/A	N/A		SM 4500-NH3G	1511473
		N/A	N/A	N/A		SM2130B-2011	1507871
		N/A	N/A	N/A		SM2320B-2011	1509566
		N/A	N/A	N/A		SM2540C-15	1509769
		N/A	N/A	N/A		SW846 9050A	1514068
		N/A	N/A	N/A		SW846 9060A	1510268
		SW846 9066	1520267	02/13/2026 09:32	A1L	SW846 9066	1520268
3450496002	FFMP036W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1513974	02/11/2026 11:43	RMH	SW846 6010C	1514868
		N/A	N/A	N/A		SW846 8260B	1522466
		N/A	N/A	N/A		EPA 300.0	1507870
		N/A	N/A	N/A		EPA 410.4	1513183
		N/A	N/A	N/A		S4500HB-11	1509566
		N/A	N/A	N/A		SM 4500-NH3G	1511473
		N/A	N/A	N/A		SM2130B-2011	1507871
		N/A	N/A	N/A		SM2320B-2011	1509566
		N/A	N/A	N/A		SM2540C-15	1509769
		N/A	N/A	N/A		SW846 9050A	1514068
		N/A	N/A	N/A		SW846 9060A	1510268
		SW846 9066	1520267	02/13/2026 09:32	A1L	SW846 9066	1520268
3450496003	FFMP035W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1513974	02/11/2026 11:43	RMH	SW846 6010C	1514868
		N/A	N/A	N/A		SW846 8260B	1522466
		N/A	N/A	N/A		EPA 300.0	1507870
		N/A	N/A	N/A		EPA 410.4	1513183
		N/A	N/A	N/A		S4500HB-11	1509566
		N/A	N/A	N/A		SM 4500-NH3G	1511473
		N/A	N/A	N/A		SM2130B-2011	1507871
		N/A	N/A	N/A		SM2320B-2011	1509566
		N/A	N/A	N/A		SM2540C-15	1509769
		N/A	N/A	N/A		SW846 9050A	1514068
		N/A	N/A	N/A		SW846 9060A	1510268
		SW846 9066	1520267	02/13/2026 09:32	A1L	SW846 9066	1520268
3450496004	FFMP038W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1513974	02/11/2026 11:43	RMH	SW846 6010C	1514868
		N/A	N/A	N/A		SW846 8260B	1522466
		N/A	N/A	N/A		EPA 300.0	1507870
		N/A	N/A	N/A		EPA 410.4	1513183
		N/A	N/A	N/A		S4500HB-11	1509566
		N/A	N/A	N/A		SM 4500-NH3G	1511473
		N/A	N/A	N/A		SM2130B-2011	1507871
		N/A	N/A	N/A		SM2320B-2011	1509566
		N/A	N/A	N/A		SM2540C-15	1509769
		N/A	N/A	N/A		SW846 9050A	1514068
		N/A	N/A	N/A		SW846 9060A	1510268
		SW846 9066	1520267	02/13/2026 09:32	A1L	SW846 9066	1520268

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3450496005	FFMP039W	N/A	N/A	N/A		Field	1524286
		SW846 3015A	1513974	02/11/2026 11:43	RMH	SW846 6010C	1514868
		N/A	N/A	N/A		SW846 8260B	1522466
		N/A	N/A	N/A		EPA 300.0	1507870
		N/A	N/A	N/A		EPA 300.0	1512666
		N/A	N/A	N/A		EPA 410.4	1513183
		N/A	N/A	N/A		S4500HB-11	1509566
		N/A	N/A	N/A		SM 4500-NH3G	1511473
		N/A	N/A	N/A		SM2130B-2011	1507871
		N/A	N/A	N/A		SM2320B-2011	1509566
		N/A	N/A	N/A		SM2540C-15	1509769
		N/A	N/A	N/A		SW846 9050A	1514068
		N/A	N/A	N/A		SW846 9060A	1510268
		SW846 9066	1520267	02/13/2026 09:32	A1L	SW846 9066	1520268
3450496006	TRIP BLANK	N/A	N/A	N/A		SW846 8260B	1522466

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 #: 3450496 of
ALS Quote #:
Logged By: MZP
PM: S.W

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 Quarterly GWMP
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	
	Container Size	40ml	125ml	40ml	500ml	250ml			250ml	125ml	
	Preservative	HCL	H2SO4	HCL	UNP	UNP			H2SO4	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 19Q	pH, Cl, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, Bicarbonate	FM	Sample Depth for AUX Data	NH3-N, COD	Metals Fe,Mn,Na,Ca,K,Mg	
	Enter Number of Containers Per Sample or Field Results Below.															
1	FFMP02DW	2/9/26	1031		G	GW	2	1	2	1	1	x	x	1	2	
2	FFMP036W	2/9/26	1219				2	1	2	1	1	X	X	1	2	
3	FFMP035W	2/9/26	1148				2	1	2	1	1	X	X	1	2	
4	FFMP038W	2/9/26	1346				2	1	2	1	1	X	X	1	2	
5	FFMP039W	2/9/26	1415				2	1	2	1	1	X	X	1	2	
6	TRIP BLANK	2/9/26	NA						2							
7																
8																
9																
10																

Receipt Temp Taken By: 352 4
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, llist 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: ID:

Comments:

Date:	Time		Relinquished By / Company Name		Received By / Company Name
9-Feb	1540	1	ALS EP	2	MRTS
		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

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 LCSWMA Workorder 3450456

Temp °C 4 Therm ID 302 Ice? (Y) N N/A Initials & Date HKh 2-9-26

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.*		✱		PM
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:

_____

_____

_____