2540-FM-BWM0041 Rev. 6/2005

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised
10/08/2026
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: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP007W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 57 ' 24.53 " — Longitude: 76 ° 26 ' 33.28 "

Depth to Water Level: 8.55 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.50 ft — Elevation of Water Level: 444.85 ft./MSL

Sampling Depth: 33 ft — Volume of Water Column: 41.05 gal

Total Well Depth: 36.5 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): 7/13/2026 — Sample Collection Time: 8:44

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462507001 — Final Lab Analysis CompletionDate: 7/30/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP007W
Sample Date	7/13/2026

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	EPA 350.3
BICARBONATE	10	SM18-2321
CALCIUM, TOTAL	20.3	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	73.7	EPA 300.0
FLUORIDE	0.2 ND	EPA 300.0
IRON, TOTAL (ug/l)	67 ND	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	10.4	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	7.8	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	9.5	EPA 300.0
pH-FIELD (SU)	5.22	FIELD
pH-LAB (SU)	5.7	EPA 150.1
POTASSIUM, TOTAL	2.5	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	37.8	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	379	FIELD
SPEC. COND., LAB (umhos/cm)	410	EPA 120.1
SULFATE	17.8	EPA 300.0
ALKALINITY	10	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	272	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	0.56	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	2	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	100008
Monitoring Point No.	CWMP007W
Sample Date	7/13/2026

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 (EDB) (ETHYLENE D	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.

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

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SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP008W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 57 ' 16.97 " — Longitude: 76 ° 26 ' 47.58 "

Depth to Water Level: 3.2 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.80 ft — Elevation of Water Level: 419.1 ft./MSL

Sampling Depth: 22 ft — Volume of Water Column: 3.20 gal

Total Well Depth: 22.8 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): 7/13/2026 — Sample Collection Time: 9:13

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462507002 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP008W
Sample Date	7/13/2026

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	5.68	EPA 350.3
BICARBONATE	371	SM18-2321
CALCIUM, TOTAL	62.5	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	26	EPA 410.4
CHLORIDE	40.1	EPA 300.0
FLUORIDE	0.2 ND	EPA 300.0
IRON, TOTAL (ug/l)	19900	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	29.6	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	13400	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	0.05 ND	EPA 300.0
pH-FIELD (SU)	6.1	FIELD
pH-LAB (SU)	6.41	EPA 150.1
POTASSIUM, TOTAL	8.6	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	43.9	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	727	FIELD
SPEC. COND., LAB (umhos/cm)	789	EPA 120.1
SULFATE	5.2	EPA 300.0
ALKALINITY	371	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	434	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	9.2	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	5.9	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	100008
Monitoring Point No.	CWMP008W
Sample Date	7/13/2026

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 (EDB) (ETHYLENE D	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1.7	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

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FORM 19

MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

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

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP001W — X Well ___ Spring ___ Stream ___ Other

X Upgradient/Upstream ___ Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 57 ' 27.43 " — Longitude: 76 ° 26 ' 14.4 "

Depth to Water Level: 34.18 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 1.23 ft — Elevation of Water Level: 480.95 ft./MSL

Sampling Depth: 57 ft — Volume of Water Column: 47.17 gal

Total Well Depth: 66.3 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): 7/13/2026 — Sample Collection Time: 9:34

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462507003 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP001W
Sample Date	7/13/2026

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	EPA 350.3
BICARBONATE	5 ND	SM18-2321
CALCIUM, TOTAL	14.8	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	25.9	EPA 300.0
FLUORIDE	0.2 ND	EPA 300.0
IRON, TOTAL (ug/l)	96	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	10.3	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	64	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	16.6	EPA 300.0
pH-FIELD (SU)	4.79	FIELD
pH-LAB (SU)	5.56	EPA 150.1
POTASSIUM, TOTAL	2.7	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	13.8	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	243	FIELD
SPEC. COND., LAB (umhos/cm)	257	EPA 120.1
SULFATE	2.6	EPA 300.0
ALKALINITY	5 ND	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	204	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	0.57	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	3.3	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	100008
Monitoring Point No.	CWMP001W
Sample Date	7/13/2026

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 (EDB) (ETHYLENE D	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.

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

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QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

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

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP009W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 57 ' 10.82 " — Longitude: 76 ° 26 ' 55.8 "

Depth to Water Level: 8.85 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.70 ft — Elevation of Water Level: 395.35 ft./MSL

Sampling Depth: 16 ft — Volume of Water Column: 7.08 gal

Total Well Depth: 19.7 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): 7/13/2026 — Sample Collection Time: 10:21

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462507004 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP009W
Sample Date	7/13/2026

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	25.6	EPA 350.3
BICARBONATE	534	SM18-2321
CALCIUM, TOTAL	206	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	119	EPA 410.4
CHLORIDE	746	EPA 300.0
FLUORIDE	0.5 ND	EPA 300.0
IRON, TOTAL (ug/l)	39100	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	97.2	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	13800	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	0.13 ND	EPA 300.0
pH-FIELD (SU)	6.04	FIELD
pH-LAB (SU)	6.33	EPA 150.1
POTASSIUM, TOTAL	35.5	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	249	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	2863	FIELD
SPEC. COND., LAB (umhos/cm)	3360	EPA 120.1
SULFATE	7	EPA 300.0
ALKALINITY	534	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	2020	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	45.1	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	21	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	100008
Monitoring Point No.	CWMP009W
Sample Date	7/13/2026

FORM 19

QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

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

ANALYTE	VALUE[T]	ANALYSIS METHOD NUMBER
BENZENE	2	SW846 8260B
1,2-DIBROMOETHANE (EDB) (ETHYLENE D	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1.1	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.

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

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Site Name: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP010W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 57 ' 2.38 " — Longitude: 76 ° 26 ' 57.92 "

Depth to Water Level: 8.75 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.10 ft — Elevation of Water Level: 352.15 ft./MSL

Sampling Depth: 18 ft — Volume of Water Column: 7.08 gal

Total Well Depth: 19.6 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): 7/13/2026 — Sample Collection Time: 11:31

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462507005 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP010W
Sample Date	7/13/2026

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	EPA 350.3
BICARBONATE	240	SM18-2321
CALCIUM, TOTAL	56.8	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	15	EPA 410.4
CHLORIDE	280	EPA 300.0
FLUORIDE	0.5 ND	EPA 300.0
IRON, TOTAL (ug/l)	67 ND	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	48.7	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	73	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	9.7	EPA 300.0
pH-FIELD (SU)	6.84	FIELD
pH-LAB (SU)	7.22	EPA 150.1
POTASSIUM, TOTAL	12.3	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	168	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	1317	FIELD
SPEC. COND., LAB (umhos/cm)	1510	EPA 120.1
SULFATE	33.1	EPA 300.0
ALKALINITY	240	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	842	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	3.6	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	1.6	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	100008
Monitoring Point No.	CWMP010W
Sample Date	7/13/2026

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 (EDB) (ETHYLENE D	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
10/08/2026
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: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP002W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 57 ' 19.97 " — Longitude: 76 ° 26 ' 12.3 "

Depth to Water Level: 44.86 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: -1.19 ft — Elevation of Water Level: 480.95 ft./MSL

Sampling Depth: 85 ft — Volume of Water Column: 80.98 gal

Total Well Depth: 100 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): 7/13/2026 — Sample Collection Time: 12:49

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462507006 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP002W
Sample Date	7/13/2026

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	EPA 350.3
BICARBONATE	68	SM18-2321
CALCIUM, TOTAL	41.7	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	83.3	EPA 300.0
FLUORIDE	0.2 ND	EPA 300.0
IRON, TOTAL (ug/l)	68	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	16	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	740	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	6.3	EPA 300.0
pH-FIELD (SU)	5.57	FIELD
pH-LAB (SU)	6.09	EPA 150.1
POTASSIUM, TOTAL	3.1	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	27.1	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	440	FIELD
SPEC. COND., LAB (umhos/cm)	503	EPA 120.1
SULFATE	18.2	EPA 300.0
ALKALINITY	68	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	360	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	2.3	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	1.4	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	100008
Monitoring Point No.	CWMP002W
Sample Date	7/13/2026

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 (EDB) (ETHYLENE D	1 ND	SW846 8260B
1,1-DICHLOROETHANE	3.8	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
10/08/2026
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: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP003W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 57 ' 20.17 " — Longitude: 76 ° 26 ' 8.37 "

Depth to Water Level: 55.43 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: -1.29 ft — Elevation of Water Level: 468.78 ft./MSL

Sampling Depth: 100 ft — Volume of Water Column: 28.74 gal

Total Well Depth: 75 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): 7/13/2026 — Sample Collection Time: 13:28

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462507007 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP003W
Sample Date	7/13/2026

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	EPA 350.3
BICARBONATE	17	SM18-2321
CALCIUM, TOTAL	16.5	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	47.3	EPA 300.0
FLUORIDE	0.2 ND	EPA 300.0
IRON, TOTAL (ug/l)	67 ND	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	7.4	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	67	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	5.7	EPA 300.0
pH-FIELD (SU)	5.5	FIELD
pH-LAB (SU)	5.9	EPA 150.1
POTASSIUM, TOTAL	2.4	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	20.1	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	249	FIELD
SPEC. COND., LAB (umhos/cm)	268	EPA 120.1
SULFATE	10.9	EPA 300.0
ALKALINITY	17	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	203	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	0.96	SM18-5310B
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	100008
Monitoring Point No.	CWMP003W
Sample Date	7/13/2026

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 (EDB) (ETHYLENE D	1 ND	SW846 8260B
1,1-DICHLOROETHANE	1	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
10/08/2026
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: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP005W — X Well ___ Spring ___ Stream ___ Other

X Upgradient/Upstream ___ Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 57 ' 11.17 " — Longitude: 76 ° 26 ' 7.08 "

Depth to Water Level: 46.7 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: -0.37 ft — Elevation of Water Level: 466.73 ft./MSL

Sampling Depth: 130 ft — Volume of Water Column: 137.03 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): 7/13/2026 — Sample Collection Time: 15:00

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462507008 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP005W
Sample Date	7/13/2026

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	EPA 350.3
BICARBONATE	17	SM18-2321
CALCIUM, TOTAL	18.4	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	82.9	EPA 300.0
FLUORIDE	0.2 ND	EPA 300.0
IRON, TOTAL (ug/l)	67 ND	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	8.8	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	54	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	7.2	EPA 300.0
pH-FIELD (SU)	5.21	FIELD
pH-LAB (SU)	5.86	EPA 150.1
POTASSIUM, TOTAL	2.5	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	40.6	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	351	FIELD
SPEC. COND., LAB (umhos/cm)	396	EPA 120.1
SULFATE	6.8	EPA 300.0
ALKALINITY	17	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	288	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	0.88	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	3.7	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	100008
Monitoring Point No.	CWMP005W
Sample Date	7/13/2026

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 (EDB) (ETHYLENE D	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
10/08/2026
DEP USE ONLY
Date Received

FORM 19

MUNICIPAL WASTE LANDFILL
QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

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

SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP004W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 57 ' 17.9 " — Longitude: 76 ° 26 ' 7.05 "

Depth to Water Level: 53.1 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: -1.37 ft — Elevation of Water Level: 476.43 ft./MSL

Sampling Depth: 130 ft — Volume of Water Column: 127.63 gal

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

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

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

Spring Flow Rate: __gpm

Sample Date (mm/dd/yy): 7/13/2026 — Sample Collection Time: 15:15

Sample Collector's Name: Evan M Poe

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462507009 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP004W
Sample Date	7/13/2026

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	EPA 350.3
BICARBONATE	19	SM18-2321
CALCIUM, TOTAL	16.4	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	43.2	EPA 300.0
FLUORIDE	0.2 ND	EPA 300.0
IRON, TOTAL (ug/l)	180	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	5.5	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	5.6 ND	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	5.3	EPA 300.0
pH-FIELD (SU)	5.63	FIELD
pH-LAB (SU)	6.17	EPA 150.1
POTASSIUM, TOTAL	1.4	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	18.4	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	219	FIELD
SPEC. COND., LAB (umhos/cm)	238	EPA 120.1
SULFATE	4.4	EPA 300.0
ALKALINITY	19	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	187	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	0.69	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	2.2	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	100008
Monitoring Point No.	CWMP004W
Sample Date	7/13/2026

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 (EDB) (ETHYLENE D	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
10/08/2026
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: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP012W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 57 ' 1.48 " — Longitude: 76 ° 26 ' 36.02 "

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

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

Sampling Depth: 0 ft — Volume of Water Column: #Error gal

Total Well Depth: 101.9 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

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

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

Spring Flow Rate: __gpm

Sample Date (mm/dd/yy): 7/14/2026 — Sample Collection Time: 12:12

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462618001 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP012W
Sample Date	7/14/2026

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	EPA 350.3
BICARBONATE	132	SM18-2321
CALCIUM, TOTAL	29	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	15	EPA 410.4
CHLORIDE	1.5	EPA 300.0
FLUORIDE	0.2 ND	EPA 300.0
IRON, TOTAL (ug/l)	67 ND	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	1.3	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	8	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	1.1	EPA 300.0
pH-FIELD (SU)	7.4	FIELD
pH-LAB (SU)	8.28	EPA 150.1
POTASSIUM, TOTAL	37.8	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	10.6	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	258	FIELD
SPEC. COND., LAB (umhos/cm)	290	EPA 120.1
SULFATE	3	EPA 300.0
ALKALINITY	132	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	209	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	4.2	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	0.8	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	100008
Monitoring Point No.	CWMP012W
Sample Date	7/14/2026

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 (EDB) (ETHYLENE D	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.

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
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Site Name: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP018S — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

Location (County): Lancaster County — Municipality: Manor

Sampling Point — Latitude: 39 ° 56 ' 55.11 " — Longitude: 76 ° 26 ' 51.66 "

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

Casing Stickup: _____ ft — Elevation of Water Level: #Error ft./MSL

Sampling Depth: 0 ft — Volume of Water Column: #Error gal

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

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

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

Spring Flow Rate: __gpm

Sample Date (mm/dd/yy): 7/14/2026 — Sample Collection Time: 12:37

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462618003 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP018S
Sample Date	7/14/2026

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	EPA 350.3
BICARBONATE	530	SM18-2321
CALCIUM, TOTAL	85.2	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	22	EPA 410.4
CHLORIDE	645	EPA 300.0
FLUORIDE	0.5 ND	EPA 300.0
IRON, TOTAL (ug/l)	230	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	106	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	100	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	22.6	EPA 300.0
pH-FIELD (SU)	8.57	FIELD
pH-LAB (SU)	8.66	EPA 150.1
POTASSIUM, TOTAL	24.4	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	427	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	2954	FIELD
SPEC. COND., LAB (umhos/cm)	3180	EPA 120.1
SULFATE	26	EPA 300.0
ALKALINITY	580	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	1760	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	6.6	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	6.4	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	100008
Monitoring Point No.	CWMP018S
Sample Date	7/14/2026

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 (EDB) (ETHYLENE D	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.

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
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SECTION A. APPLICANT IDENTIFIER

Applicant/permittee: Lancaster County Solid Waste Mana

Site Name: Creswell Landfill

Facitlity ID (as issued by DEP): 100008

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 (D° MM' SS.S")

Monitoring Point Number: CWMP017S — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 57 ' 20.41 " — Longitude: 76 ° 26 ' 45.1 "

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

Casing Stickup: _____ ft — Elevation of Water Level: #Error ft./MSL

Sampling Depth: 0 ft — Volume of Water Column: #Error gal

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

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

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

Spring Flow Rate: __gpm

Sample Date (mm/dd/yy): 7/14/2026 — Sample Collection Time: 13:20

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462618005 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP017S
Sample Date	7/14/2026

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	EPA 350.3
BICARBONATE	401	SM18-2321
CALCIUM, TOTAL	96.7	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	19	EPA 410.4
CHLORIDE	861	EPA 300.0
FLUORIDE	0.5 ND	EPA 300.0
IRON, TOTAL (ug/l)	1600	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	150	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	580	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	32.5	EPA 300.0
pH-FIELD (SU)	8.11	FIELD
pH-LAB (SU)	8.38	EPA 150.1
POTASSIUM, TOTAL	27.7	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	569	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	3908	FIELD
SPEC. COND., LAB (umhos/cm)	4260	EPA 120.1
SULFATE	28.6	EPA 300.0
ALKALINITY	419	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	2390	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	4.6	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	11	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	100008
Monitoring Point No.	CWMP017S
Sample Date	7/14/2026

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 (EDB) (ETHYLENE D	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.

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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 (D° MM' SS.S")

Monitoring Point Number: CWMP016W — X Well ___ Spring ___ Stream ___ Other

___ Upgradient/Upstream X Downgradient/Downstream

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

Sampling Point — Latitude: 39 ° 56 ' 55.57 " — Longitude: 76 ° 26 ' 50.59 "

Depth to Water Level: 12.78 ft — Measured from: ___ Land Surface X TOC

Casing Stickup: 2.53 ft — Elevation of Water Level: 299.19 ft./MSL

Sampling Depth: 71 ft — Volume of Water Column: ___ gal

Total Well Depth: 78.03 ft — Sampling Method: X Pumped ___ Bailed ___ Grab

Well Purged: X Yes ___ No — Well Volumes Purged: 0.6

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

Spring Flow Rate: __gpm

Sample Date (mm/dd/yy): 7/14/2026 — Sample Collection Time: 12:49

Sample Collector's Name: Client

Sample Collector's Affiliation: ALS

Laboratory(ies) Performing Analysis:

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

Lab Accreditation Number(s):

Lab Sample Number(s): 3462618007 — Final Lab Analysis CompletionDate: 7/23/2026

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

Comments:

I.D. No	100008
Monitoring Point No.	CWMP016W
Sample Date	7/14/2026

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	EPA 350.3
BICARBONATE	8	SM18-2321
CALCIUM, TOTAL	6	SW846 6010B
CALCIUM, DISSOLVED		SW 8466010B
COD (CHEMICAL OXYGEN DEMAND)	15 ND	EPA 410.4
CHLORIDE	2.5	EPA 300.0
FLUORIDE	0.2 ND	EPA 300.0
IRON, TOTAL (ug/l)	370	SW846 6010B
IRON, DISSOLVED (ug/l)		SW846 6010B
MAGNESIUM, TOTAL	1.4	SW846 6010B
MAGNESIUM, DISSOLVED		SW846 6010B
MANGANESE, TOTAL (ug/l)	13	SW846 6010B
MANGANESE, DISSOLVED (ug/l)		SW846 6010B
NITRATE-NITROGEN	2	EPA 300.0
pH-FIELD (SU)	5.43	FIELD
pH-LAB (SU)	6.54	EPA 150.1
POTASSIUM, TOTAL	0.64	SW846 6010B
POTASSIUM, DISSOLVED		SW846 6010B
SODIUM, TOTAL	3.8	SW846 6010B
SODIUM, DISSOLVED		SW846 6010B
SPEC. COND., FIELD (umhos/cm)	58	FIELD
SPEC. COND., LAB (umhos/cm)	66	EPA 120.1
SULFATE	8.6	EPA 300.0
ALKALINITY	8	SM18-2320B
TDS (TOTAL DISSOLVED SOLIDS)	72	SM18-2540C
TOC (TOTAL ORGANIC CARBON)	0.5 ND	SM18-5310B
TOTAL PHENOLICS (ug/l)	4 ND	SW846 9066
TURBIDITY (N.T.U.)	3	SM 2130B

* Indicator Analyte - For comparison with detection zone analytes.
T Please indicate detection limit if analyte is not detected.
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I.D. No	100008
Monitoring Point No.	CWMP016W
Sample Date	7/14/2026

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 (EDB) (ETHYLENE D	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: 2550 Boulevard of the Generals, Suite 290 | West Norriton, PA 19403 | Phone: 717-982-8315

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

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

Project Creswell/GWMP Form 19Q
Workorder 3462618
Report ID 521766 on 7/25/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Jul 14, 2026.

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

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

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

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

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

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

Stacey Welk

Stacey Welk *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3462618001	CWMP012W	Ground Water	07/14/2026 12:12	07/14/2026 15:15	C	
3462618002	Trip Blank	Water	07/14/2026 12:12	07/14/2026 15:15	C	
3462618003	CWMP018S	Ground Water	07/14/2026 12:37	07/14/2026 15:15	C	
3462618004	Trip Blank	Water	07/14/2026 12:37	07/14/2026 15:15	C	
3462618005	CWMP017S	Ground Water	07/14/2026 13:20	07/14/2026 15:15	C	
3462618006	Trip Blank	Water	07/14/2026 13:20	07/14/2026 15:15	C	
3462618007	CWMP016W	Ground Water	07/14/2026 12:49	07/14/2026 15:15	C	
3462618008	Trip Blank	Water	07/14/2026 12:49	07/14/2026 15:15	C	

Reference

Notes

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

Standard Acronyms/Flags

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

Project Notations

Sample Notations

Lab ID	Sample ID

Result Notations

Notation Ref.	
1	The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO3/L.
2	The pH analysis is an "analyze immediately" analysis. Parameters identified as "analyze immediately" require analysis within 15 minutes of collection, and are therefore analyzed outside of the method holding time when analyzed in the laboratory.
3	The QC type CRDL for method SW846 6010B was outside the control limits for the analyte Manganese. The % RSD was reported as 26.62 and the control limits were 0 to 20. MSY 7/23/26
4	The QC sample type MSD for method SW846 9066 was outside the control limits for the analyte Phenolics. The % Recovery was reported as 136 and the control limits were 90 to 110.
5	The QC sample type MS for method SW846 9066 was outside the control limits for the analyte Phenolics. The % Recovery was reported as 136 and the control limits were 90 to 110.

Detected Results Summary

Client Sample ID	CWMP012W	Collected	07/14/2026 12:12
Lab Sample ID	3462618001	Lab Receipt	07/14/2026 15:15

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Dissolved Oxygen	7.27	mg/L	0.01	Field	#
Oxidation-Reduction Potential	217	mV		Field	#
pH, Field (SM4500B)	7.40	pH_Units		Field	#
Specific Conductance, Field	258	umhos/cm	1	Field	#
Temperature	20.17	Deg. C		Field	#
METALS					
Calcium, Total	29.0	mg/L	0.11	SW846 6010C	#
Magnesium, Total	1.3	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.0080	mg/L	0.0056	SW846 6010C	#
Potassium, Total	37.8	mg/L	0.56	SW846 6010C	#
Sodium, Total	10.6	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	132	mg/L	5	SM2320B-21	#
Alkalinity, Total	132	mg/L	5	SM2320B-21	#
Chemical Oxygen Demand (COD)	15	mg/L	15	EPA 410.4	#
Chloride	1.5	mg/L	0.50	EPA 300.0	#
Nitrate-N	1.1	mg/L	0.050	EPA 300.0	#
pH	8.28	pH_Units		SM4500HB-21	#
Specific Conductance	290	umhos/cm	5	SW846 9050A	#
Sulfate	3.0	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	209	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	4.2	mg/L	0.50	SW846 9060A	#
Turbidity	0.80	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	CWMP018S	Collected	07/14/2026 12:37
Lab Sample ID	3462618003	Lab Receipt	07/14/2026 15:15

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Dissolved Oxygen	8.53	mg/L	0.01	Field	#
Oxidation-Reduction Potential	190	mV		Field	#
pH, Field (SM4500B)	8.57	pH_Units		Field	#
Specific Conductance, Field	2954	umhos/cm	1	Field	#
Temperature	23.43	Deg. C		Field	#
Turbidity, Field	2	NTU	1	Field	#
METALS					
Calcium, Total	85.2	mg/L	0.11	SW846 6010C	#
Iron, Total	0.23	mg/L	0.067	SW846 6010C	#
Magnesium, Total	106	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.10	mg/L	0.0056	SW846 6010C	#
Potassium, Total	24.4	mg/L	0.56	SW846 6010C	#
Sodium, Total	427	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	530	mg/L	50	SM2320B-21	#
Alkalinity, Total	580	mg/L	50	SM2320B-21	#
Chemical Oxygen Demand (COD)	22	mg/L	15	EPA 410.4	#
Chloride	645	mg/L	2.5	EPA 300.0	#
Nitrate-N	22.6	mg/L	0.13	EPA 300.0	#
pH	8.66	pH_Units		SM4500HB-21	#
Specific Conductance	3180	umhos/cm	5	SW846 9050A	#
Sulfate	26.0	mg/L	1.3	EPA 300.0	#
Total Dissolved Solids	1760	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	6.6	mg/L	0.50	SW846 9060A	#
Turbidity	6.4	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	CWMP017S	Collected	07/14/2026 13:20
Lab Sample ID	3462618005	Lab Receipt	07/14/2026 15:15

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Dissolved Oxygen	7.51	mg/L	0.01	Field	#
Oxidation-Reduction Potential	172	mV		Field	#
pH, Field (SM4500B)	8.11	pH_Units		Field	#
Specific Conductance, Field	3908	umhos/cm	1	Field	#
Temperature	26.92	Deg. C		Field	#
Turbidity, Field	14	NTU	1	Field	#
METALS					
Calcium, Total	96.7	mg/L	0.11	SW846 6010C	#
Iron, Total	1.6	mg/L	0.067	SW846 6010C	#
Magnesium, Total	150	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.58	mg/L	0.0056	SW846 6010C	#
Potassium, Total	27.7	mg/L	0.56	SW846 6010C	#
Sodium, Total	569	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	401	mg/L	5	SM2320B-21	#
Alkalinity, Total	419	mg/L	5	SM2320B-21	#
Chemical Oxygen Demand (COD)	19	mg/L	15	EPA 410.4	#
Chloride	861	mg/L	2.5	EPA 300.0	#
Nitrate-N	32.5	mg/L	0.13	EPA 300.0	#
pH	8.38	pH_Units		SM4500HB-21	#
Specific Conductance	4260	umhos/cm	5	SW846 9050A	#
Sulfate	28.6	mg/L	1.3	EPA 300.0	#
Total Dissolved Solids	2390	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	4.6	mg/L	0.50	SW846 9060A	#
Turbidity	11	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	CWMP016W	Collected	07/14/2026 12:49
Lab Sample ID	3462618007	Lab Receipt	07/14/2026 15:15

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	12.78	Feet		Field	#
Dissolved Oxygen	9.27	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	311.97	Feet		Field	#
Flow Rate	1.71	gal/min		Field	#
Ground Water Elevation	299.19	ft/MSL		Field	#
Oxidation-Reduction Potential	229	mV		Field	#
pH, Field (SM4500B)	5.43	pH_Units		Field	#
Sample Depth	71.00	Feet		Field	#
Specific Conductance, Field	58	umhos/cm	1	Field	#
Temperature	12.61	Deg. C		Field	#
Total Well Depth	73.52	Feet		Field	#
Turbidity, Field	2	NTU	1	Field	#
Volume in Water Column	89.29	Gallons		Field	#
Water Level After Purge	17.94	Feet		Field	#
Well Volumes Purged	0.57	Vol		Field	#
METALS					
Calcium, Total	6.0	mg/L	0.11	SW846 6010C	#
Iron, Total	0.37	mg/L	0.067	SW846 6010C	#
Magnesium, Total	1.4	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.013	mg/L	0.0056	SW846 6010C	#
Potassium, Total	0.64	mg/L	0.56	SW846 6010C	#
Sodium, Total	3.8	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	8	mg/L	5	SM2320B-21	#
Alkalinity, Total	8	mg/L	5	SM2320B-21	#
Chloride	2.5	mg/L	0.50	EPA 300.0	#
Nitrate-N	2.0	mg/L	0.050	EPA 300.0	#
pH	6.54	pH_Units		SM4500HB-21	#
Specific Conductance	66	umhos/cm	5	SW846 9050A	#
Sulfate	8.6	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	72	mg/L	25	SM2540C-15	#
Turbidity	3.0	NTU	0.30	SM2130B-20	#

Results

Client Sample ID	CWMP012W	Collected	07/14/2026 12:12
Lab Sample ID	3462618001	Lab Receipt	07/14/2026 15:15

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Dissolved Oxygen	7.27		mg/L	0.01	Field	1	07/14/2026 00:00	EMP	D
Oxidation-Reduction Potential	217		mV		Field	1	07/14/2026 00:00	EMP	D
pH, Field (SM4500B)	7.40		pH_Units		Field	1	07/14/2026 00:00	EMP	D
Specific Conductance, Field	258		umhos/cm	1	Field	1	07/14/2026 00:00	EMP	D
Temperature	20.17		Deg. C		Field	1	07/14/2026 00:00	EMP	D
Turbidity, Field	ND	ND	NTU	1	Field	1	07/14/2026 00:00	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	29.0		mg/L	0.11	SW846 6010C	1	07/23/2026 10:14	MSY	K1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	07/23/2026 10:14	MSY	K1
Magnesium, Total	1.3		mg/L	0.11	SW846 6010C	1	07/23/2026 10:14	MSY	K1
Manganese, Total	0.0080	3	mg/L	0.0056	SW846 6010C	1	07/23/2026 10:14	MSY	K1
Potassium, Total	37.8		mg/L	0.56	SW846 6010C	1	07/23/2026 10:14	MSY	K1
Sodium, Total	10.6		mg/L	0.56	SW846 6010C	1	07/23/2026 10:14	MSY	K1

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	07/17/2026 05:58	PDK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 05:58	PDK	H

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 – 133	07/17/2026 05:58	
4-Bromofluorobenzene	460-00-4	103%	79 – 114	07/17/2026 05:58	
Dibromofluoromethane	1868-53-7	89.5%	78 – 116	07/17/2026 05:58	
Toluene-d8	2037-26-5	105%	76 – 127	07/17/2026 05:58	

WET CHEMISTRY

Results

Client Sample ID CWMP012W
Lab Sample ID 3462618001

Collected 07/14/2026 12:12
Lab Receipt 07/14/2026 15:15

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	132		mg/L	5	SM2320B-21	1	07/15/2026 15:14	CMO	B
Alkalinity, Total	132	1	mg/L	5	SM2320B-21	1	07/15/2026 15:14	CMO	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	07/16/2026 21:41	AYS	A
Chemical Oxygen Demand (COD)	15		mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	1.5		mg/L	0.50	EPA 300.0	2	07/15/2026 15:39	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	07/15/2026 15:39	J1W	B
Nitrate-N	1.1		mg/L	0.050	EPA 300.0	2	07/15/2026 15:39	J1W	B
pH	8.28	2	pH_Units		SM4500HB-21	1	07/15/2026 15:14	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 15:41	DJH	G
Specific Conductance	290		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	3.0		mg/L	0.50	EPA 300.0	2	07/15/2026 15:39	J1W	B
Total Dissolved Solids	209		mg/L	25	SM2540C-15	1	07/16/2026 16:00	RAG	B
Total Organic Carbon (TOC)	4.2		mg/L	0.50	SW846 9060A	1	07/21/2026 00:26	PAG	E
Turbidity	0.80		NTU	0.30	SM2130B-20	1	07/15/2026 07:57	AOO	B

Results

Client Sample ID	Trip Blank	Collected	07/14/2026 12:12
Lab Sample ID	3462618002	Lab Receipt	07/14/2026 15:15

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	07/17/2026 01:50	PDK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 01:50	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	105%	62 – 133	07/17/2026 01:50	
4-Bromofluorobenzene	460-00-4	99.7%	79 – 114	07/17/2026 01:50	
Dibromofluoromethane	1868-53-7	91%	78 – 116	07/17/2026 01:50	
Toluene-d8	2037-26-5	104%	76 – 127	07/17/2026 01:50	

Results

Client Sample ID	CWMP018S	Collected	07/14/2026 12:37
Lab Sample ID	3462618003	Lab Receipt	07/14/2026 15:15

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Dissolved Oxygen	8.53		mg/L	0.01	Field	1	07/14/2026 12:37	SM	D
Oxidation-Reduction Potential	190		mV		Field	1	07/14/2026 12:37	SM	D
pH, Field (SM4500B)	8.57		pH_Units		Field	1	07/14/2026 12:37	SM	D
Specific Conductance, Field	2954		umhos/cm	1	Field	1	07/14/2026 12:37	SM	D
Temperature	23.43		Deg. C		Field	1	07/14/2026 12:37	SM	D
Turbidity, Field	2		NTU	1	Field	1	07/14/2026 12:37	SM	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	85.2		mg/L	0.11	SW846 6010C	1	07/23/2026 10:17	MSY	K1
Iron, Total	0.23		mg/L	0.067	SW846 6010C	1	07/23/2026 10:17	MSY	K1
Magnesium, Total	106		mg/L	0.11	SW846 6010C	1	07/23/2026 10:17	MSY	K1
Manganese, Total	0.10	3	mg/L	0.0056	SW846 6010C	1	07/23/2026 10:17	MSY	K1
Potassium, Total	24.4		mg/L	0.56	SW846 6010C	1	07/23/2026 10:17	MSY	K1
Sodium, Total	427		mg/L	0.56	SW846 6010C	1	07/23/2026 10:17	MSY	K1

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	07/17/2026 06:21	PDK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:21	PDK	H

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	108%	62 – 133	07/17/2026 06:21	
4-Bromofluorobenzene	460-00-4	104%	79 – 114	07/17/2026 06:21	
Dibromofluoromethane	1868-53-7	93.7%	78 – 116	07/17/2026 06:21	
Toluene-d8	2037-26-5	106%	76 – 127	07/17/2026 06:21	

WET CHEMISTRY

Results

Client Sample ID CWMP018S
Lab Sample ID 3462618003

Collected 07/14/2026 12:37
Lab Receipt 07/14/2026 15:15

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	530		mg/L	50	SM2320B-21	10	07/17/2026 10:27	CMO	B
Alkalinity, Total	580	1	mg/L	50	SM2320B-21	10	07/17/2026 10:27	CMO	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	07/16/2026 21:44	AYS	A
Chemical Oxygen Demand (COD)	22		mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	645		mg/L	2.5	EPA 300.0	10	07/17/2026 00:17	J1W	B
Fluoride	ND	ND	mg/L	0.50	EPA 300.0	5	07/15/2026 15:54	J1W	B
Nitrate-N	22.6		mg/L	0.13	EPA 300.0	5	07/15/2026 15:54	J1W	B
pH	8.66	2	pH_Units		SM4500HB-21	1	07/15/2026 15:29	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 15:45	DJH	G
Specific Conductance	3180		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	26.0		mg/L	1.3	EPA 300.0	5	07/15/2026 15:54	J1W	B
Total Dissolved Solids	1760		mg/L	25	SM2540C-15	1	07/16/2026 16:00	RAG	B
Total Organic Carbon (TOC)	6.6		mg/L	0.50	SW846 9060A	1	07/21/2026 00:26	PAG	E
Turbidity	6.4		NTU	0.30	SM2130B-20	1	07/15/2026 07:57	AOO	B

Results

Client Sample ID	Trip Blank	Collected	07/14/2026 12:37
Lab Sample ID	3462618004	Lab Receipt	07/14/2026 15:15

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	07/17/2026 02:13	PDK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:13	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	106%	62 – 133	07/17/2026 02:13	
4-Bromofluorobenzene	460-00-4	99%	79 – 114	07/17/2026 02:13	
Dibromofluoromethane	1868-53-7	90.4%	78 – 116	07/17/2026 02:13	
Toluene-d8	2037-26-5	105%	76 – 127	07/17/2026 02:13	

Results

Client Sample ID	CWMP017S	Collected	07/14/2026 13:20
Lab Sample ID	3462618005	Lab Receipt	07/14/2026 15:15

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Dissolved Oxygen	7.51		mg/L	0.01	Field	1	07/14/2026 13:20	SM	D
Oxidation-Reduction Potential	172		mV		Field	1	07/14/2026 13:20	SM	D
pH, Field (SM4500B)	8.11		pH_Units		Field	1	07/14/2026 13:20	SM	D
Specific Conductance, Field	3908		umhos/cm	1	Field	1	07/14/2026 13:20	SM	D
Temperature	26.92		Deg. C		Field	1	07/14/2026 13:20	SM	D
Turbidity, Field	14		NTU	1	Field	1	07/14/2026 13:20	SM	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	96.7		mg/L	0.11	SW846 6010C	1	07/23/2026 10:10	MSY	K1
Iron, Total	1.6		mg/L	0.067	SW846 6010C	1	07/23/2026 10:10	MSY	K1
Magnesium, Total	150		mg/L	0.11	SW846 6010C	1	07/23/2026 10:10	MSY	K1
Manganese, Total	0.58	3	mg/L	0.0056	SW846 6010C	1	07/23/2026 10:10	MSY	K1
Potassium, Total	27.7		mg/L	0.56	SW846 6010C	1	07/23/2026 10:10	MSY	K1
Sodium, Total	569		mg/L	0.56	SW846 6010C	1	07/23/2026 10:10	MSY	K1

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	07/17/2026 06:43	PDK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 06:43	PDK	H

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	109%	62 – 133	07/17/2026 06:43	
4-Bromofluorobenzene	460-00-4	104%	79 – 114	07/17/2026 06:43	
Dibromofluoromethane	1868-53-7	93.7%	78 – 116	07/17/2026 06:43	
Toluene-d8	2037-26-5	108%	76 – 127	07/17/2026 06:43	

WET CHEMISTRY

Results

Client Sample ID CWMP017S
Lab Sample ID 3462618005

Collected 07/14/2026 13:20
Lab Receipt 07/14/2026 15:15

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	401		mg/L	5	SM2320B-21	1	07/15/2026 15:44	CMO	B
Alkalinity, Total	419	1	mg/L	5	SM2320B-21	1	07/15/2026 15:44	CMO	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	07/16/2026 21:47	AYS	A
Chemical Oxygen Demand (COD)	19		mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	861		mg/L	2.5	EPA 300.0	10	07/17/2026 00:32	J1W	B
Fluoride	ND	ND	mg/L	0.50	EPA 300.0	5	07/15/2026 16:08	J1W	B
Nitrate-N	32.5		mg/L	0.13	EPA 300.0	5	07/15/2026 16:08	J1W	B
pH	8.38	2	pH_Units		SM4500HB-21	1	07/15/2026 15:44	CMO	B
Phenolics	ND	ND,4,5	mg/L	0.004	SW846 9066	1	07/22/2026 15:48	DJH	G
Specific Conductance	4260		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	28.6		mg/L	1.3	EPA 300.0	5	07/15/2026 16:08	J1W	B
Total Dissolved Solids	2390		mg/L	25	SM2540C-15	1	07/16/2026 16:00	RAG	B
Total Organic Carbon (TOC)	4.6		mg/L	0.50	SW846 9060A	1	07/21/2026 00:26	PAG	E
Turbidity	11		NTU	0.30	SM2130B-20	1	07/15/2026 07:57	AOO	B

Results

Client Sample ID	Trip Blank	Collected	07/14/2026 13:20
Lab Sample ID	3462618006	Lab Receipt	07/14/2026 15:15

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	07/17/2026 02:35	PDK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:35	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 – 133	07/17/2026 02:35	
4-Bromofluorobenzene	460-00-4	101%	79 – 114	07/17/2026 02:35	
Dibromofluoromethane	1868-53-7	90.3%	78 – 116	07/17/2026 02:35	
Toluene-d8	2037-26-5	103%	76 – 127	07/17/2026 02:35	

Results

Client Sample ID	CWMP016W	Collected	07/14/2026 12:49
Lab Sample ID	3462618007	Lab Receipt	07/14/2026 15:15

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	12.78		Feet		Field	1	07/14/2026 12:48	EMP	D
Dissolved Oxygen	9.27		mg/L	0.01	Field	1	07/14/2026 12:48	EMP	D
Elev Top MW Casing above MSL	311.97		Feet		Field	1	07/14/2026 12:48	EMP	D
Flow Rate	1.71		gal/min		Field	1	07/14/2026 12:48	EMP	D
Ground Water Elevation	299.19		ft/MSL		Field	1	07/14/2026 12:48	EMP	D
Oxidation-Reduction Potential	229		mV		Field	1	07/14/2026 12:48	EMP	D
pH, Field (SM4500B)	5.43		pH_Units		Field	1	07/14/2026 12:48	EMP	D
Sample Depth	71.00		Feet		Field	1	07/14/2026 12:48	EMP	D
Specific Conductance, Field	58		umhos/cm	1	Field	1	07/14/2026 12:48	EMP	D
Temperature	12.61		Deg. C		Field	1	07/14/2026 12:48	EMP	D
Total Well Depth	73.52		Feet		Field	1	07/14/2026 12:48	EMP	D
Turbidity, Field	2		NTU	1	Field	1	07/14/2026 12:48	EMP	D
Volume in Water Column	89.29		Gallons		Field	1	07/14/2026 12:48	EMP	D
Water Level After Purge	17.94		Feet		Field	1	07/14/2026 12:48	EMP	D
Well Volumes Purged	0.57		Vol		Field	1	07/14/2026 12:48	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	6.0		mg/L	0.11	SW846 6010C	1	07/23/2026 10:25	MSY	K1
Iron, Total	0.37		mg/L	0.067	SW846 6010C	1	07/23/2026 10:25	MSY	K1
Magnesium, Total	1.4		mg/L	0.11	SW846 6010C	1	07/23/2026 10:25	MSY	K1
Manganese, Total	0.013	3	mg/L	0.0056	SW846 6010C	1	07/23/2026 10:25	MSY	K1
Potassium, Total	0.64		mg/L	0.56	SW846 6010C	1	07/23/2026 10:25	MSY	K1
Sodium, Total	3.8		mg/L	0.56	SW846 6010C	1	07/23/2026 10:25	MSY	K1

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	07/17/2026 07:06	PDK	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 07:06	PDK	H

Results

Client Sample ID	CWMP016W	Collected	07/14/2026 12:49
Lab Sample ID	3462618007	Lab Receipt	07/14/2026 15:15

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	107%	62 – 133	07/17/2026 07:06	
4-Bromofluorobenzene	460-00-4	103%	79 – 114	07/17/2026 07:06	
Dibromofluoromethane	1868-53-7	91.8%	78 – 116	07/17/2026 07:06	
Toluene-d8	2037-26-5	104%	76 – 127	07/17/2026 07:06	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	8		mg/L	5	SM2320B-21	1	07/15/2026 15:57	CMO	B
Alkalinity, Total	8	1	mg/L	5	SM2320B-21	1	07/15/2026 15:57	CMO	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	07/16/2026 21:50	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	2.5		mg/L	0.50	EPA 300.0	2	07/15/2026 16:23	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	07/15/2026 16:23	J1W	B
Nitrate-N	2.0		mg/L	0.050	EPA 300.0	2	07/15/2026 16:23	J1W	B
pH	6.54	2	pH_Units		SM4500HB-21	1	07/15/2026 15:57	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 15:58	DJH	G
Specific Conductance	66		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	8.6		mg/L	0.50	EPA 300.0	2	07/15/2026 16:23	J1W	B
Total Dissolved Solids	72		mg/L	25	SM2540C-15	1	07/16/2026 16:00	RAG	B
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SW846 9060A	1	07/21/2026 00:26	PAG	E
Turbidity	3.0		NTU	0.30	SM2130B-20	1	07/15/2026 07:57	AOO	B

Results

Client Sample ID	Trip Blank	Collected	07/14/2026 12:49
Lab Sample ID	3462618008	Lab Receipt	07/14/2026 15:15

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	07/17/2026 02:58	PDK	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/17/2026 02:58	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 – 133	07/17/2026 02:58	
4-Bromofluorobenzene	460-00-4	100%	79 – 114	07/17/2026 02:58	
Dibromofluoromethane	1868-53-7	90%	78 – 116	07/17/2026 02:58	
Toluene-d8	2037-26-5	104%	76 – 127	07/17/2026 02:58	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3462618001	CWMP012W	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	
3462618002	Trip Blank	SW846 8260B	N/A	
3462618003	CWMP018S	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	
		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	
3462618004	Trip Blank	SW846 8260B	N/A	
3462618005	CWMP017S	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	
		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	
3462618006	Trip Blank	SW846 8260B	N/A	

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3462618007	CWMP016W	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	
3462618008	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
3462618001	CWMP012W	N/A	N/A	N/A		Field	1562654
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562295
		N/A	N/A	N/A		EPA 300.0	1562052
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562062
		N/A	N/A	N/A		SM2130B-20	1562016
		N/A	N/A	N/A		SM2320B-21	1562050
		N/A	N/A	N/A		SM2540C-15	1562197
		N/A	N/A	N/A		SM4500HB-21	1562050
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562368
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791
3462618002	Trip Blank	N/A	N/A	N/A		SW846 8260B	1562295
3462618003	CWMP018S	N/A	N/A	N/A		Field	
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562295
		N/A	N/A	N/A		EPA 300.0	1562052
		N/A	N/A	N/A		EPA 300.0	1562154
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562062
		N/A	N/A	N/A		SM2130B-20	1562016
		N/A	N/A	N/A		SM2320B-21	1562333
		N/A	N/A	N/A		SM2540C-15	1562197
		N/A	N/A	N/A		SM4500HB-21	1562050
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562368
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791
3462618004	Trip Blank	N/A	N/A	N/A		SW846 8260B	1562295
3462618005	CWMP017S	N/A	N/A	N/A		Field	
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562295
		N/A	N/A	N/A		EPA 300.0	1562052
		N/A	N/A	N/A		EPA 300.0	1562154
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562062
		N/A	N/A	N/A		SM2130B-20	1562016
		N/A	N/A	N/A		SM2320B-21	1562050
		N/A	N/A	N/A		SM2540C-15	1562197
		N/A	N/A	N/A		SM4500HB-21	1562050
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562368
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791
3462618006	Trip Blank	N/A	N/A	N/A		SW846 8260B	1562295
3462618007	CWMP016W	N/A	N/A	N/A		Field	1562654
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562295
		N/A	N/A	N/A		EPA 300.0	1562052
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562062
		N/A	N/A	N/A		SM2130B-20	1562016
		N/A	N/A	N/A		SM2320B-21	1562050
		N/A	N/A	N/A		SM2540C-15	1562197
		N/A	N/A	N/A		SM4500HB-21	1562050
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562368
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791
3462618008	Trip Blank	N/A	N/A	N/A		SW846 8260B	1562295

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.

RAB 7/14/26

COC #: 3462618 Logged By: MZP 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/#: Creswell/GWMP Form 19Q

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	~~AG~~ AG	CG	P	P			P	P	CG
	Container Size	40ml	125ml	~~40ml~~ 40ml	500ml	250ml			250ml	125ml	40ml
	Preservative	HCL	H2SO4	~~UNP~~ HCl	UNP	UNP			H2SO4	HNO3	HCl
	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	8260 VOCs - Form 19Q	pH, CL, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, HCO3	FM	Sample Debth for AUX Data	NH3-N, COD	Total Metals Ca, Fe, Mn, Mg, K, Na	8260 Trip Blank RAB 7/14/26
							Enter Number of Containers Per Sample or Field Results Below.									
1	CWMP012W	7/14/26	12:12		G	GW	2	1	3	1	1	x	x	1	2	
2	CWMP018S	7/14/26	12:37		G	GW	2	1	3	1	1	x	x	1	2	
3	CWMP017S	7/14/26	13:20		G	GW	2	1	3	1	1	x	x	1	2	
4	CWMP016W	7/14/26	12:49		G	GW	2	1	3	1	1	X	X	1	2	
5																
6																
7																
8																
9																
10																

Temp Taken By: RAB 2°C

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

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

NJ ≤ 4 days? Y N

Courier/Tracking #

Deviations? NO YES

If YES, list below:

Client contact:

Date/Tech:

Sample(s) for Radiation testing? Y N

Reportable SDWA Sample(s)? Y N

SDWA State of Origin?_____

PWSID #__

Rad Screen (uCi)_____

New Source? Y N

New Source Contact:

PWS Contact:_____ PWS Phone #:_____

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

Sample/COC Remarks

Sampling Hours

Contains Short Hold Testing YES NO

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

Circle Sample Collector: ALS Tech / Client

Name: EP ID:

Comments:

Date:	Time		Relinquished By / Company Name		Received By / Company Name
7/14/2026	15:15	1	ALS EP	2	RAB 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: CCSWMA Workorder: 34627618

Temp °C: 9°C Therm ID: 352 Ice? (Y) N N/A Initials & Date: RAB 7/14/26

Fedex UPS Client (ALS) Other Tracking #: N/A

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

[1] *If No, provide comment*

Rad Screen (uCi): ~

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

Review Comments:

7/25/2026 11:22 PM

Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 www.alsglobal.com
Associated Site: 2550 Boulevard of the Generals, Suite 290 | West Norriton, PA 19403 | Phone: 717-982-8315

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

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

Project Creswell/GWMP Form 19Q
Workorder 3462507
Report ID 522974 on 7/31/2026

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Jul 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
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
3462507001	CWMP007W	Ground Water	07/13/2026 08:44	07/13/2026 16:30	EMP	ALS Environmental-Middletown
3462507002	CWMP008W	Ground Water	07/13/2026 09:13	07/13/2026 16:30	EMP	ALS Environmental-Middletown
3462507003	CWMP001W	Ground Water	07/13/2026 09:34	07/13/2026 16:30	EMP	ALS Environmental-Middletown
3462507004	CWMP009W	Ground Water	07/13/2026 10:21	07/13/2026 16:30	EMP	ALS Environmental-Middletown
3462507005	CWMP010W	Ground Water	07/13/2026 11:31	07/13/2026 16:30	EMP	ALS Environmental-Middletown
3462507006	CWMP002W	Ground Water	07/13/2026 12:49	07/13/2026 16:30	EMP	ALS Environmental-Middletown
3462507007	CWMP003W	Ground Water	07/13/2026 13:28	07/13/2026 16:30	EMP	ALS Environmental-Middletown
3462507008	CWMP005W	Ground Water	07/13/2026 15:00	07/13/2026 16:30	EMP	ALS Environmental-Middletown
3462507009	CWMP004W	Ground Water	07/13/2026 15:15	07/13/2026 16:30	EMP	ALS Environmental-Middletown
3462507010	Field Blank	Ground Water	07/13/2026 00:00	07/13/2026 16:30	EMP	ALS Environmental-Middletown
3462507011	Trip Blank	Ground Water	07/13/2026 00:00	07/13/2026 16:30	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 QC sample type MS for method EPA 300.0 was outside the control limits for the analyte Chloride. The % Recovery was reported as 72.9 and the control limits were 80 to 120.
3	The QC sample type MSD for method EPA 300.0 was outside the control limits for the analyte Chloride. The % Recovery was reported as 76.1 and the control limits were 80 to 120.
4	The QC sample type MSD for method EPA 300.0 was outside the control limits for the analyte Nitrate-N. The % Recovery was reported as 68.6 and the control limits were 80 to 120.
5	The QC sample type MS for method EPA 300.0 was outside the control limits for the analyte Nitrate-N. The % Recovery was reported as 65 and the control limits were 80 to 120.
6	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.
7	The QC type CRDL for method SW846 6010B was outside the control limits for the analyte Manganese. The % RSD was reported as 26.62 and the control limits were 0 to 20. MSY 7/23/26
8	The QC sample type MS for method EPA 350.1 was outside the control limits for the analyte Ammonia-N, Low Level. The % Recovery was reported as 70.9 and the control limits were 80 to 120.
9	The QC sample type MS for method EPA 300.0 was outside the control limits for the analyte Nitrate-N. The % Recovery was reported as 48.5 and the control limits were 80 to 120.
10	The QC sample type MSD for method EPA 300.0 was outside the control limits for the analyte Nitrate-N. The % Recovery was reported as 52.8 and the control limits were 80 to 120.

Detected Results Summary

Client Sample ID	CWMP007W	Collected	07/13/2026 08:44
Lab Sample ID	3462507001	Lab Receipt	07/13/2026 16:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	8.55	Feet		Field	#
Dissolved Oxygen	5.34	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	453.40	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	444.85	ft/MSL		Field	#
Oxidation-Reduction Potential	198	mV		Field	#
pH, Field (SM4500B)	5.22	pH_Units		Field	#
Sample Depth	33.00	Feet		Field	#
Specific Conductance, Field	379	umhos/cm	1	Field	#
Temperature	13.01	Deg. C		Field	#
Total Well Depth	36.50	Feet		Field	#
Volume in Water Column	41.09	Gallons		Field	#
Water Level After Purge	9.05	Feet		Field	#
Well Volumes Purged	0.04	Vol		Field	#
METALS					
Calcium, Total	20.3	mg/L	0.11	SW846 6010C	#
Magnesium, Total	10.4	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.0078	mg/L	0.0056	SW846 6010C	#
Potassium, Total	2.5	mg/L	0.56	SW846 6010C	#
Sodium, Total	37.8	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	10	mg/L	5	SM2320B-21	#
Alkalinity, Total	10	mg/L	5	SM2320B-21	#
Chloride	73.7	mg/L	0.50	EPA 300.0	#
Nitrate-N	9.5	mg/L	0.050	EPA 300.0	#
pH	5.70	pH_Units		SM4500HB-21	#
Specific Conductance	410	umhos/cm	5	SW846 9050A	#
Sulfate	17.8	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	272	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.56	mg/L	0.50	SW846 9060A	#
Turbidity	2.0	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	CWMP008W	Collected	07/13/2026 09:13
Lab Sample ID	3462507002	Lab Receipt	07/13/2026 16:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	3.20	Feet		Field	#
Dissolved Oxygen	0.19	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	422.30	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	419.10	ft/MSL		Field	#
Oxidation-Reduction Potential	-44	mV		Field	#
pH, Field (SM4500B)	6.10	pH_Units		Field	#
Sample Depth	22.00	Feet		Field	#
Specific Conductance, Field	727	umhos/cm	1	Field	#
Temperature	15.15	Deg. C		Field	#
Total Well Depth	22.80	Feet		Field	#
Volume in Water Column	3.14	Gallons		Field	#
Water Level After Purge	3.20	Feet		Field	#
Well Volumes Purged	0.06	Vol		Field	#
METALS					
Calcium, Total	62.5	mg/L	0.11	SW846 6010C	#
Iron, Total	19.9	mg/L	0.067	SW846 6010C	#
Magnesium, Total	29.6	mg/L	0.11	SW846 6010C	#
Manganese, Total	13.4	mg/L	0.0056	SW846 6010C	#
Potassium, Total	8.6	mg/L	0.56	SW846 6010C	#
Sodium, Total	43.9	mg/L	0.56	SW846 6010C	#
VOLATILE ORGANICS					
1,1-Dichloroethane	1.7	ug/L	1.0	SW846 8260B	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	371	mg/L	5	SM2320B-21	#
Alkalinity, Total	371	mg/L	5	SM2320B-21	#
Ammonia-N, Low Level	5.68	mg/L	0.50	S4500NH3G-21	#
Chemical Oxygen Demand (COD)	26	mg/L	15	EPA 410.4	#
Chloride	40.1	mg/L	0.50	EPA 300.0	#
pH	6.41	pH_Units		SM4500HB-21	#
Specific Conductance	789	umhos/cm	5	SW846 9050A	#
Sulfate	5.2	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	434	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	9.2	mg/L	1.0	SW846 9060A	#
Turbidity	5.9	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	CWMP001W	Collected	07/13/2026 09:34
Lab Sample ID	3462507003	Lab Receipt	07/13/2026 16:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	34.18	Feet		Field	#
Dissolved Oxygen	8.41	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	515.13	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	480.95	ft/MSL		Field	#
Oxidation-Reduction Potential	224	mV		Field	#
pH, Field (SM4500B)	4.79	pH_Units		Field	#
Sample Depth	57.00	Feet		Field	#
Specific Conductance, Field	243	umhos/cm	1	Field	#
Temperature	13.87	Deg. C		Field	#
Total Well Depth	66.30	Feet		Field	#
Volume in Water Column	47.22	Gallons		Field	#
Water Level After Purge	42.30	Feet		Field	#
Well Volumes Purged	0.03	Vol		Field	#
METALS					
Calcium, Total	14.8	mg/L	0.11	SW846 6010C	#
Iron, Total	0.096	mg/L	0.067	SW846 6010C	#
Magnesium, Total	10.3	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.064	mg/L	0.0056	SW846 6010C	#
Potassium, Total	2.7	mg/L	0.56	SW846 6010C	#
Sodium, Total	13.8	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Chloride	25.9	mg/L	0.50	EPA 300.0	#
Nitrate-N	16.6	mg/L	0.050	EPA 300.0	#
pH	5.56	pH_Units		SM4500HB-21	#
Specific Conductance	257	umhos/cm	5	SW846 9050A	#
Sulfate	2.6	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	204	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.57	mg/L	0.50	SW846 9060A	#
Turbidity	3.3	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	CWMP009W	Collected	07/13/2026 10:21
Lab Sample ID	3462507004	Lab Receipt	07/13/2026 16:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	8.85	Feet		Field	#
Dissolved Oxygen	0.10	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	404.20	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	395.35	ft/MSL		Field	#
Oxidation-Reduction Potential	-60	mV		Field	#
pH, Field (SM4500B)	6.04	pH_Units		Field	#
Sample Depth	16.00	Feet		Field	#
Specific Conductance, Field	2863	umhos/cm	1	Field	#
Temperature	14.76	Deg. C		Field	#
Total Well Depth	19.70	Feet		Field	#
Volume in Water Column	7.05	Gallons		Field	#
Water Level After Purge	9.12	Feet		Field	#
Well Volumes Purged	0.30	Vol		Field	#
METALS					
Calcium, Total	206	mg/L	0.11	SW846 6010C	#
Iron, Total	39.1	mg/L	0.067	SW846 6010C	#
Magnesium, Total	97.2	mg/L	0.11	SW846 6010C	#
Manganese, Total	13.8	mg/L	0.0056	SW846 6010C	#
Potassium, Total	35.5	mg/L	0.56	SW846 6010C	#
Sodium, Total	249	mg/L	0.56	SW846 6010C	#
VOLATILE ORGANICS					
1,1-Dichloroethane	1.1	ug/L	1.0	SW846 8260B	#
Benzene	2.0	ug/L	1.0	SW846 8260B	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	534	mg/L	50	SM2320B-21	#
Alkalinity, Total	534	mg/L	50	SM2320B-21	#
Ammonia-N, Low Level	25.6	mg/L	2.50	S4500NH3G-21	#
Chemical Oxygen Demand (COD)	119	mg/L	15	EPA 410.4	#
Chloride	746	mg/L	2.5	EPA 300.0	#
pH	6.33	pH_Units		SM4500HB-21	#
Specific Conductance	3360	umhos/cm	5	SW846 9050A	#
Sulfate	7.0	mg/L	1.3	EPA 300.0	#
Total Dissolved Solids	2020	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	45.1	mg/L	5.0	SW846 9060A	#
Turbidity	21	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	CWMP010W	Collected	07/13/2026 11:31
Lab Sample ID	3462507005	Lab Receipt	07/13/2026 16:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	8.75	Feet		Field	#
Dissolved Oxygen	5.28	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	360.90	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	352.15	ft/MSL		Field	#
Oxidation-Reduction Potential	123	mV		Field	#
pH, Field (SM4500B)	6.84	pH_Units		Field	#
Sample Depth	18.00	Feet		Field	#
Specific Conductance, Field	1317	umhos/cm	1	Field	#
Temperature	15.14	Deg. C		Field	#
Total Well Depth	19.60	Feet		Field	#
Volume in Water Column	7.05	Gallons		Field	#
Water Level After Purge	1042.00	Feet		Field	#
Well Volumes Purged	0.02	Vol		Field	#
METALS					
Calcium, Total	56.8	mg/L	0.11	SW846 6010C	#
Magnesium, Total	48.7	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.073	mg/L	0.0056	SW846 6010C	#
Potassium, Total	12.3	mg/L	0.56	SW846 6010C	#
Sodium, Total	168	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	240	mg/L	5	SM2320B-21	#
Alkalinity, Total	240	mg/L	5	SM2320B-21	#
Chemical Oxygen Demand (COD)	15	mg/L	15	EPA 410.4	#
Chloride	280	mg/L	1.3	EPA 300.0	#
Nitrate-N	9.7	mg/L	0.13	EPA 300.0	#
pH	7.22	pH_Units		SM4500HB-21	#
Specific Conductance	1510	umhos/cm	5	SW846 9050A	#
Sulfate	33.1	mg/L	1.3	EPA 300.0	#
Total Dissolved Solids	842	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	3.6	mg/L	0.50	SW846 9060A	#
Turbidity	1.6	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	CWMP002W	Collected	07/13/2026 12:49
Lab Sample ID	3462507006	Lab Receipt	07/13/2026 16:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	44.86	Feet		Field	#
Dissolved Oxygen	1.03	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	525.81	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	480.95	ft/MSL		Field	#
Oxidation-Reduction Potential	176	mV		Field	#
pH, Field (SM4500B)	5.57	pH_Units		Field	#
Sample Depth	85.00	Feet		Field	#
Specific Conductance, Field	440	umhos/cm	1	Field	#
Temperature	14.09	Deg. C		Field	#
Total Well Depth	100.00	Feet		Field	#
Volume in Water Column	81.06	Gallons		Field	#
Water Level After Purge	46.95	Feet		Field	#
Well Volumes Purged	0.04	Vol		Field	#
METALS					
Calcium, Total	41.7	mg/L	0.11	SW846 6010C	#
Iron, Total	0.068	mg/L	0.067	SW846 6010C	#
Magnesium, Total	16.0	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.74	mg/L	0.0056	SW846 6010C	#
Potassium, Total	3.1	mg/L	0.56	SW846 6010C	#
Sodium, Total	27.1	mg/L	0.56	SW846 6010C	#
VOLATILE ORGANICS					
1,1-Dichloroethane	3.8	ug/L	1.0	SW846 8260B	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	68	mg/L	5	SM2320B-21	#
Alkalinity, Total	68	mg/L	5	SM2320B-21	#
Chloride	83.3	mg/L	0.50	EPA 300.0	#
Nitrate-N	6.3	mg/L	0.050	EPA 300.0	#
pH	6.09	pH_Units		SM4500HB-21	#
Specific Conductance	503	umhos/cm	5	SW846 9050A	#
Sulfate	18.2	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	360	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	2.3	mg/L	0.50	SW846 9060A	#
Turbidity	1.4	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	CWMP003W	Collected	07/13/2026 13:28
Lab Sample ID	3462507007	Lab Receipt	07/13/2026 16:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	55.43	Feet		Field	#
Dissolved Oxygen	4.68	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	524.21	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	468.78	ft/MSL		Field	#
Oxidation-Reduction Potential	310	mV		Field	#
pH, Field (SM4500B)	5.50	pH_Units		Field	#
Sample Depth	100.00	Feet		Field	#
Specific Conductance, Field	249	umhos/cm	1	Field	#
Temperature	14.46	Deg. C		Field	#
Total Well Depth	140.00	Feet		Field	#
Volume in Water Column	124.32	Gallons		Field	#
Water Level After Purge	74.62	Feet		Field	#
Well Volumes Purged	0.03	Vol		Field	#
METALS					
Calcium, Total	16.5	mg/L	0.11	SW846 6010C	#
Magnesium, Total	7.4	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.067	mg/L	0.0056	SW846 6010C	#
Potassium, Total	2.4	mg/L	0.56	SW846 6010C	#
Sodium, Total	20.1	mg/L	0.56	SW846 6010C	#
VOLATILE ORGANICS					
1,1-Dichloroethane	1.0	ug/L	1.0	SW846 8260B	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	17	mg/L	5	SM2320B-21	#
Alkalinity, Total	17	mg/L	5	SM2320B-21	#
Chloride	47.3	mg/L	0.50	EPA 300.0	#
Nitrate-N	5.7	mg/L	0.050	EPA 300.0	#
pH	5.90	pH_Units		SM4500HB-21	#
Specific Conductance	268	umhos/cm	5	SW846 9050A	#
Sulfate	10.9	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	203	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.96	mg/L	0.50	SW846 9060A	#
Turbidity	2.4	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	CWMP005W	Collected	07/13/2026 15:00
Lab Sample ID	3462507008	Lab Receipt	07/13/2026 16:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	46.70	Feet		Field	#
Dissolved Oxygen	6.27	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	513.43	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	466.73	ft/MSL		Field	#
Oxidation-Reduction Potential	219	mV		Field	#
pH, Field (SM4500B)	5.21	pH_Units		Field	#
Sample Depth	130.00	Feet		Field	#
Specific Conductance, Field	351	umhos/cm	1	Field	#
Temperature	13.43	Deg. C		Field	#
Total Well Depth	138.92	Feet		Field	#
Turbidity, Field	2	NTU	1	Field	#
Volume in Water Column	135.56	Gallons		Field	#
Water Level After Purge	47.37	Feet		Field	#
Well Volumes Purged	0.02	Vol		Field	#
METALS					
Calcium, Total	18.4	mg/L	0.11	SW846 6010C	#
Magnesium, Total	8.8	mg/L	0.11	SW846 6010C	#
Manganese, Total	0.054	mg/L	0.0056	SW846 6010C	#
Potassium, Total	2.5	mg/L	0.56	SW846 6010C	#
Sodium, Total	40.6	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	17	mg/L	5	SM2320B-21	#
Alkalinity, Total	17	mg/L	5	SM2320B-21	#
Chloride	82.9	mg/L	0.50	EPA 300.0	#
Nitrate-N	7.2	mg/L	0.050	EPA 300.0	#
pH	5.86	pH_Units		SM4500HB-21	#
Specific Conductance	396	umhos/cm	5	SW846 9050A	#
Sulfate	6.8	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	288	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.88	mg/L	0.50	SW846 9060A	#
Turbidity	3.7	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	CWMP004W	Collected	07/13/2026 15:15
Lab Sample ID	3462507009	Lab Receipt	07/13/2026 16:30

Compound	Result	Units	RDL	Method	Flag
FIELD PARAMETERS					
Depth to Water Level	53.10	Feet		Field	#
Dissolved Oxygen	7.68	mg/L	0.01	Field	#
Elev Top MW Casing above MSL	529.53	Feet		Field	#
Flow Rate	0.07	gal/min		Field	#
Ground Water Elevation	476.43	ft/MSL		Field	#
Oxidation-Reduction Potential	261	mV		Field	#
pH, Field (SM4500B)	5.63	pH_Units		Field	#
Sample Depth	130.00	Feet		Field	#
Specific Conductance, Field	219	umhos/cm	1	Field	#
Temperature	14.90	Deg. C		Field	#
Total Well Depth	140.00	Feet		Field	#
Volume in Water Column	127.74	Gallons		Field	#
Water Level After Purge	56.42	Feet		Field	#
Well Volumes Purged	0.05	Vol		Field	#
METALS					
Calcium, Total	16.4	mg/L	0.11	SW846 6010C	#
Iron, Total	0.18	mg/L	0.067	SW846 6010C	#
Magnesium, Total	5.5	mg/L	0.11	SW846 6010C	#
Potassium, Total	1.4	mg/L	0.56	SW846 6010C	#
Sodium, Total	18.4	mg/L	0.56	SW846 6010C	#
WET CHEMISTRY					
Alkalinity, Bicarbonate	19	mg/L	5	SM2320B-21	#
Alkalinity, Total	19	mg/L	5	SM2320B-21	#
Chloride	43.2	mg/L	0.50	EPA 300.0	#
Nitrate-N	5.3	mg/L	0.050	EPA 300.0	#
pH	6.17	pH_Units		SM4500HB-21	#
Specific Conductance	238	umhos/cm	5	SW846 9050A	#
Sulfate	4.4	mg/L	0.50	EPA 300.0	#
Total Dissolved Solids	187	mg/L	25	SM2540C-15	#
Total Organic Carbon (TOC)	0.69	mg/L	0.50	SW846 9060A	#
Turbidity	2.2	NTU	0.30	SM2130B-20	#

Detected Results Summary

Client Sample ID	Field Blank	Collected	07/13/2026 00:00
Lab Sample ID	3462507010	Lab Receipt	07/13/2026 16:30

Compound	Result	Units	RDL	Method	Flag
VOLATILE ORGANICS					
Methylene Chloride	1.2	ug/L	1.0	SW846 8260B	#
WET CHEMISTRY					
pH	6.06	pH_Units		SM4500HB-21	#

Results

Client Sample ID	CWMP007W	Collected	07/13/2026 08:44
Lab Sample ID	3462507001	Lab Receipt	07/13/2026 16:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	8.55		Feet		Field	1	07/13/2026 08:44	EMP	D
Dissolved Oxygen	5.34		mg/L	0.01	Field	1	07/13/2026 08:44	EMP	D
Elev Top MW Casing above MSL	453.40		Feet		Field	1	07/13/2026 08:44	EMP	D
Flow Rate	0.07		gal/min		Field	1	07/13/2026 08:44	EMP	D
Ground Water Elevation	444.85		ft/MSL		Field	1	07/13/2026 08:44	EMP	D
Oxidation-Reduction Potential	198		mV		Field	1	07/13/2026 08:44	EMP	D
pH, Field (SM4500B)	5.22		pH_Units		Field	1	07/13/2026 08:44	EMP	D
Sample Depth	33.00		Feet		Field	1	07/13/2026 08:44	EMP	D
Specific Conductance, Field	379		umhos/cm	1	Field	1	07/13/2026 08:44	EMP	D
Temperature	13.01		Deg. C		Field	1	07/13/2026 08:44	EMP	D
Total Well Depth	36.50		Feet		Field	1	07/13/2026 08:44	EMP	D
Turbidity, Field	ND	ND	NTU	1	Field	1	07/13/2026 08:44	EMP	D
Volume in Water Column	41.09		Gallons		Field	1	07/13/2026 08:44	EMP	D
Water Level After Purge	9.05		Feet		Field	1	07/13/2026 08:44	EMP	D
Well Volumes Purged	0.04		Vol		Field	1	07/13/2026 08:44	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	20.3		mg/L	0.11	SW846 6010C	1	07/23/2026 10:04	MSY	K1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	07/23/2026 10:04	MSY	K1
Magnesium, Total	10.4		mg/L	0.11	SW846 6010C	1	07/23/2026 10:04	MSY	K1
Manganese, Total	0.0078	7	mg/L	0.0056	SW846 6010C	1	07/23/2026 10:04	MSY	K1
Potassium, Total	2.5		mg/L	0.56	SW846 6010C	1	07/23/2026 10:04	MSY	K1
Sodium, Total	37.8		mg/L	0.56	SW846 6010C	1	07/23/2026 10:04	MSY	K1

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	07/15/2026 16:47	TMP	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 16:47	TMP	H

Results

Client Sample ID	CWMP007W	Collected	07/13/2026 08:44
Lab Sample ID	3462507001	Lab Receipt	07/13/2026 16:30

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	105%	62 – 133	07/15/2026 16:47	
4-Bromofluorobenzene	460-00-4	100%	79 – 114	07/15/2026 16:47	
Dibromofluoromethane	1868-53-7	90.8%	78 – 116	07/15/2026 16:47	
Toluene-d8	2037-26-5	107%	76 – 127	07/15/2026 16:47	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	10		mg/L	5	SM2320B-21	1	07/14/2026 10:34	CMO	B
Alkalinity, Total	10	1	mg/L	5	SM2320B-21	1	07/14/2026 10:34	CMO	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	07/16/2026 18:58	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	73.7	2,3	mg/L	0.50	EPA 300.0	2	07/14/2026 09:39	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	07/14/2026 09:39	J1W	B
Nitrate-N	9.5	4,5	mg/L	0.050	EPA 300.0	2	07/14/2026 09:39	J1W	B
pH	5.70	6	pH_Units		SM4500HB-21	1	07/14/2026 10:34	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/30/2026 14:25	ZEB	G
Specific Conductance	410		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	17.8		mg/L	0.50	EPA 300.0	2	07/14/2026 09:39	J1W	B
Total Dissolved Solids	272		mg/L	25	SM2540C-15	1	07/15/2026 17:30	RAG	B
Total Organic Carbon (TOC)	0.56		mg/L	0.50	SW846 9060A	1	07/16/2026 01:05	PAG	E
Turbidity	2.0		NTU	0.30	SM2130B-20	1	07/14/2026 09:10	AOO	B

Results

Client Sample ID	CWMP008W	Collected	07/13/2026 09:13
Lab Sample ID	3462507002	Lab Receipt	07/13/2026 16:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	3.20		Feet		Field	1	07/13/2026 09:23	SM	D
Dissolved Oxygen	0.19		mg/L	0.01	Field	1	07/13/2026 09:23	SM	D
Elev Top MW Casing above MSL	422.30		Feet		Field	1	07/13/2026 09:23	SM	D
Flow Rate	0.07		gal/min		Field	1	07/13/2026 09:23	SM	D
Ground Water Elevation	419.10		ft/MSL		Field	1	07/13/2026 09:23	SM	D
Oxidation-Reduction Potential	-44		mV		Field	1	07/13/2026 09:23	SM	D
pH, Field (SM4500B)	6.10		pH_Units		Field	1	07/13/2026 09:23	SM	D
Sample Depth	22.00		Feet		Field	1	07/13/2026 09:23	SM	D
Specific Conductance, Field	727		umhos/cm	1	Field	1	07/13/2026 09:23	SM	D
Temperature	15.15		Deg. C		Field	1	07/13/2026 09:23	SM	D
Total Well Depth	22.80		Feet		Field	1	07/13/2026 09:23	SM	D
Turbidity, Field	ND	ND	NTU	1	Field	1	07/13/2026 09:23	SM	D
Volume in Water Column	3.14		Gallons		Field	1	07/13/2026 09:23	SM	D
Water Level After Purge	3.20		Feet		Field	1	07/13/2026 09:23	SM	D
Well Volumes Purged	0.06		Vol		Field	1	07/13/2026 09:23	SM	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	62.5		mg/L	0.11	SW846 6010C	1	07/23/2026 09:51	MSY	K1
Iron, Total	19.9		mg/L	0.067	SW846 6010C	1	07/23/2026 09:51	MSY	K1
Magnesium, Total	29.6		mg/L	0.11	SW846 6010C	1	07/23/2026 09:51	MSY	K1
Manganese, Total	13.4	7	mg/L	0.0056	SW846 6010C	1	07/23/2026 09:51	MSY	K1
Potassium, Total	8.6		mg/L	0.56	SW846 6010C	1	07/23/2026 09:51	MSY	K1
Sodium, Total	43.9		mg/L	0.56	SW846 6010C	1	07/23/2026 09:51	MSY	K1

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	07/15/2026 17:09	TMP	H
1,1-Dichloroethane	1.7		ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:09	TMP	H

Results

Client Sample ID	CWMP008W	Collected	07/13/2026 09:13
Lab Sample ID	3462507002	Lab Receipt	07/13/2026 16:30

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	115%	62 – 133	07/15/2026 17:09	
4-Bromofluorobenzene	460-00-4	108%	79 – 114	07/15/2026 17:09	
Dibromofluoromethane	1868-53-7	96.8%	78 – 116	07/15/2026 17:09	
Toluene-d8	2037-26-5	108%	76 – 127	07/15/2026 17:09	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	371		mg/L	5	SM2320B-21	1	07/14/2026 10:50	CMO	B
Alkalinity, Total	371	1	mg/L	5	SM2320B-21	1	07/14/2026 10:50	CMO	B
Ammonia-N, Low Level	5.68		mg/L	0.50	S4500NH3G-21	5	07/21/2026 14:23	AYS	A
Chemical Oxygen Demand (COD)	26		mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	40.1		mg/L	0.50	EPA 300.0	2	07/14/2026 12:40	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	07/14/2026 12:40	J1W	B
Nitrate-N	ND	ND	mg/L	0.050	EPA 300.0	2	07/14/2026 12:40	J1W	B
pH	6.41	6	pH_Units		SM4500HB-21	1	07/14/2026 10:50	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 14:15	DJH	G
Specific Conductance	789		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	5.2		mg/L	0.50	EPA 300.0	2	07/14/2026 12:40	J1W	B
Total Dissolved Solids	434		mg/L	25	SM2540C-15	1	07/15/2026 17:30	RAG	B
Total Organic Carbon (TOC)	9.2		mg/L	1.0	SW846 9060A	2	07/16/2026 01:05	PAG	E
Turbidity	5.9		NTU	0.30	SM2130B-20	1	07/14/2026 09:10	AOO	B

Results

Client Sample ID	CWMP001W	Collected	07/13/2026 09:34
Lab Sample ID	3462507003	Lab Receipt	07/13/2026 16:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	34.18		Feet		Field	1	07/13/2026 09:34	EMP	D
Dissolved Oxygen	8.41		mg/L	0.01	Field	1	07/13/2026 09:34	EMP	D
Elev Top MW Casing above MSL	515.13		Feet		Field	1	07/13/2026 09:34	EMP	D
Flow Rate	0.07		gal/min		Field	1	07/13/2026 09:34	EMP	D
Ground Water Elevation	480.95		ft/MSL		Field	1	07/13/2026 09:34	EMP	D
Oxidation-Reduction Potential	224		mV		Field	1	07/13/2026 09:34	EMP	D
pH, Field (SM4500B)	4.79		pH_Units		Field	1	07/13/2026 09:34	EMP	D
Sample Depth	57.00		Feet		Field	1	07/13/2026 09:34	EMP	D
Specific Conductance, Field	243		umhos/cm	1	Field	1	07/13/2026 09:34	EMP	D
Temperature	13.87		Deg. C		Field	1	07/13/2026 09:34	EMP	D
Total Well Depth	66.30		Feet		Field	1	07/13/2026 09:34	EMP	D
Turbidity, Field	ND	ND	NTU	1	Field	1	07/13/2026 09:34	EMP	D
Volume in Water Column	47.22		Gallons		Field	1	07/13/2026 09:34	EMP	D
Water Level After Purge	42.30		Feet		Field	1	07/13/2026 09:34	EMP	D
Well Volumes Purged	0.03		Vol		Field	1	07/13/2026 09:34	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	14.8		mg/L	0.11	SW846 6010C	1	07/23/2026 09:42	MSY	K1
Iron, Total	0.096		mg/L	0.067	SW846 6010C	1	07/23/2026 09:42	MSY	K1
Magnesium, Total	10.3		mg/L	0.11	SW846 6010C	1	07/23/2026 09:42	MSY	K1
Manganese, Total	0.064	7	mg/L	0.0056	SW846 6010C	1	07/23/2026 09:42	MSY	K1
Potassium, Total	2.7		mg/L	0.56	SW846 6010C	1	07/23/2026 09:42	MSY	K1
Sodium, Total	13.8		mg/L	0.56	SW846 6010C	1	07/23/2026 09:42	MSY	K1

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	07/15/2026 17:55	TMP	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 17:55	TMP	H

Results

Client Sample ID	CWMP001W	Collected	07/13/2026 09:34
Lab Sample ID	3462507003	Lab Receipt	07/13/2026 16:30

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	107%	62 – 133	07/15/2026 17:55	
4-Bromofluorobenzene	460-00-4	103%	79 – 114	07/15/2026 17:55	
Dibromofluoromethane	1868-53-7	94.1%	78 – 116	07/15/2026 17:55	
Toluene-d8	2037-26-5	104%	76 – 127	07/15/2026 17:55	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	ND	ND	mg/L	5	SM2320B-21	1	07/14/2026 11:02	CMO	B
Alkalinity, Total	ND	ND,1	mg/L	5	SM2320B-21	1	07/14/2026 11:02	CMO	B
Ammonia-N, Low Level	ND	ND,8	mg/L	0.10	S4500NH3G-21	1	07/16/2026 19:24	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	25.9		mg/L	0.50	EPA 300.0	2	07/14/2026 15:29	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	07/14/2026 15:29	J1W	B
Nitrate-N	16.6	9,10	mg/L	0.050	EPA 300.0	2	07/14/2026 15:29	J1W	B
pH	5.56	6	pH_Units		SM4500HB-21	1	07/14/2026 11:02	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 14:18	DJH	G
Specific Conductance	257		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	2.6		mg/L	0.50	EPA 300.0	2	07/14/2026 15:29	J1W	B
Total Dissolved Solids	204		mg/L	25	SM2540C-15	1	07/15/2026 17:30	RAG	B
Total Organic Carbon (TOC)	0.57		mg/L	0.50	SW846 9060A	1	07/16/2026 01:05	PAG	E
Turbidity	3.3		NTU	0.30	SM2130B-20	1	07/14/2026 09:10	AOO	B

Results

Client Sample ID	CWMP009W	Collected	07/13/2026 10:21
Lab Sample ID	3462507004	Lab Receipt	07/13/2026 16:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	8.85		Feet		Field	1	07/13/2026 10:42	SM	D
Dissolved Oxygen	0.10		mg/L	0.01	Field	1	07/13/2026 10:42	SM	D
Elev Top MW Casing above MSL	404.20		Feet		Field	1	07/13/2026 10:42	SM	D
Flow Rate	0.07		gal/min		Field	1	07/13/2026 10:42	SM	D
Ground Water Elevation	395.35		ft/MSL		Field	1	07/13/2026 10:42	SM	D
Oxidation-Reduction Potential	-60		mV		Field	1	07/13/2026 10:42	SM	D
pH, Field (SM4500B)	6.04		pH_Units		Field	1	07/13/2026 10:42	SM	D
Sample Depth	16.00		Feet		Field	1	07/13/2026 10:42	SM	D
Specific Conductance, Field	2863		umhos/cm	1	Field	1	07/13/2026 10:42	SM	D
Temperature	14.76		Deg. C		Field	1	07/13/2026 10:42	SM	D
Total Well Depth	19.70		Feet		Field	1	07/13/2026 10:42	SM	D
Turbidity, Field	ND	ND	NTU	1	Field	1	07/13/2026 10:42	SM	D
Volume in Water Column	7.05		Gallons		Field	1	07/13/2026 10:42	SM	D
Water Level After Purge	9.12		Feet		Field	1	07/13/2026 10:42	SM	D
Well Volumes Purged	0.30		Vol		Field	1	07/13/2026 10:42	SM	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	206		mg/L	0.11	SW846 6010C	1	07/23/2026 10:02	MSY	K1
Iron, Total	39.1		mg/L	0.067	SW846 6010C	1	07/23/2026 10:02	MSY	K1
Magnesium, Total	97.2		mg/L	0.11	SW846 6010C	1	07/23/2026 10:02	MSY	K1
Manganese, Total	13.8	7	mg/L	0.0056	SW846 6010C	1	07/23/2026 10:02	MSY	K1
Potassium, Total	35.5		mg/L	0.56	SW846 6010C	1	07/23/2026 10:02	MSY	K1
Sodium, Total	249		mg/L	0.56	SW846 6010C	1	07/23/2026 10:02	MSY	K1

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	07/15/2026 18:17	TMP	H
1,1-Dichloroethane	1.1		ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
Benzene	2.0		ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:17	TMP	H

Results

Client Sample ID	CWMP009W	Collected	07/13/2026 10:21
Lab Sample ID	3462507004	Lab Receipt	07/13/2026 16:30

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	101%	62 – 133	07/15/2026 18:17	
4-Bromofluorobenzene	460-00-4	99.3%	79 – 114	07/15/2026 18:17	
Dibromofluoromethane	1868-53-7	86.7%	78 – 116	07/15/2026 18:17	
Toluene-d8	2037-26-5	96.6%	76 – 127	07/15/2026 18:17	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	534		mg/L	50	SM2320B-21	10	07/15/2026 12:16	CMO	B
Alkalinity, Total	534	1	mg/L	50	SM2320B-21	10	07/15/2026 12:16	CMO	B
Ammonia-N, Low Level	25.6		mg/L	2.50	S4500NH3G-21	25	07/22/2026 00:50	AYS	A
Chemical Oxygen Demand (COD)	119		mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	746		mg/L	2.5	EPA 300.0	10	07/15/2026 17:27	J1W	B
Fluoride	ND	ND	mg/L	0.50	EPA 300.0	5	07/14/2026 17:51	J1W	B
Nitrate-N	ND	ND	mg/L	0.13	EPA 300.0	5	07/14/2026 17:51	J1W	B
pH	6.33	6	pH_Units		SM4500HB-21	1	07/14/2026 11:18	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 14:21	DJH	G
Specific Conductance	3360		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	7.0		mg/L	1.3	EPA 300.0	5	07/14/2026 17:51	J1W	B
Total Dissolved Solids	2020		mg/L	25	SM2540C-15	1	07/16/2026 16:00	RAG	B
Total Organic Carbon (TOC)	45.1		mg/L	5.0	SW846 9060A	10	07/16/2026 01:05	PAG	E
Turbidity	21		NTU	0.30	SM2130B-20	1	07/14/2026 09:10	AOO	B

Results

Client Sample ID	CWMP010W	Collected	07/13/2026 11:31
Lab Sample ID	3462507005	Lab Receipt	07/13/2026 16:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	8.75		Feet		Field	1	07/13/2026 11:32	SM	D
Dissolved Oxygen	5.28		mg/L	0.01	Field	1	07/13/2026 11:32	SM	D
Elev Top MW Casing above MSL	360.90		Feet		Field	1	07/13/2026 11:32	SM	D
Flow Rate	0.07		gal/min		Field	1	07/13/2026 11:32	SM	D
Ground Water Elevation	352.15		ft/MSL		Field	1	07/13/2026 11:32	SM	D
Oxidation-Reduction Potential	123		mV		Field	1	07/13/2026 11:32	SM	D
pH, Field (SM4500B)	6.84		pH_Units		Field	1	07/13/2026 11:32	SM	D
Sample Depth	18.00		Feet		Field	1	07/13/2026 11:32	SM	D
Specific Conductance, Field	1317		umhos/cm	1	Field	1	07/13/2026 11:32	SM	D
Temperature	15.14		Deg. C		Field	1	07/13/2026 11:32	SM	D
Total Well Depth	19.60		Feet		Field	1	07/13/2026 11:32	SM	D
Turbidity, Field	ND	ND	NTU	1	Field	1	07/13/2026 11:32	SM	D
Volume in Water Column	7.05		Gallons		Field	1	07/13/2026 11:32	SM	D
Water Level After Purge	1042.00		Feet		Field	1	07/13/2026 11:32	SM	D
Well Volumes Purged	0.02		Vol		Field	1	07/13/2026 11:32	SM	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	56.8		mg/L	0.11	SW846 6010C	1	07/23/2026 09:44	MSY	K1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	07/23/2026 09:44	MSY	K1
Magnesium, Total	48.7		mg/L	0.11	SW846 6010C	1	07/23/2026 09:44	MSY	K1
Manganese, Total	0.073	7	mg/L	0.0056	SW846 6010C	1	07/23/2026 09:44	MSY	K1
Potassium, Total	12.3		mg/L	0.56	SW846 6010C	1	07/23/2026 09:44	MSY	K1
Sodium, Total	168		mg/L	0.56	SW846 6010C	1	07/23/2026 09:44	MSY	K1

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	07/15/2026 18:40	TMP	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 18:40	TMP	H

Results

Client Sample ID	CWMP010W	Collected	07/13/2026 11:31
Lab Sample ID	3462507005	Lab Receipt	07/13/2026 16:30

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	106%	62 – 133	07/15/2026 18:40	
4-Bromofluorobenzene	460-00-4	104%	79 – 114	07/15/2026 18:40	
Dibromofluoromethane	1868-53-7	91.4%	78 – 116	07/15/2026 18:40	
Toluene-d8	2037-26-5	106%	76 – 127	07/15/2026 18:40	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	240		mg/L	5	SM2320B-21	1	07/14/2026 11:33	CMO	B
Alkalinity, Total	240	1	mg/L	5	SM2320B-21	1	07/14/2026 11:33	CMO	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	07/21/2026 14:33	AYS	A
Chemical Oxygen Demand (COD)	15		mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	280		mg/L	1.3	EPA 300.0	5	07/14/2026 18:04	J1W	B
Fluoride	ND	ND	mg/L	0.50	EPA 300.0	5	07/14/2026 18:04	J1W	B
Nitrate-N	9.7		mg/L	0.13	EPA 300.0	5	07/14/2026 18:04	J1W	B
pH	7.22	6	pH_Units		SM4500HB-21	1	07/14/2026 11:33	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 14:25	DJH	G
Specific Conductance	1510		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	33.1		mg/L	1.3	EPA 300.0	5	07/14/2026 18:04	J1W	B
Total Dissolved Solids	842		mg/L	25	SM2540C-15	1	07/16/2026 16:00	RAG	B
Total Organic Carbon (TOC)	3.6		mg/L	0.50	SW846 9060A	1	07/16/2026 01:05	PAG	E
Turbidity	1.6		NTU	0.30	SM2130B-20	1	07/14/2026 09:10	AOO	B

Results

Client Sample ID	CWMP002W	Collected	07/13/2026 12:49
Lab Sample ID	3462507006	Lab Receipt	07/13/2026 16:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	44.86		Feet		Field	1	07/13/2026 12:54	EMP	D
Dissolved Oxygen	1.03		mg/L	0.01	Field	1	07/13/2026 12:54	EMP	D
Elev Top MW Casing above MSL	525.81		Feet		Field	1	07/13/2026 12:54	EMP	D
Flow Rate	0.07		gal/min		Field	1	07/13/2026 12:54	EMP	D
Ground Water Elevation	480.95		ft/MSL		Field	1	07/13/2026 12:54	EMP	D
Oxidation-Reduction Potential	176		mV		Field	1	07/13/2026 12:54	EMP	D
pH, Field (SM4500B)	5.57		pH_Units		Field	1	07/13/2026 12:54	EMP	D
Sample Depth	85.00		Feet		Field	1	07/13/2026 12:54	EMP	D
Specific Conductance, Field	440		umhos/cm	1	Field	1	07/13/2026 12:54	EMP	D
Temperature	14.09		Deg. C		Field	1	07/13/2026 12:54	EMP	D
Total Well Depth	100.00		Feet		Field	1	07/13/2026 12:54	EMP	D
Turbidity, Field	ND	ND	NTU	1	Field	1	07/13/2026 12:54	EMP	D
Volume in Water Column	81.06		Gallons		Field	1	07/13/2026 12:54	EMP	D
Water Level After Purge	46.95		Feet		Field	1	07/13/2026 12:54	EMP	D
Well Volumes Purged	0.04		Vol		Field	1	07/13/2026 12:54	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	41.7		mg/L	0.11	SW846 6010C	1	07/23/2026 09:49	MSY	K1
Iron, Total	0.068		mg/L	0.067	SW846 6010C	1	07/23/2026 09:49	MSY	K1
Magnesium, Total	16.0		mg/L	0.11	SW846 6010C	1	07/23/2026 09:49	MSY	K1
Manganese, Total	0.74	7	mg/L	0.0056	SW846 6010C	1	07/23/2026 09:49	MSY	K1
Potassium, Total	3.1		mg/L	0.56	SW846 6010C	1	07/23/2026 09:49	MSY	K1
Sodium, Total	27.1		mg/L	0.56	SW846 6010C	1	07/23/2026 09:49	MSY	K1

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	07/15/2026 19:02	TMP	H
1,1-Dichloroethane	3.8		ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:02	TMP	H

Results

Client Sample ID	CWMP002W	Collected	07/13/2026 12:49
Lab Sample ID	3462507006	Lab Receipt	07/13/2026 16:30

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	107%	62 – 133	07/15/2026 19:02	
4-Bromofluorobenzene	460-00-4	101%	79 – 114	07/15/2026 19:02	
Dibromofluoromethane	1868-53-7	91.8%	78 – 116	07/15/2026 19:02	
Toluene-d8	2037-26-5	104%	76 – 127	07/15/2026 19:02	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	68		mg/L	5	SM2320B-21	1	07/14/2026 11:47	CMO	B
Alkalinity, Total	68	1	mg/L	5	SM2320B-21	1	07/14/2026 11:47	CMO	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	07/16/2026 19:40	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	83.3		mg/L	0.50	EPA 300.0	2	07/14/2026 18:17	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	07/14/2026 18:17	J1W	B
Nitrate-N	6.3		mg/L	0.050	EPA 300.0	2	07/14/2026 18:17	J1W	B
pH	6.09	6	pH_Units		SM4500HB-21	1	07/14/2026 11:47	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 14:28	DJH	G
Specific Conductance	503		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	18.2		mg/L	0.50	EPA 300.0	2	07/14/2026 18:17	J1W	B
Total Dissolved Solids	360		mg/L	25	SM2540C-15	1	07/16/2026 16:00	RAG	B
Total Organic Carbon (TOC)	2.3		mg/L	0.50	SW846 9060A	1	07/16/2026 01:05	PAG	E
Turbidity	1.4		NTU	0.30	SM2130B-20	1	07/14/2026 09:10	AOO	B

Results

Client Sample ID	CWMP003W	Collected	07/13/2026 13:28
Lab Sample ID	3462507007	Lab Receipt	07/13/2026 16:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	55.43		Feet		Field	1	07/13/2026 13:28	EMP	D
Dissolved Oxygen	4.68		mg/L	0.01	Field	1	07/13/2026 13:28	EMP	D
Elev Top MW Casing above MSL	524.21		Feet		Field	1	07/13/2026 13:28	EMP	D
Flow Rate	0.07		gal/min		Field	1	07/13/2026 13:28	EMP	D
Ground Water Elevation	468.78		ft/MSL		Field	1	07/13/2026 13:28	EMP	D
Oxidation-Reduction Potential	310		mV		Field	1	07/13/2026 13:28	EMP	D
pH, Field (SM4500B)	5.50		pH_Units		Field	1	07/13/2026 13:28	EMP	D
Sample Depth	100.00		Feet		Field	1	07/13/2026 13:28	EMP	D
Specific Conductance, Field	249		umhos/cm	1	Field	1	07/13/2026 13:28	EMP	D
Temperature	14.46		Deg. C		Field	1	07/13/2026 13:28	EMP	D
Total Well Depth	140.00		Feet		Field	1	07/13/2026 13:28	EMP	D
Turbidity, Field	ND	ND	NTU	1	Field	1	07/13/2026 13:28	EMP	D
Volume in Water Column	124.32		Gallons		Field	1	07/13/2026 13:28	EMP	D
Water Level After Purge	74.62		Feet		Field	1	07/13/2026 13:28	EMP	D
Well Volumes Purged	0.03		Vol		Field	1	07/13/2026 13:28	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	16.5		mg/L	0.11	SW846 6010C	1	07/23/2026 09:47	MSY	K1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	07/23/2026 09:47	MSY	K1
Magnesium, Total	7.4		mg/L	0.11	SW846 6010C	1	07/23/2026 09:47	MSY	K1
Manganese, Total	0.067	7	mg/L	0.0056	SW846 6010C	1	07/23/2026 09:47	MSY	K1
Potassium, Total	2.4		mg/L	0.56	SW846 6010C	1	07/23/2026 09:47	MSY	K1
Sodium, Total	20.1		mg/L	0.56	SW846 6010C	1	07/23/2026 09:47	MSY	K1

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	07/15/2026 19:25	TMP	H
1,1-Dichloroethane	1.0		ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:25	TMP	H

Results

Client Sample ID	CWMP003W	Collected	07/13/2026 13:28
Lab Sample ID	3462507007	Lab Receipt	07/13/2026 16:30

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	107%	62 – 133	07/15/2026 19:25	
4-Bromofluorobenzene	460-00-4	101%	79 – 114	07/15/2026 19:25	
Dibromofluoromethane	1868-53-7	92.3%	78 – 116	07/15/2026 19:25	
Toluene-d8	2037-26-5	104%	76 – 127	07/15/2026 19:25	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	17		mg/L	5	SM2320B-21	1	07/14/2026 12:04	CMO	B
Alkalinity, Total	17	1	mg/L	5	SM2320B-21	1	07/14/2026 12:04	CMO	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	07/16/2026 19:44	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	47.3		mg/L	0.50	EPA 300.0	2	07/14/2026 18:30	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	07/14/2026 18:30	J1W	B
Nitrate-N	5.7		mg/L	0.050	EPA 300.0	2	07/14/2026 18:30	J1W	B
pH	5.90	6	pH_Units		SM4500HB-21	1	07/14/2026 12:04	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 14:31	DJH	G
Specific Conductance	268		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	10.9		mg/L	0.50	EPA 300.0	2	07/14/2026 18:30	J1W	B
Total Dissolved Solids	203		mg/L	25	SM2540C-15	1	07/16/2026 16:00	RAG	B
Total Organic Carbon (TOC)	0.96		mg/L	0.50	SW846 9060A	1	07/16/2026 01:05	PAG	E
Turbidity	2.4		NTU	0.30	SM2130B-20	1	07/14/2026 09:10	AOO	B

Results

Client Sample ID	CWMP005W	Collected	07/13/2026 15:00
Lab Sample ID	3462507008	Lab Receipt	07/13/2026 16:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	46.70		Feet		Field	1	07/13/2026 14:59	EMP	D
Dissolved Oxygen	6.27		mg/L	0.01	Field	1	07/13/2026 14:59	EMP	D
Elev Top MW Casing above MSL	513.43		Feet		Field	1	07/13/2026 14:59	EMP	D
Flow Rate	0.07		gal/min		Field	1	07/13/2026 14:59	EMP	D
Ground Water Elevation	466.73		ft/MSL		Field	1	07/13/2026 14:59	EMP	D
Oxidation-Reduction Potential	219		mV		Field	1	07/13/2026 14:59	EMP	D
pH, Field (SM4500B)	5.21		pH_Units		Field	1	07/13/2026 14:59	EMP	D
Sample Depth	130.00		Feet		Field	1	07/13/2026 14:59	EMP	D
Specific Conductance, Field	351		umhos/cm	1	Field	1	07/13/2026 14:59	EMP	D
Temperature	13.43		Deg. C		Field	1	07/13/2026 14:59	EMP	D
Total Well Depth	138.92		Feet		Field	1	07/13/2026 14:59	EMP	D
Turbidity, Field	2		NTU	1	Field	1	07/13/2026 14:59	EMP	D
Volume in Water Column	135.56		Gallons		Field	1	07/13/2026 14:59	EMP	D
Water Level After Purge	47.37		Feet		Field	1	07/13/2026 14:59	EMP	D
Well Volumes Purged	0.02		Vol		Field	1	07/13/2026 14:59	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	18.4		mg/L	0.11	SW846 6010C	1	07/23/2026 09:59	MSY	K1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	07/23/2026 09:59	MSY	K1
Magnesium, Total	8.8		mg/L	0.11	SW846 6010C	1	07/23/2026 09:59	MSY	K1
Manganese, Total	0.054	7	mg/L	0.0056	SW846 6010C	1	07/23/2026 09:59	MSY	K1
Potassium, Total	2.5		mg/L	0.56	SW846 6010C	1	07/23/2026 09:59	MSY	K1
Sodium, Total	40.6		mg/L	0.56	SW846 6010C	1	07/23/2026 09:59	MSY	K1

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	07/15/2026 19:47	TMP	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 19:47	TMP	H

Results

Client Sample ID	CWMP005W	Collected	07/13/2026 15:00
Lab Sample ID	3462507008	Lab Receipt	07/13/2026 16:30

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	07/15/2026 19:47	
4-Bromofluorobenzene	460-00-4	98.2%	79 – 114	07/15/2026 19:47	
Dibromofluoromethane	1868-53-7	88.4%	78 – 116	07/15/2026 19:47	
Toluene-d8	2037-26-5	104%	76 – 127	07/15/2026 19:47	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	17		mg/L	5	SM2320B-21	1	07/14/2026 12:22	CMO	B
Alkalinity, Total	17	1	mg/L	5	SM2320B-21	1	07/14/2026 12:22	CMO	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	07/16/2026 19:47	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	82.9		mg/L	0.50	EPA 300.0	2	07/14/2026 19:22	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	07/14/2026 19:22	J1W	B
Nitrate-N	7.2		mg/L	0.050	EPA 300.0	2	07/14/2026 19:22	J1W	B
pH	5.86	6	pH_Units		SM4500HB-21	1	07/14/2026 12:22	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 14:35	DJH	G
Specific Conductance	396		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	6.8		mg/L	0.50	EPA 300.0	2	07/14/2026 19:22	J1W	B
Total Dissolved Solids	288		mg/L	25	SM2540C-15	1	07/16/2026 16:00	RAG	B
Total Organic Carbon (TOC)	0.88		mg/L	0.50	SW846 9060A	1	07/16/2026 01:05	PAG	E
Turbidity	3.7		NTU	0.30	SM2130B-20	1	07/14/2026 09:10	AOO	B

Results

Client Sample ID	CWMP004W	Collected	07/13/2026 15:15
Lab Sample ID	3462507009	Lab Receipt	07/13/2026 16:30

FIELD PARAMETERS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Depth to Water Level	53.10		Feet		Field	1	07/13/2026 15:14	EMP	D
Dissolved Oxygen	7.68		mg/L	0.01	Field	1	07/13/2026 15:14	EMP	D
Elev Top MW Casing above MSL	529.53		Feet		Field	1	07/13/2026 15:14	EMP	D
Flow Rate	0.07		gal/min		Field	1	07/13/2026 15:14	EMP	D
Ground Water Elevation	476.43		ft/MSL		Field	1	07/13/2026 15:14	EMP	D
Oxidation-Reduction Potential	261		mV		Field	1	07/13/2026 15:14	EMP	D
pH, Field (SM4500B)	5.63		pH_Units		Field	1	07/13/2026 15:14	EMP	D
Sample Depth	130.00		Feet		Field	1	07/13/2026 15:14	EMP	D
Specific Conductance, Field	219		umhos/cm	1	Field	1	07/13/2026 15:14	EMP	D
Temperature	14.90		Deg. C		Field	1	07/13/2026 15:14	EMP	D
Total Well Depth	140.00		Feet		Field	1	07/13/2026 15:14	EMP	D
Turbidity, Field	ND	ND	NTU	1	Field	1	07/13/2026 15:14	EMP	D
Volume in Water Column	127.74		Gallons		Field	1	07/13/2026 15:14	EMP	D
Water Level After Purge	56.42		Feet		Field	1	07/13/2026 15:14	EMP	D
Well Volumes Purged	0.05		Vol		Field	1	07/13/2026 15:14	EMP	D

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	16.4		mg/L	0.11	SW846 6010C	1	07/23/2026 10:06	MSY	K1
Iron, Total	0.18		mg/L	0.067	SW846 6010C	1	07/23/2026 10:06	MSY	K1
Magnesium, Total	5.5		mg/L	0.11	SW846 6010C	1	07/23/2026 10:06	MSY	K1
Manganese, Total	ND	ND,7	mg/L	0.0056	SW846 6010C	1	07/23/2026 10:06	MSY	K1
Potassium, Total	1.4		mg/L	0.56	SW846 6010C	1	07/23/2026 10:06	MSY	K1
Sodium, Total	18.4		mg/L	0.56	SW846 6010C	1	07/23/2026 10:06	MSY	K1

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	07/15/2026 20:10	TMP	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 20:10	TMP	H

Results

Client Sample ID	CWMP004W	Collected	07/13/2026 15:15
Lab Sample ID	3462507009	Lab Receipt	07/13/2026 16:30

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	107%	62 – 133	07/15/2026 20:10	
4-Bromofluorobenzene	460-00-4	102%	79 – 114	07/15/2026 20:10	
Dibromofluoromethane	1868-53-7	89.8%	78 – 116	07/15/2026 20:10	
Toluene-d8	2037-26-5	103%	76 – 127	07/15/2026 20:10	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	19		mg/L	5	SM2320B-21	1	07/14/2026 12:38	CMO	B
Alkalinity, Total	19	1	mg/L	5	SM2320B-21	1	07/14/2026 12:38	CMO	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	07/16/2026 19:50	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	43.2		mg/L	0.50	EPA 300.0	2	07/14/2026 19:34	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	07/14/2026 19:34	J1W	B
Nitrate-N	5.3		mg/L	0.050	EPA 300.0	2	07/14/2026 19:34	J1W	B
pH	6.17	6	pH_Units		SM4500HB-21	1	07/14/2026 12:38	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 14:51	DJH	G
Specific Conductance	238		umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	4.4		mg/L	0.50	EPA 300.0	2	07/14/2026 19:34	J1W	B
Total Dissolved Solids	187		mg/L	25	SM2540C-15	1	07/16/2026 16:00	RAG	B
Total Organic Carbon (TOC)	0.69		mg/L	0.50	SW846 9060A	1	07/16/2026 01:05	PAG	E
Turbidity	2.2		NTU	0.30	SM2130B-20	1	07/14/2026 09:10	AOO	B

Results

Client Sample ID	Field Blank	Collected	07/13/2026 00:00
Lab Sample ID	3462507010	Lab Receipt	07/13/2026 16:30

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Calcium, Total	ND	ND	mg/L	0.11	SW846 6010C	1	07/23/2026 10:08	MSY	K1
Iron, Total	ND	ND	mg/L	0.067	SW846 6010C	1	07/23/2026 10:08	MSY	K1
Magnesium, Total	ND	ND	mg/L	0.11	SW846 6010C	1	07/23/2026 10:08	MSY	K1
Manganese, Total	ND	ND,7	mg/L	0.0056	SW846 6010C	1	07/23/2026 10:08	MSY	K1
Potassium, Total	ND	ND	mg/L	0.56	SW846 6010C	1	07/23/2026 10:08	MSY	K1
Sodium, Total	ND	ND	mg/L	0.56	SW846 6010C	1	07/23/2026 10:08	MSY	K1

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	07/15/2026 15:16	TMP	H
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
Methylene Chloride	1.2		ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 15:16	TMP	H

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	107%	62 – 133	07/15/2026 15:16	
4-Bromofluorobenzene	460-00-4	101%	79 – 114	07/15/2026 15:16	
Dibromofluoromethane	1868-53-7	90.5%	78 – 116	07/15/2026 15:16	
Toluene-d8	2037-26-5	102%	76 – 127	07/15/2026 15:16	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Bicarbonate	ND	ND	mg/L	5	SM2320B-21	1	07/14/2026 12:46	CMO	B
Alkalinity, Total	ND	ND,1	mg/L	5	SM2320B-21	1	07/14/2026 12:46	CMO	B
Ammonia-N, Low Level	ND	ND	mg/L	0.10	S4500NH3G-21	1	07/16/2026 19:53	AYS	A
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	EPA 410.4	1	07/16/2026 11:36	KMS	A
Chloride	ND	ND	mg/L	0.50	EPA 300.0	2	07/14/2026 19:47	J1W	B
Fluoride	ND	ND	mg/L	0.20	EPA 300.0	2	07/14/2026 19:47	J1W	B
Nitrate-N	ND	ND	mg/L	0.050	EPA 300.0	2	07/14/2026 19:47	J1W	B
pH	6.06	6	pH_Units		SM4500HB-21	1	07/14/2026 12:46	CMO	B
Phenolics	ND	ND	mg/L	0.004	SW846 9066	1	07/22/2026 14:55	DJH	G

Results

Client Sample ID	Field Blank	Collected	07/13/2026 00:00
Lab Sample ID	3462507010	Lab Receipt	07/13/2026 16:30

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Specific Conductance	ND	ND	umhos/cm	5	SW846 9050A	1	07/16/2026 11:35	CMO	B
Sulfate	ND	ND	mg/L	0.50	EPA 300.0	2	07/14/2026 19:47	J1W	B
Total Dissolved Solids	ND	ND	mg/L	25	SM2540C-15	1	07/15/2026 17:30	RAG	B
Total Organic Carbon (TOC)	ND	ND	mg/L	0.50	SW846 9060A	1	07/16/2026 01:05	PAG	E
Turbidity	ND	ND	NTU	0.30	SM2130B-20	1	07/14/2026 09:10	AOO	B

Results

Client Sample ID	Trip Blank	Collected	07/13/2026 00:00
Lab Sample ID	3462507011	Lab Receipt	07/13/2026 16:30

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	07/15/2026 14:54	TMP	A
1,1-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
1,1-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
1,2-Dichloroethane	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
Benzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
Ethylbenzene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
Methylene Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
Tetrachloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
Toluene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
Total Xylenes	ND	ND	ug/L	3.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
Trichloroethene	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A
Vinyl Chloride	ND	ND	ug/L	1.0	SW846 8260B	1	07/15/2026 14:54	TMP	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	108%	62 – 133	07/15/2026 14:54	
4-Bromofluorobenzene	460-00-4	103%	79 – 114	07/15/2026 14:54	
Dibromofluoromethane	1868-53-7	92.5%	78 – 116	07/15/2026 14:54	
Toluene-d8	2037-26-5	105%	76 – 127	07/15/2026 14:54	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3462507001	CWMP007W	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	
3462507002	CWMP008W	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	
3462507003	CWMP001W	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	
3462507004	CWMP009W	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	
		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	

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3462507005	CWMP010W	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	
3462507006	CWMP002W	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	
3462507007	CWMP003W	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	
3462507008	CWMP005W	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	

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3462507009	CWMP004W	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	
3462507010	Field Blank	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	
3462507011	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
3462507001	CWMP007W	N/A	N/A	N/A		Field	1562654
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562085
		N/A	N/A	N/A		EPA 300.0	1561860
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562062
		N/A	N/A	N/A		SM2130B-20	1561865
		N/A	N/A	N/A		SM2320B-21	1561894
		N/A	N/A	N/A		SM2540C-15	1562051
		N/A	N/A	N/A		SM4500HB-21	1561894
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562092
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1563562
3462507002	CWMP008W	N/A	N/A	N/A		Field	1562654
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562085
		N/A	N/A	N/A		EPA 300.0	1561860
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562476
		N/A	N/A	N/A		SM2130B-20	1561865
		N/A	N/A	N/A		SM2320B-21	1561894
		N/A	N/A	N/A		SM2540C-15	1562051
		N/A	N/A	N/A		SM4500HB-21	1561894
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562092
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791
3462507003	CWMP001W	N/A	N/A	N/A		Field	1562654
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562085
		N/A	N/A	N/A		EPA 300.0	1561860
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562062
		N/A	N/A	N/A		SM2130B-20	1561865
		N/A	N/A	N/A		SM2320B-21	1561894
		N/A	N/A	N/A		SM2540C-15	1562051
		N/A	N/A	N/A		SM4500HB-21	1561894
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562092
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791
3462507004	CWMP009W	N/A	N/A	N/A		Field	1562654
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562085
		N/A	N/A	N/A		EPA 300.0	1561860
		N/A	N/A	N/A		EPA 300.0	1562013
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562476
		N/A	N/A	N/A		SM2130B-20	1561865
		N/A	N/A	N/A		SM2320B-21	1562050
		N/A	N/A	N/A		SM2540C-15	1562197
		N/A	N/A	N/A		SM4500HB-21	1561894
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562092
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3462507005	CWMP010W	N/A	N/A	N/A		Field	1562654
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562085
		N/A	N/A	N/A		EPA 300.0	1561860
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562476
		N/A	N/A	N/A		SM2130B-20	1561865
		N/A	N/A	N/A		SM2320B-21	1561894
		N/A	N/A	N/A		SM2540C-15	1562197
		N/A	N/A	N/A		SM4500HB-21	1561894
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562092
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791
3462507006	CWMP002W	N/A	N/A	N/A		Field	1562654
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562085
		N/A	N/A	N/A		EPA 300.0	1561860
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562062
		N/A	N/A	N/A		SM2130B-20	1561865
		N/A	N/A	N/A		SM2320B-21	1561894
		N/A	N/A	N/A		SM2540C-15	1562197
		N/A	N/A	N/A		SM4500HB-21	1561894
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562092
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791
3462507007	CWMP003W	N/A	N/A	N/A		Field	1562654
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562085
		N/A	N/A	N/A		EPA 300.0	1561860
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562062
		N/A	N/A	N/A		SM2130B-20	1561865
		N/A	N/A	N/A		SM2320B-21	1561894
		N/A	N/A	N/A		SM2540C-15	1562197
		N/A	N/A	N/A		SM4500HB-21	1561894
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562092
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791
3462507008	CWMP005W	N/A	N/A	N/A		Field	1562654
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562085
		N/A	N/A	N/A		EPA 300.0	1561860
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562062
		N/A	N/A	N/A		SM2130B-20	1561865
		N/A	N/A	N/A		SM2320B-21	1561894
		N/A	N/A	N/A		SM2540C-15	1562197
		N/A	N/A	N/A		SM4500HB-21	1561894
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562092
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791
3462507009	CWMP004W	N/A	N/A	N/A		Field	1562654
		SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562085
		N/A	N/A	N/A		EPA 300.0	1561860
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562062
		N/A	N/A	N/A		SM2130B-20	1561865
		N/A	N/A	N/A		SM2320B-21	1561894
		N/A	N/A	N/A		SM2540C-15	1562197
		N/A	N/A	N/A		SM4500HB-21	1561894
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562092
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3462507010	Field Blank	SW846 3015A	1562809	07/22/2026 12:48	J1K	SW846 6010C	1562932
		N/A	N/A	N/A		SW846 8260B	1562085
		N/A	N/A	N/A		EPA 300.0	1561860
		N/A	N/A	N/A		EPA 410.4	1562164
		N/A	N/A	N/A		S4500NH3G-21	1562062
		N/A	N/A	N/A		SM2130B-20	1561865
		N/A	N/A	N/A		SM2320B-21	1561894
		N/A	N/A	N/A		SM2540C-15	1562051
		N/A	N/A	N/A		SM4500HB-21	1561894
		N/A	N/A	N/A		SW846 9050A	1562201
		N/A	N/A	N/A		SW846 9060A	1562092
		SW846 9066	1562663	07/22/2026 10:07	DJH	SW846 9066	1562791
3462507011	Trip Blank	N/A	N/A	N/A		SW846 8260B	1562085

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.

RAB 7/13/26

COC #: 3462507

Logged By: MZP
PM: SIW

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/#: Creswell/GWMP Form 19Q

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	G
	Container Size	40ml	125ml	40ml	500ml	250ml			250ml	125ml	40mL
	Preservative	HCL	H2SO4	~~UNP~~ HCl	UNP HCl RAB 7/13/26	UNP *			H2SO4	HNO3	~~UNP~~ HCl *
	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	8260 VOCs - Form 19Q	pH, Cl, SpC, F, SO4, NO3, Tb, TDS	Alkalinity, HCO3	FM	Sample Debth for AUX Data	NH3-N, COD	Total Metals Ca, Fe, Mn, Mg, K, Na	RAB 7/13/26 8260-Trip Blank
	Enter Number of Containers Per Sample or Field Results Below.															
1	CWMP007W	7/13/26	08:44		G	GW	2	1	3	1	1	x	x	1	2	3
2	CWMP008W	7/13/26	09:13		G	GW	2	1	3	1	1	x	x	1	2	
3	CWMP001W	7/13/26	09:34		G	GW	2	1	3	1	1	x	x	1	2	
4	CWMP009W	7/13/26	~~1031~~ *		G	GW	2	1	3	1	1	X	X	1	2	
5	CWMP010W	7/13/26	11:31		G	GW	2	1	3	1	1	X	X	1	2	
6	CWMP002W	7/13/26	12:49		G	GW	2	1	3	1	1	X	X	1	2	
7	CWMP003W	7/13/26	13:28		G	GW	2	1	3	1	1	X	X	1	2	
8	CWMP005W	7/13/26	15:00		G	GW	2	1	3	1	1	X	X	1	2	
9	CWMP004W	7/13/26	15:15		G	GW	2	1	3	1	1	X	X	1	2	
10	FIELD BLANK	7/13/26			DI	DI	2	1	3	1	1			1	2	

RAB 7/13/26

Receipt Information (completed by Receiving)

Temp Taken By: RAB Therm ID: 352 WO Temp (°C) 2°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, llist 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

* 1021 RAB 7/13/26

Sampling Hours

RAB 7/13/26

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
7/13/2026	16:30	1	ALS 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

Rev 07.06.2023

Middletown Sample Condition Form

Client LCSWMA Workorder 3462507

Temp °C 2 Therm ID 352 Ice? (Y) N N/A Initials & Date tkh 7-13-26

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		✗		UC
•Type(s) of preservation		"		"
•Number of containers		✗		UC
•Composite or grab	✗			
•Matrix				
Proper containers, preservation, and volume per method	|			
Received within hold time	|			
Containers intact	|			
Trip blanks present (EPA 504, EPA 524)	✗			
Field blanks present (Hg 1631, PFAS)			✗	
NJ ≤ 4 Days			|	
CR6 Samples Filtered			|	
OP Samples Filtered			|	
WV Containers 0-6°C			|	
SDWA compliance reporting			✗	

[1] *If No, provide comment*

Rad Screen (uCi) —

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

Review Comments:

_____

_____

_____