

ANALYTICAL REPORT

Eurofins TestAmerica, Denver
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Laboratory Job ID: 280-139814-1
Client Project/Site: Hidden Valley LF
Revision: 1

For:
SCS Engineers
2405 140th Avenue NE
Suite 107
Bellevue, Washington 98005-1877

Attn: Mr. Kevin Lakey



Authorized for release by:
9/29/2020 2:03:48 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Subcontract

Qualifier	Qualifier Description
U	Analyte was not detected and is reported as less than the LOD or as defined by the client. The LOD has been adjusted for any dilution or concentration of the sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

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Laboratory: Eurofins TestAmerica, Denver

Narrative

CASE NARRATIVE

Client: SCS Engineers

Project: Hidden Valley LF

Report Number: 280-139814-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

Sample Receiving

The samples were received on 08/26/2020; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 2.4° C, 2.9° C, 4.6° C and 4.8° C.

The 500ml Amber Glass H2SO4 container for sample HVL-082520-03 (280-139814-3) arrived without a label. The sample was identified by process of elimination. It was also packaged with other bottles of the same sample. The client was notified.

Holding Times

All holding times were within established control limits.

Method Blanks

All Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

All Laboratory Control Samples were within established control limits.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD)

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) for Method 8260B (batch 507505), however, an LCS/LCSD pair was analyzed to demonstrate method precision and accuracy.

The Method 8260B MS/MSD performed on a sample from another client exhibited a RPD result outside the RPD limit for Trichlorofluoromethane. Because the corresponding Matrix Spike and Matrix Spike Duplicate recoveries, Laboratory Control Sample, and Method Blank sample were within control limits, this anomaly is considered to be due to matrix interference and no corrective action was taken.

Sample HVL-082520-11 was selected to fulfill the laboratory batch quality control requirements for Method 350.1. Analysis of the laboratory generated MS/MSD for this sample exhibited recoveries of Ammonia above the upper control limit. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, this anomaly may be due to matrix interference and no corrective action was taken.

Case Narrative

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Job ID: 280-139814-1 (Continued)

Laboratory: Eurofins TestAmerica, Denver (Continued)

All other MS and MSD samples were within established control limits.

General Comments

For samples requiring analysis at a dilution, the dilution factor has been multiplied by the Method Detection Limit (MDL) for each analyte and evaluated versus the project-specific reporting limit (PSRL). If the obtained value is below the PSRL, then the PSRL is preserved as the reporting limit for the diluted result, otherwise, the obtained value becomes the reporting limit. This is done in order to maintain the PSRL to meet permit requirements at the request of the client and to report the lowest possible RL for each analyte.

The analysis for Chloride and Sulfate Method 300.0 was performed at the TestAmerica's St. Louis Laboratory.
13715 Rider Trail North
Earth City, MO 63045
Phone: 314-298-8566

The analysis for Dissolved Iron Method 200.8 was performed by Eurofins Frontier Global Sciences, LLC.
Eurofins Frontier Global Sciences, LLC
5755 8th St E
Tacoma, WA 98424
Phone: 253-922-2310

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Detection Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Client Sample ID: HVL-082520-01

Lab Sample ID: 280-139814-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	15		0.20		mg/L	1		300.0	Total/NA
Chloride - DL	7.2		1.2		mg/L	20		300.0	Total/NA
Calcium, Dissolved	34		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	10		0.10		mg/L	1		6010B	Dissolved
Potassium, Dissolved	2.0		2.0		mg/L	1		6010B	Dissolved
Sodium, Dissolved	8.2		1.0		mg/L	1		6010B	Dissolved
Nitrate as N	0.87		0.20		mg/L	1		300.0	Total/NA
Alkalinity	110		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	180		10		mg/L	1		SM 2540C	Total/NA
Total Organic Carbon - Quad	1.4		1.0		mg/L	1		SM 5310B	Total/NA

Client Sample ID: HVL-082520-02

Lab Sample ID: 280-139814-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	7.9		0.20		mg/L	1		300.0	Total/NA
Chloride - DL	6.7		1.2		mg/L	20		300.0	Total/NA
Calcium, Dissolved	23		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	9.1		0.10		mg/L	1		6010B	Dissolved
Potassium, Dissolved	2.9		2.0		mg/L	1		6010B	Dissolved
Sodium, Dissolved	11		1.0		mg/L	1		6010B	Dissolved
Nitrate as N	1.7		0.20		mg/L	1		300.0	Total/NA
Alkalinity	92		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	160		10		mg/L	1		SM 2540C	Total/NA

Client Sample ID: HVL-082520-03

Lab Sample ID: 280-139814-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	15		0.20		mg/L	1		300.0	Total/NA
Chloride - DL	7.8		1.2		mg/L	20		300.0	Total/NA
Calcium, Dissolved	35		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	11		0.10		mg/L	1		6010B	Dissolved
Potassium, Dissolved	2.0		2.0		mg/L	1		6010B	Dissolved
Sodium, Dissolved	8.4		1.0		mg/L	1		6010B	Dissolved
Nitrate as N	0.86		0.20		mg/L	1		300.0	Total/NA
Alkalinity	120		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	170		10		mg/L	1		SM 2540C	Total/NA
Total Organic Carbon - Quad	1.4		1.0		mg/L	1		SM 5310B	Total/NA

Client Sample ID: HVL-082520-04

Lab Sample ID: 280-139814-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	7.9		0.20		mg/L	1		300.0	Total/NA
Chloride - DL	12		1.2		mg/L	20		300.0	Total/NA
Calcium, Dissolved	28		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	8.4		0.10		mg/L	1		6010B	Dissolved
Potassium, Dissolved	9.0		2.0		mg/L	1		6010B	Dissolved
Sodium, Dissolved	21		1.0		mg/L	1		6010B	Dissolved
Nitrate as N	1.6		0.20		mg/L	1		300.0	Total/NA
Alkalinity	120		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	200		10		mg/L	1		SM 2540C	Total/NA
Total Organic Carbon - Quad	1.1		1.0		mg/L	1		SM 5310B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Detection Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Client Sample ID: HVL-082520-05

Lab Sample ID: 280-139814-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	15		0.20		mg/L	1		300.0	Total/NA
Chloride - DL	7.1		1.2		mg/L	20		300.0	Total/NA
Calcium, Dissolved	35		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	11		0.10		mg/L	1		6010B	Dissolved
Potassium, Dissolved	2.1		2.0		mg/L	1		6010B	Dissolved
Sodium, Dissolved	8.6		1.0		mg/L	1		6010B	Dissolved
Nitrate as N	0.56		0.20		mg/L	1		300.0	Total/NA
Alkalinity	120		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	180		10		mg/L	1		SM 2540C	Total/NA
Total Organic Carbon - Quad	1.2		1.0		mg/L	1		SM 5310B	Total/NA

Client Sample ID: HVL-082520-06

Lab Sample ID: 280-139814-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	7.1		0.20		mg/L	1		300.0	Total/NA
Chloride - DL	14		1.2		mg/L	20		300.0	Total/NA
Calcium, Dissolved	33		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	11		0.10		mg/L	1		6010B	Dissolved
Potassium, Dissolved	15		2.0		mg/L	1		6010B	Dissolved
Sodium, Dissolved	25		1.0		mg/L	1		6010B	Dissolved
Manganese, Dissolved	0.84		0.0010		mg/L	1		6020	Dissolved
Nitrate as N	0.88		0.20		mg/L	1		300.0	Total/NA
Ammonia	4.2		0.10		mg/L	1		350.1	Total/NA
Alkalinity	170		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	250		10		mg/L	1		SM 2540C	Total/NA
Total Organic Carbon - Quad	1.7		1.0		mg/L	1		SM 5310B	Total/NA

Client Sample ID: HVL-082520-07

Lab Sample ID: 280-139814-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride - DL	6.4		1.2		mg/L	20		300.0	Total/NA
Sulfate - DL	19		1.0		mg/L	20		300.0	Total/NA
Calcium, Dissolved	27		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	7.6		0.10		mg/L	1		6010B	Dissolved
Potassium, Dissolved	3.9		2.0		mg/L	1		6010B	Dissolved
Sodium, Dissolved	15		1.0		mg/L	1		6010B	Dissolved
Manganese, Dissolved	0.0017		0.0010		mg/L	1		6020	Dissolved
Alkalinity	99		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	170		10		mg/L	1		SM 2540C	Total/NA

Client Sample ID: HVL-082520-08

Lab Sample ID: 280-139814-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		0.20		mg/L	1		300.0	Total/NA
Sulfate	3.8		0.20		mg/L	1		300.0	Total/NA
Calcium, Dissolved	7.8		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	4.4		0.10		mg/L	1		6010B	Dissolved
Sodium, Dissolved	4.8		1.0		mg/L	1		6010B	Dissolved
Manganese, Dissolved	0.19		0.0010		mg/L	1		6020	Dissolved
Alkalinity	50		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	110		10		mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Detection Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Client Sample ID: HVL-082520-08 (Continued)

Lab Sample ID: 280-139814-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	50		10		µg/L	1		LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F)	Total/NA

Client Sample ID: HVL-082520-09

Lab Sample ID: 280-139814-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	20		0.20		mg/L	1		300.0	Total/NA
Chloride - DL	8.1		1.2		mg/L	20		300.0	Total/NA
Calcium, Dissolved	29		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	9.7		0.10		mg/L	1		6010B	Dissolved
Potassium, Dissolved	3.5		2.0		mg/L	1		6010B	Dissolved
Sodium, Dissolved	16		1.0		mg/L	1		6010B	Dissolved
Alkalinity	110		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	190		10		mg/L	1		SM 2540C	Total/NA

Client Sample ID: HVL-082520-10

Lab Sample ID: 280-139814-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.7		0.20		mg/L	1		300.0	Total/NA
Sulfate	10		0.20		mg/L	1		300.0	Total/NA
Calcium, Dissolved	21		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	9.1		0.10		mg/L	1		6010B	Dissolved
Potassium, Dissolved	2.3		2.0		mg/L	1		6010B	Dissolved
Sodium, Dissolved	6.1		1.0		mg/L	1		6010B	Dissolved
Manganese, Dissolved	0.42		0.0010		mg/L	1		6020	Dissolved
Alkalinity	87		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	130		10		mg/L	1		SM 2540C	Total/NA
Iron	711		10		µg/L	1		LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F)	Total/NA

Client Sample ID: HVL-082520-11

Lab Sample ID: 280-139814-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	17		0.20		mg/L	1		300.0	Total/NA
Chloride - DL	10		1.2		mg/L	20		300.0	Total/NA
Calcium, Dissolved	25		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	7.2		0.10		mg/L	1		6010B	Dissolved
Potassium, Dissolved	2.8		2.0		mg/L	1		6010B	Dissolved
Sodium, Dissolved	23		1.0		mg/L	1		6010B	Dissolved
Manganese, Dissolved	1.3		0.0010		mg/L	1		6020	Dissolved
Alkalinity	120		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	200		10		mg/L	1		SM 2540C	Total/NA
Total Organic Carbon - Quad	1.1		1.0		mg/L	1		SM 5310B	Total/NA
Iron	150		10		µg/L	1		LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F)	Total/NA

Client Sample ID: HVL-082520-12

Lab Sample ID: 280-139814-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		0.20		mg/L	1		300.0	Total/NA
Sulfate	3.2		0.20		mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Detection Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Client Sample ID: HVL-082520-12 (Continued)

Lab Sample ID: 280-139814-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium, Dissolved	7.8		0.20		mg/L	1		6010B	Dissolved
Magnesium, Dissolved	3.9		0.10		mg/L	1		6010B	Dissolved
Potassium, Dissolved	2.0		2.0		mg/L	1		6010B	Dissolved
Sodium, Dissolved	5.3		1.0		mg/L	1		6010B	Dissolved
Alkalinity	48		10		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	99		10		mg/L	1		SM 2540C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 280-139814-13

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Method Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL DEN
300.0	Anions, Ion Chromatography	MCAWW	TAL SL
6010B	Metals (ICP)	SW846	TAL DEN
6020	Metals (ICP/MS)	SW846	TAL DEN
300.0	Anions, Ion Chromatography	MCAWW	TAL DEN
350.1	Nitrogen, Ammonia	MCAWW	TAL DEN
SM 2320B	Alkalinity	SM	TAL DEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL DEN
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL DEN
SM 5310B	Organic Carbon, Total (TOC)	SM	TAL DEN
Subcontract	LL Diss Fe 200.8 RL=0.03 mg/L (Eurofins Frontier)	None	FrontierGe
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL DEN
5030B	Purge and Trap	SW846	TAL DEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

FrontierGe = Frontier GeoSciences, Inc, 5755 8th Street E, Tacoma, WA 98424

TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
280-139814-1	HVL-082520-01	Water	08/25/20 10:05	08/26/20 10:30	
280-139814-2	HVL-082520-02	Water	08/25/20 10:00	08/26/20 10:30	
280-139814-3	HVL-082520-03	Water	08/25/20 10:10	08/26/20 10:30	
280-139814-4	HVL-082520-04	Water	08/25/20 11:00	08/26/20 10:30	
280-139814-5	HVL-082520-05	Water	08/25/20 11:43	08/26/20 10:30	
280-139814-6	HVL-082520-06	Water	08/25/20 12:30	08/26/20 10:30	
280-139814-7	HVL-082520-07	Water	08/25/20 13:00	08/26/20 10:30	
280-139814-8	HVL-082520-08	Water	08/25/20 13:28	08/26/20 10:30	
280-139814-9	HVL-082520-09	Water	08/25/20 14:10	08/26/20 10:30	
280-139814-10	HVL-082520-10	Water	08/25/20 14:35	08/26/20 10:30	
280-139814-11	HVL-082520-11	Water	08/25/20 15:15	08/26/20 10:30	
280-139814-12	HVL-082520-12	Water	08/25/20 15:28	08/26/20 10:30	
280-139814-13	TRIP BLANK	Water	08/25/20 10:00	08/26/20 10:30	

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: HVL-082520-01

Date Collected: 08/25/20 10:05

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 12:52	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 12:52	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 12:52	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 12:52	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 12:52	1
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 12:52	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 12:52	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 12:52	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 12:52	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 12:52	1
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 12:52	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 12:52	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 12:52	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 12:52	1
2-Hexanone	ND		5.0		ug/L			09/01/20 12:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 12:52	1
Acetone	ND		10		ug/L			09/01/20 12:52	1
Acrylonitrile	ND		20		ug/L			09/01/20 12:52	1
Benzene	ND		0.50		ug/L			09/01/20 12:52	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 12:52	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 12:52	1
Bromoform	ND		0.50		ug/L			09/01/20 12:52	1
Bromomethane	ND		0.50		ug/L			09/01/20 12:52	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 12:52	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 12:52	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 12:52	1
Chloroethane	ND		0.50		ug/L			09/01/20 12:52	1
Chloroform	ND		0.50		ug/L			09/01/20 12:52	1
Chloromethane	ND		0.50		ug/L			09/01/20 12:52	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 12:52	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 12:52	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 12:52	1
Dibromochloromethane	ND		0.50		ug/L			09/01/20 12:52	1
Dibromomethane	ND		0.50		ug/L			09/01/20 12:52	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 12:52	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 12:52	1
Iodomethane	ND		1.0		ug/L			09/01/20 12:52	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 12:52	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 12:52	1
o-Xylene	ND		0.50		ug/L			09/01/20 12:52	1
Styrene	ND		0.50		ug/L			09/01/20 12:52	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 12:52	1
Toluene	ND		0.50		ug/L			09/01/20 12:52	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 12:52	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 12:52	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 12:52	1
Trichloroethene	ND		0.50		ug/L			09/01/20 12:52	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 12:52	1
Vinyl acetate	ND		3.0		ug/L			09/01/20 12:52	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-01

Date Collected: 08/25/20 10:05

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			09/01/20 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		70 - 127					09/01/20 12:52	1
4-Bromofluorobenzene (Surr)	92		78 - 120					09/01/20 12:52	1
Dibromofluoromethane (Surr)	99		77 - 120					09/01/20 12:52	1
Toluene-d8 (Surr)	96		80 - 125					09/01/20 12:52	1

Client Sample ID: HVL-082520-02

Date Collected: 08/25/20 10:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 13:13	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 13:13	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 13:13	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 13:13	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 13:13	1
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 13:13	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 13:13	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 13:13	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 13:13	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 13:13	1
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 13:13	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 13:13	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 13:13	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 13:13	1
2-Hexanone	ND		5.0		ug/L			09/01/20 13:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 13:13	1
Acetone	ND		10		ug/L			09/01/20 13:13	1
Acrylonitrile	ND		20		ug/L			09/01/20 13:13	1
Benzene	ND		0.50		ug/L			09/01/20 13:13	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 13:13	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 13:13	1
Bromoform	ND		0.50		ug/L			09/01/20 13:13	1
Bromomethane	ND		0.50		ug/L			09/01/20 13:13	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 13:13	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 13:13	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 13:13	1
Chloroethane	ND		0.50		ug/L			09/01/20 13:13	1
Chloroform	ND		0.50		ug/L			09/01/20 13:13	1
Chloromethane	ND		0.50		ug/L			09/01/20 13:13	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 13:13	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 13:13	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 13:13	1
Dibromochloromethane	ND		0.50		ug/L			09/01/20 13:13	1
Dibromomethane	ND		0.50		ug/L			09/01/20 13:13	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 13:13	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 13:13	1
Iodomethane	ND		1.0		ug/L			09/01/20 13:13	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 13:13	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-02

Date Collected: 08/25/20 10:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 13:13	1
o-Xylene	ND		0.50		ug/L			09/01/20 13:13	1
Styrene	ND		0.50		ug/L			09/01/20 13:13	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 13:13	1
Toluene	ND		0.50		ug/L			09/01/20 13:13	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 13:13	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 13:13	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 13:13	1
Trichloroethene	ND		0.50		ug/L			09/01/20 13:13	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 13:13	1
Vinyl acetate	ND		3.0		ug/L			09/01/20 13:13	1
Vinyl chloride	ND		0.50		ug/L			09/01/20 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 127					09/01/20 13:13	1
4-Bromofluorobenzene (Surr)	93		78 - 120					09/01/20 13:13	1
Dibromofluoromethane (Surr)	99		77 - 120					09/01/20 13:13	1
Toluene-d8 (Surr)	96		80 - 125					09/01/20 13:13	1

Client Sample ID: HVL-082520-03

Date Collected: 08/25/20 10:10

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 13:34	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 13:34	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 13:34	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 13:34	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 13:34	1
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 13:34	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 13:34	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 13:34	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 13:34	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 13:34	1
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 13:34	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 13:34	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 13:34	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 13:34	1
2-Hexanone	ND		5.0		ug/L			09/01/20 13:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 13:34	1
Acetone	ND		10		ug/L			09/01/20 13:34	1
Acrylonitrile	ND		20		ug/L			09/01/20 13:34	1
Benzene	ND		0.50		ug/L			09/01/20 13:34	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 13:34	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 13:34	1
Bromoform	ND		0.50		ug/L			09/01/20 13:34	1
Bromomethane	ND		0.50		ug/L			09/01/20 13:34	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 13:34	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 13:34	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 13:34	1
Chloroethane	ND		0.50		ug/L			09/01/20 13:34	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-03

Date Collected: 08/25/20 10:10

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50		ug/L			09/01/20 13:34	1
Chloromethane	ND		0.50		ug/L			09/01/20 13:34	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 13:34	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 13:34	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 13:34	1
Dibromochloromethane	ND		0.50		ug/L			09/01/20 13:34	1
Dibromomethane	ND		0.50		ug/L			09/01/20 13:34	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 13:34	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 13:34	1
Iodomethane	ND		1.0		ug/L			09/01/20 13:34	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 13:34	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 13:34	1
o-Xylene	ND		0.50		ug/L			09/01/20 13:34	1
Styrene	ND		0.50		ug/L			09/01/20 13:34	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 13:34	1
Toluene	ND		0.50		ug/L			09/01/20 13:34	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 13:34	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 13:34	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 13:34	1
Trichloroethene	ND		0.50		ug/L			09/01/20 13:34	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 13:34	1
Vinyl acetate	ND		3.0		ug/L			09/01/20 13:34	1
Vinyl chloride	ND		0.50		ug/L			09/01/20 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 127		09/01/20 13:34	1
4-Bromofluorobenzene (Surr)	93		78 - 120		09/01/20 13:34	1
Dibromofluoromethane (Surr)	100		77 - 120		09/01/20 13:34	1
Toluene-d8 (Surr)	96		80 - 125		09/01/20 13:34	1

Client Sample ID: HVL-082520-04

Date Collected: 08/25/20 11:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 13:56	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 13:56	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 13:56	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 13:56	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 13:56	1
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 13:56	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 13:56	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 13:56	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 13:56	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 13:56	1
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 13:56	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 13:56	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 13:56	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 13:56	1
2-Hexanone	ND		5.0		ug/L			09/01/20 13:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 13:56	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-04

Date Collected: 08/25/20 11:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/L			09/01/20 13:56	1
Acrylonitrile	ND		20		ug/L			09/01/20 13:56	1
Benzene	ND		0.50		ug/L			09/01/20 13:56	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 13:56	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 13:56	1
Bromoform	ND		0.50		ug/L			09/01/20 13:56	1
Bromomethane	ND		0.50		ug/L			09/01/20 13:56	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 13:56	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 13:56	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 13:56	1
Chloroethane	ND		0.50		ug/L			09/01/20 13:56	1
Chloroform	ND		0.50		ug/L			09/01/20 13:56	1
Chloromethane	ND		0.50		ug/L			09/01/20 13:56	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 13:56	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 13:56	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 13:56	1
Dibromochloromethane	ND		0.50		ug/L			09/01/20 13:56	1
Dibromomethane	ND		0.50		ug/L			09/01/20 13:56	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 13:56	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 13:56	1
Iodomethane	ND		1.0		ug/L			09/01/20 13:56	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 13:56	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 13:56	1
o-Xylene	ND		0.50		ug/L			09/01/20 13:56	1
Styrene	ND		0.50		ug/L			09/01/20 13:56	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 13:56	1
Toluene	ND		0.50		ug/L			09/01/20 13:56	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 13:56	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 13:56	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 13:56	1
Trichloroethene	ND		0.50		ug/L			09/01/20 13:56	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 13:56	1
Vinyl acetate	ND		3.0		ug/L			09/01/20 13:56	1
Vinyl chloride	ND		0.50		ug/L			09/01/20 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	91		70 - 127		09/01/20 13:56	1
<i>4-Bromofluorobenzene (Surr)</i>	92		78 - 120		09/01/20 13:56	1
<i>Dibromofluoromethane (Surr)</i>	99		77 - 120		09/01/20 13:56	1
<i>Toluene-d8 (Surr)</i>	97		80 - 125		09/01/20 13:56	1

Client Sample ID: HVL-082520-05

Date Collected: 08/25/20 11:43

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 14:17	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 14:17	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 14:17	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 14:17	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 14:17	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-05

Date Collected: 08/25/20 11:43

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 14:17	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 14:17	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 14:17	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 14:17	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 14:17	1
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 14:17	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 14:17	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 14:17	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 14:17	1
2-Hexanone	ND		5.0		ug/L			09/01/20 14:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 14:17	1
Acetone	ND		10		ug/L			09/01/20 14:17	1
Acrylonitrile	ND		20		ug/L			09/01/20 14:17	1
Benzene	ND		0.50		ug/L			09/01/20 14:17	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 14:17	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 14:17	1
Bromoform	ND		0.50		ug/L			09/01/20 14:17	1
Bromomethane	ND		0.50		ug/L			09/01/20 14:17	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 14:17	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 14:17	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 14:17	1
Chloroethane	ND		0.50		ug/L			09/01/20 14:17	1
Chloroform	ND		0.50		ug/L			09/01/20 14:17	1
Chloromethane	ND		0.50		ug/L			09/01/20 14:17	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 14:17	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 14:17	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 14:17	1
Dibromochloromethane	ND		0.50		ug/L			09/01/20 14:17	1
Dibromomethane	ND		0.50		ug/L			09/01/20 14:17	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 14:17	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 14:17	1
Iodomethane	ND		1.0		ug/L			09/01/20 14:17	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 14:17	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 14:17	1
o-Xylene	ND		0.50		ug/L			09/01/20 14:17	1
Styrene	ND		0.50		ug/L			09/01/20 14:17	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 14:17	1
Toluene	ND		0.50		ug/L			09/01/20 14:17	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 14:17	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 14:17	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 14:17	1
Trichloroethene	ND		0.50		ug/L			09/01/20 14:17	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 14:17	1
Vinyl acetate	ND		3.0		ug/L			09/01/20 14:17	1
Vinyl chloride	ND		0.50		ug/L			09/01/20 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 127		09/01/20 14:17	1
4-Bromofluorobenzene (Surr)	92		78 - 120		09/01/20 14:17	1
Dibromofluoromethane (Surr)	99		77 - 120		09/01/20 14:17	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-05
Date Collected: 08/25/20 11:43
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 125		09/01/20 14:17	1

Client Sample ID: HVL-082520-06
Date Collected: 08/25/20 12:30
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 14:38	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 14:38	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 14:38	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 14:38	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 14:38	1
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 14:38	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 14:38	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 14:38	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 14:38	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 14:38	1
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 14:38	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 14:38	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 14:38	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 14:38	1
2-Hexanone	ND		5.0		ug/L			09/01/20 14:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 14:38	1
Acetone	ND		10		ug/L			09/01/20 14:38	1
Acrylonitrile	ND		20		ug/L			09/01/20 14:38	1
Benzene	ND		0.50		ug/L			09/01/20 14:38	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 14:38	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 14:38	1
Bromoform	ND		0.50		ug/L			09/01/20 14:38	1
Bromomethane	ND		0.50		ug/L			09/01/20 14:38	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 14:38	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 14:38	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 14:38	1
Chloroethane	ND		0.50		ug/L			09/01/20 14:38	1
Chloroform	ND		0.50		ug/L			09/01/20 14:38	1
Chloromethane	ND		0.50		ug/L			09/01/20 14:38	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 14:38	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 14:38	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 14:38	1
Dibromochloromethane	ND		0.50		ug/L			09/01/20 14:38	1
Dibromomethane	ND		0.50		ug/L			09/01/20 14:38	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 14:38	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 14:38	1
Iodomethane	ND		1.0		ug/L			09/01/20 14:38	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 14:38	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 14:38	1
o-Xylene	ND		0.50		ug/L			09/01/20 14:38	1
Styrene	ND		0.50		ug/L			09/01/20 14:38	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 14:38	1
Toluene	ND		0.50		ug/L			09/01/20 14:38	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-06

Date Collected: 08/25/20 12:30

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 14:38	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 14:38	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 14:38	1
Trichloroethene	ND		0.50		ug/L			09/01/20 14:38	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 14:38	1
Vinyl acetate	ND		3.0		ug/L			09/01/20 14:38	1
Vinyl chloride	ND		0.50		ug/L			09/01/20 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		70 - 127		09/01/20 14:38	1
4-Bromofluorobenzene (Surr)	92		78 - 120		09/01/20 14:38	1
Dibromofluoromethane (Surr)	98		77 - 120		09/01/20 14:38	1
Toluene-d8 (Surr)	96		80 - 125		09/01/20 14:38	1

Client Sample ID: HVL-082520-07

Date Collected: 08/25/20 13:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 14:59	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 14:59	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 14:59	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 14:59	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 14:59	1
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 14:59	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 14:59	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 14:59	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 14:59	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 14:59	1
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 14:59	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 14:59	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 14:59	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 14:59	1
2-Hexanone	ND		5.0		ug/L			09/01/20 14:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 14:59	1
Acetone	ND		10		ug/L			09/01/20 14:59	1
Acrylonitrile	ND		20		ug/L			09/01/20 14:59	1
Benzene	ND		0.50		ug/L			09/01/20 14:59	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 14:59	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 14:59	1
Bromoform	ND		0.50		ug/L			09/01/20 14:59	1
Bromomethane	ND		0.50		ug/L			09/01/20 14:59	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 14:59	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 14:59	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 14:59	1
Chloroethane	ND		0.50		ug/L			09/01/20 14:59	1
Chloroform	ND		0.50		ug/L			09/01/20 14:59	1
Chloromethane	ND		0.50		ug/L			09/01/20 14:59	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 14:59	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 14:59	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 14:59	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-07

Date Collected: 08/25/20 13:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		0.50		ug/L			09/01/20 14:59	1
Dibromomethane	ND		0.50		ug/L			09/01/20 14:59	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 14:59	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 14:59	1
Iodomethane	ND		1.0		ug/L			09/01/20 14:59	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 14:59	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 14:59	1
o-Xylene	ND		0.50		ug/L			09/01/20 14:59	1
Styrene	ND		0.50		ug/L			09/01/20 14:59	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 14:59	1
Toluene	ND		0.50		ug/L			09/01/20 14:59	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 14:59	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 14:59	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 14:59	1
Trichloroethene	ND		0.50		ug/L			09/01/20 14:59	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 14:59	1
Vinyl acetate	ND		3.0		ug/L			09/01/20 14:59	1
Vinyl chloride	ND		0.50		ug/L			09/01/20 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 127					09/01/20 14:59	1
4-Bromofluorobenzene (Surr)	93		78 - 120					09/01/20 14:59	1
Dibromofluoromethane (Surr)	100		77 - 120					09/01/20 14:59	1
Toluene-d8 (Surr)	97		80 - 125					09/01/20 14:59	1

Client Sample ID: HVL-082520-08

Date Collected: 08/25/20 13:28

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 15:21	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 15:21	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 15:21	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 15:21	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 15:21	1
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 15:21	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 15:21	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 15:21	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 15:21	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 15:21	1
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 15:21	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 15:21	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 15:21	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 15:21	1
2-Hexanone	ND		5.0		ug/L			09/01/20 15:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 15:21	1
Acetone	ND		10		ug/L			09/01/20 15:21	1
Acrylonitrile	ND		20		ug/L			09/01/20 15:21	1
Benzene	ND		0.50		ug/L			09/01/20 15:21	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 15:21	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 15:21	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-08

Date Collected: 08/25/20 13:28

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.50		ug/L			09/01/20 15:21	1
Bromomethane	ND		0.50		ug/L			09/01/20 15:21	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 15:21	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 15:21	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 15:21	1
Chloroethane	ND		0.50		ug/L			09/01/20 15:21	1
Chloroform	ND		0.50		ug/L			09/01/20 15:21	1
Chloromethane	ND		0.50		ug/L			09/01/20 15:21	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 15:21	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 15:21	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 15:21	1
Dibromochloromethane	ND		0.50		ug/L			09/01/20 15:21	1
Dibromomethane	ND		0.50		ug/L			09/01/20 15:21	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 15:21	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 15:21	1
Iodomethane	ND		1.0		ug/L			09/01/20 15:21	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 15:21	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 15:21	1
o-Xylene	ND		0.50		ug/L			09/01/20 15:21	1
Styrene	ND		0.50		ug/L			09/01/20 15:21	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 15:21	1
Toluene	ND		0.50		ug/L			09/01/20 15:21	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 15:21	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 15:21	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 15:21	1
Trichloroethene	ND		0.50		ug/L			09/01/20 15:21	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 15:21	1
Vinyl acetate	ND		3.0		ug/L			09/01/20 15:21	1
Vinyl chloride	ND		0.50		ug/L			09/01/20 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		70 - 127					09/01/20 15:21	1
4-Bromofluorobenzene (Surr)	93		78 - 120					09/01/20 15:21	1
Dibromofluoromethane (Surr)	98		77 - 120					09/01/20 15:21	1
Toluene-d8 (Surr)	96		80 - 125					09/01/20 15:21	1

Client Sample ID: HVL-082520-09

Date Collected: 08/25/20 14:10

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 15:42	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 15:42	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 15:42	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 15:42	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 15:42	1
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 15:42	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 15:42	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 15:42	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 15:42	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 15:42	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-09

Date Collected: 08/25/20 14:10

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 15:42	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 15:42	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 15:42	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 15:42	1
2-Hexanone	ND		5.0		ug/L			09/01/20 15:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 15:42	1
Acetone	ND		10		ug/L			09/01/20 15:42	1
Acrylonitrile	ND		20		ug/L			09/01/20 15:42	1
Benzene	ND		0.50		ug/L			09/01/20 15:42	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 15:42	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 15:42	1
Bromoform	ND		0.50		ug/L			09/01/20 15:42	1
Bromomethane	ND		0.50		ug/L			09/01/20 15:42	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 15:42	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 15:42	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 15:42	1
Chloroethane	ND		0.50		ug/L			09/01/20 15:42	1
Chloroform	ND		0.50		ug/L			09/01/20 15:42	1
Chloromethane	ND		0.50		ug/L			09/01/20 15:42	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 15:42	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 15:42	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 15:42	1
Dibromochloromethane	ND		0.50		ug/L			09/01/20 15:42	1
Dibromomethane	ND		0.50		ug/L			09/01/20 15:42	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 15:42	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 15:42	1
Iodomethane	ND		1.0		ug/L			09/01/20 15:42	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 15:42	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 15:42	1
o-Xylene	ND		0.50		ug/L			09/01/20 15:42	1
Styrene	ND		0.50		ug/L			09/01/20 15:42	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 15:42	1
Toluene	ND		0.50		ug/L			09/01/20 15:42	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 15:42	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 15:42	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 15:42	1
Trichloroethene	ND		0.50		ug/L			09/01/20 15:42	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 15:42	1
Vinyl acetate	ND		3.0		ug/L			09/01/20 15:42	1
Vinyl chloride	ND		0.50		ug/L			09/01/20 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		70 - 127		09/01/20 15:42	1
4-Bromofluorobenzene (Surr)	93		78 - 120		09/01/20 15:42	1
Dibromofluoromethane (Surr)	98		77 - 120		09/01/20 15:42	1
Toluene-d8 (Surr)	97		80 - 125		09/01/20 15:42	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: HVL-082520-10

Date Collected: 08/25/20 14:35

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 16:03	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 16:03	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 16:03	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 16:03	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 16:03	1
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 16:03	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 16:03	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 16:03	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 16:03	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 16:03	1
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 16:03	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 16:03	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 16:03	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 16:03	1
2-Hexanone	ND		5.0		ug/L			09/01/20 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 16:03	1
Acetone	ND		10		ug/L			09/01/20 16:03	1
Acrylonitrile	ND		20		ug/L			09/01/20 16:03	1
Benzene	ND		0.50		ug/L			09/01/20 16:03	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 16:03	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 16:03	1
Bromoform	ND		0.50		ug/L			09/01/20 16:03	1
Bromomethane	ND		0.50		ug/L			09/01/20 16:03	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 16:03	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 16:03	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 16:03	1
Chloroethane	ND		0.50		ug/L			09/01/20 16:03	1
Chloroform	ND		0.50		ug/L			09/01/20 16:03	1
Chloromethane	ND		0.50		ug/L			09/01/20 16:03	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 16:03	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 16:03	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 16:03	1
Dibromochloromethane	ND		0.50		ug/L			09/01/20 16:03	1
Dibromomethane	ND		0.50		ug/L			09/01/20 16:03	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 16:03	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 16:03	1
Iodomethane	ND		1.0		ug/L			09/01/20 16:03	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 16:03	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 16:03	1
o-Xylene	ND		0.50		ug/L			09/01/20 16:03	1
Styrene	ND		0.50		ug/L			09/01/20 16:03	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 16:03	1
Toluene	ND		0.50		ug/L			09/01/20 16:03	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 16:03	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 16:03	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 16:03	1
Trichloroethene	ND		0.50		ug/L			09/01/20 16:03	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 16:03	1
Vinyl acetate	ND		3.0		ug/L			09/01/20 16:03	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-10

Date Collected: 08/25/20 14:35

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			09/01/20 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 127					09/01/20 16:03	1
4-Bromofluorobenzene (Surr)	93		78 - 120					09/01/20 16:03	1
Dibromofluoromethane (Surr)	99		77 - 120					09/01/20 16:03	1
Toluene-d8 (Surr)	97		80 - 125					09/01/20 16:03	1

Client Sample ID: HVL-082520-11

Date Collected: 08/25/20 15:15

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 16:24	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 16:24	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 16:24	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 16:24	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 16:24	1
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 16:24	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 16:24	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 16:24	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 16:24	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 16:24	1
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 16:24	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 16:24	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 16:24	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 16:24	1
2-Hexanone	ND		5.0		ug/L			09/01/20 16:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 16:24	1
Acetone	ND		10		ug/L			09/01/20 16:24	1
Acrylonitrile	ND		20		ug/L			09/01/20 16:24	1
Benzene	ND		0.50		ug/L			09/01/20 16:24	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 16:24	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 16:24	1
Bromoform	ND		0.50		ug/L			09/01/20 16:24	1
Bromomethane	ND		0.50		ug/L			09/01/20 16:24	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 16:24	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 16:24	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 16:24	1
Chloroethane	ND		0.50		ug/L			09/01/20 16:24	1
Chloroform	ND		0.50		ug/L			09/01/20 16:24	1
Chloromethane	ND		0.50		ug/L			09/01/20 16:24	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 16:24	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 16:24	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 16:24	1
Dibromochloromethane	ND		0.50		ug/L			09/01/20 16:24	1
Dibromomethane	ND		0.50		ug/L			09/01/20 16:24	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 16:24	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 16:24	1
Iodomethane	ND		1.0		ug/L			09/01/20 16:24	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 16:24	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-11

Date Collected: 08/25/20 15:15

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 16:24	1
o-Xylene	ND		0.50		ug/L			09/01/20 16:24	1
Styrene	ND		0.50		ug/L			09/01/20 16:24	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 16:24	1
Toluene	ND		0.50		ug/L			09/01/20 16:24	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 16:24	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 16:24	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 16:24	1
Trichloroethene	ND		0.50		ug/L			09/01/20 16:24	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 16:24	1
Vinyl acetate	ND		3.0		ug/L			09/01/20 16:24	1
Vinyl chloride	ND		0.50		ug/L			09/01/20 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 127					09/01/20 16:24	1
4-Bromofluorobenzene (Surr)	93		78 - 120					09/01/20 16:24	1
Dibromofluoromethane (Surr)	99		77 - 120					09/01/20 16:24	1
Toluene-d8 (Surr)	97		80 - 125					09/01/20 16:24	1

Client Sample ID: HVL-082520-12

Date Collected: 08/25/20 15:28

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/03/20 12:39	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/03/20 12:39	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/03/20 12:39	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/03/20 12:39	1
1,1-Dichloroethane	ND		0.50		ug/L			09/03/20 12:39	1
1,1-Dichloroethene	ND		0.50		ug/L			09/03/20 12:39	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/03/20 12:39	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/03/20 12:39	1
1,2-Dibromoethane	ND		1.0		ug/L			09/03/20 12:39	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/03/20 12:39	1
1,2-Dichloroethane	ND		0.50		ug/L			09/03/20 12:39	1
1,2-Dichloropropane	ND		0.50		ug/L			09/03/20 12:39	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/03/20 12:39	1
2-Butanone (MEK)	ND		6.0		ug/L			09/03/20 12:39	1
2-Hexanone	ND		5.0		ug/L			09/03/20 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/03/20 12:39	1
Acetone	ND		10		ug/L			09/03/20 12:39	1
Acrylonitrile	ND		20		ug/L			09/03/20 12:39	1
Benzene	ND		0.50		ug/L			09/03/20 12:39	1
Bromochloromethane	ND		0.50		ug/L			09/03/20 12:39	1
Bromodichloromethane	ND		0.50		ug/L			09/03/20 12:39	1
Bromoform	ND		0.50		ug/L			09/03/20 12:39	1
Bromomethane	ND		0.50		ug/L			09/03/20 12:39	1
Carbon disulfide	ND		0.50		ug/L			09/03/20 12:39	1
Carbon tetrachloride	ND		0.50		ug/L			09/03/20 12:39	1
Chlorobenzene	ND		0.50		ug/L			09/03/20 12:39	1
Chloroethane	ND		0.50		ug/L			09/03/20 12:39	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HVL-082520-12

Date Collected: 08/25/20 15:28

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50		ug/L			09/03/20 12:39	1
Chloromethane	ND		0.50		ug/L			09/03/20 12:39	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/03/20 12:39	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/03/20 12:39	1
Dibromochloromethane	ND		0.50		ug/L			09/03/20 12:39	1
Dibromomethane	ND		0.50		ug/L			09/03/20 12:39	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/03/20 12:39	1
Ethylbenzene	ND		1.0		ug/L			09/03/20 12:39	1
Iodomethane	ND		1.0		ug/L			09/03/20 12:39	1
Methylene Chloride	ND		2.0		ug/L			09/03/20 12:39	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/03/20 12:39	1
o-Xylene	ND		0.50		ug/L			09/03/20 12:39	1
Styrene	ND		0.50		ug/L			09/03/20 12:39	1
Tetrachloroethene	ND		0.50		ug/L			09/03/20 12:39	1
Toluene	ND		0.50		ug/L			09/03/20 12:39	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/03/20 12:39	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/03/20 12:39	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/03/20 12:39	1
Trichloroethene	ND		0.50		ug/L			09/03/20 12:39	1
Trichlorofluoromethane	ND		0.50		ug/L			09/03/20 12:39	1
Vinyl acetate	ND		3.0		ug/L			09/03/20 12:39	1
Vinyl chloride	ND		0.50		ug/L			09/03/20 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 127		09/03/20 12:39	1
4-Bromofluorobenzene (Surr)	102		78 - 120		09/03/20 12:39	1
Dibromofluoromethane (Surr)	107		77 - 120		09/03/20 12:39	1
Toluene-d8 (Surr)	101		80 - 125		09/03/20 12:39	1

Client Sample ID: TRIP BLANK

Date Collected: 08/25/20 10:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/03/20 13:00	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/03/20 13:00	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/03/20 13:00	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/03/20 13:00	1
1,1-Dichloroethane	ND		0.50		ug/L			09/03/20 13:00	1
1,1-Dichloroethene	ND		0.50		ug/L			09/03/20 13:00	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/03/20 13:00	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/03/20 13:00	1
1,2-Dibromoethane	ND		1.0		ug/L			09/03/20 13:00	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/03/20 13:00	1
1,2-Dichloroethane	ND		0.50		ug/L			09/03/20 13:00	1
1,2-Dichloropropane	ND		0.50		ug/L			09/03/20 13:00	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/03/20 13:00	1
2-Butanone (MEK)	ND		6.0		ug/L			09/03/20 13:00	1
2-Hexanone	ND		5.0		ug/L			09/03/20 13:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/03/20 13:00	1
Acetone	ND		10		ug/L			09/03/20 13:00	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TRIP BLANK

Date Collected: 08/25/20 10:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	ND		20		ug/L			09/03/20 13:00	1
Benzene	ND		0.50		ug/L			09/03/20 13:00	1
Bromochloromethane	ND		0.50		ug/L			09/03/20 13:00	1
Bromodichloromethane	ND		0.50		ug/L			09/03/20 13:00	1
Bromoform	ND		0.50		ug/L			09/03/20 13:00	1
Bromomethane	ND		0.50		ug/L			09/03/20 13:00	1
Carbon disulfide	ND		0.50		ug/L			09/03/20 13:00	1
Carbon tetrachloride	ND		0.50		ug/L			09/03/20 13:00	1
Chlorobenzene	ND		0.50		ug/L			09/03/20 13:00	1
Chloroethane	ND		0.50		ug/L			09/03/20 13:00	1
Chloroform	ND		0.50		ug/L			09/03/20 13:00	1
Chloromethane	ND		0.50		ug/L			09/03/20 13:00	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/03/20 13:00	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/03/20 13:00	1
Dibromochloromethane	ND		0.50		ug/L			09/03/20 13:00	1
Dibromomethane	ND		0.50		ug/L			09/03/20 13:00	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/03/20 13:00	1
Ethylbenzene	ND		1.0		ug/L			09/03/20 13:00	1
Iodomethane	ND		1.0		ug/L			09/03/20 13:00	1
Methylene Chloride	ND		2.0		ug/L			09/03/20 13:00	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/03/20 13:00	1
o-Xylene	ND		0.50		ug/L			09/03/20 13:00	1
Styrene	ND		0.50		ug/L			09/03/20 13:00	1
Tetrachloroethene	ND		0.50		ug/L			09/03/20 13:00	1
Toluene	ND		0.50		ug/L			09/03/20 13:00	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/03/20 13:00	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/03/20 13:00	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/03/20 13:00	1
Trichloroethene	ND		0.50		ug/L			09/03/20 13:00	1
Trichlorofluoromethane	ND		0.50		ug/L			09/03/20 13:00	1
Vinyl acetate	ND		3.0		ug/L			09/03/20 13:00	1
Vinyl chloride	ND		0.50		ug/L			09/03/20 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 127		09/03/20 13:00	1
4-Bromofluorobenzene (Surr)	101		78 - 120		09/03/20 13:00	1
Dibromofluoromethane (Surr)	109		77 - 120		09/03/20 13:00	1
Toluene-d8 (Surr)	101		80 - 125		09/03/20 13:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Client Sample ID: HVL-082520-12

Date Collected: 08/25/20 15:28

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/04/20 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 127		09/04/20 16:55	1
4-Bromofluorobenzene (Surr)	100		78 - 120		09/04/20 16:55	1

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Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA (Continued)

Client Sample ID: HVL-082520-12
Date Collected: 08/25/20 15:28
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		77 - 120		09/04/20 16:55	1
Toluene-d8 (Surr)	98		80 - 125		09/04/20 16:55	1

Client Sample ID: TRIP BLANK
Date Collected: 08/25/20 10:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/04/20 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 127		09/04/20 17:16	1
4-Bromofluorobenzene (Surr)	98		78 - 120		09/04/20 17:16	1
Dibromofluoromethane (Surr)	101		77 - 120		09/04/20 17:16	1
Toluene-d8 (Surr)	96		80 - 125		09/04/20 17:16	1

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: HVL-082520-01
Date Collected: 08/25/20 10:05
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	15		0.20		mg/L			09/15/20 13:13	1

Client Sample ID: HVL-082520-02
Date Collected: 08/25/20 10:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	7.9		0.20		mg/L			09/15/20 13:45	1

Client Sample ID: HVL-082520-03
Date Collected: 08/25/20 10:10
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	15		0.20		mg/L			09/15/20 14:17	1

Client Sample ID: HVL-082520-04
Date Collected: 08/25/20 11:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	7.9		0.20		mg/L			09/15/20 14:49	1

Client Sample ID: HVL-082520-05
Date Collected: 08/25/20 11:43
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	15		0.20		mg/L			09/15/20 15:52	1

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Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: HVL-082520-06

Date Collected: 08/25/20 12:30

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	7.1		0.20		mg/L			09/15/20 16:24	1

Client Sample ID: HVL-082520-08

Date Collected: 08/25/20 13:28

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		0.20		mg/L			09/15/20 17:27	1
Sulfate	3.8		0.20		mg/L			09/15/20 17:27	1

Client Sample ID: HVL-082520-09

Date Collected: 08/25/20 14:10

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	20		0.20		mg/L			09/15/20 17:59	1

Client Sample ID: HVL-082520-10

Date Collected: 08/25/20 14:35

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.7		0.20		mg/L			09/15/20 19:03	1
Sulfate	10		0.20		mg/L			09/15/20 19:03	1

Client Sample ID: HVL-082520-11

Date Collected: 08/25/20 15:15

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	17		0.20		mg/L			09/15/20 19:34	1

Client Sample ID: HVL-082520-12

Date Collected: 08/25/20 15:28

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		0.20		mg/L			09/15/20 20:06	1
Sulfate	3.2		0.20		mg/L			09/15/20 20:06	1

Method: 300.0 - Anions, Ion Chromatography - DL

Client Sample ID: HVL-082520-01

Date Collected: 08/25/20 10:05

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.2		1.2		mg/L			09/15/20 13:29	20

Client Sample ID: HVL-082520-02

Date Collected: 08/25/20 10:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.7		1.2		mg/L			09/15/20 14:01	20

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Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 300.0 - Anions, Ion Chromatography - DL

Client Sample ID: HVL-082520-03

Date Collected: 08/25/20 10:10

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.8		1.2		mg/L			09/15/20 14:33	20

Client Sample ID: HVL-082520-04

Date Collected: 08/25/20 11:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.2		mg/L			09/15/20 15:04	20

Client Sample ID: HVL-082520-05

Date Collected: 08/25/20 11:43

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.1		1.2		mg/L			09/15/20 16:08	20

Client Sample ID: HVL-082520-06

Date Collected: 08/25/20 12:30

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14		1.2		mg/L			09/15/20 16:39	20

Client Sample ID: HVL-082520-07

Date Collected: 08/25/20 13:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.4		1.2		mg/L			09/15/20 17:11	20
Sulfate	19		1.0		mg/L			09/15/20 17:11	20

Client Sample ID: HVL-082520-09

Date Collected: 08/25/20 14:10

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.1		1.2		mg/L			09/15/20 18:15	20

Client Sample ID: HVL-082520-11

Date Collected: 08/25/20 15:15

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.2		mg/L			09/15/20 19:50	20

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: HVL-082520-01

Date Collected: 08/25/20 10:05

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	34		0.20		mg/L		08/27/20 16:20	08/28/20 18:18	1
Magnesium, Dissolved	10		0.10		mg/L		08/27/20 16:20	08/28/20 18:18	1
Potassium, Dissolved	2.0		2.0		mg/L		08/27/20 16:20	08/28/20 18:18	1
Sodium, Dissolved	8.2		1.0		mg/L		08/27/20 16:20	08/28/20 18:18	1

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Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: HVL-082520-02
Date Collected: 08/25/20 10:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	23		0.20		mg/L		08/27/20 16:20	08/28/20 18:21	1
Magnesium, Dissolved	9.1		0.10		mg/L		08/27/20 16:20	08/28/20 18:21	1
Potassium, Dissolved	2.9		2.0		mg/L		08/27/20 16:20	08/28/20 18:21	1
Sodium, Dissolved	11		1.0		mg/L		08/27/20 16:20	08/28/20 18:21	1

Client Sample ID: HVL-082520-03
Date Collected: 08/25/20 10:10
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	35		0.20		mg/L		08/27/20 16:20	08/28/20 18:25	1
Magnesium, Dissolved	11		0.10		mg/L		08/27/20 16:20	08/28/20 18:25	1
Potassium, Dissolved	2.0		2.0		mg/L		08/27/20 16:20	08/28/20 18:25	1
Sodium, Dissolved	8.4		1.0		mg/L		08/27/20 16:20	08/28/20 18:25	1

Client Sample ID: HVL-082520-04
Date Collected: 08/25/20 11:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	28		0.20		mg/L		08/27/20 16:20	08/28/20 18:28	1
Magnesium, Dissolved	8.4		0.10		mg/L		08/27/20 16:20	08/28/20 18:28	1
Potassium, Dissolved	9.0		2.0		mg/L		08/27/20 16:20	08/28/20 18:28	1
Sodium, Dissolved	21		1.0		mg/L		08/27/20 16:20	08/28/20 18:28	1

Client Sample ID: HVL-082520-05
Date Collected: 08/25/20 11:43
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	35		0.20		mg/L		08/27/20 16:20	08/28/20 18:31	1
Magnesium, Dissolved	11		0.10		mg/L		08/27/20 16:20	08/28/20 18:31	1
Potassium, Dissolved	2.1		2.0		mg/L		08/27/20 16:20	08/28/20 18:31	1
Sodium, Dissolved	8.6		1.0		mg/L		08/27/20 16:20	08/28/20 18:31	1

Client Sample ID: HVL-082520-06
Date Collected: 08/25/20 12:30
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	33		0.20		mg/L		08/27/20 16:20	08/28/20 18:35	1
Magnesium, Dissolved	11		0.10		mg/L		08/27/20 16:20	08/28/20 18:35	1
Potassium, Dissolved	15		2.0		mg/L		08/27/20 16:20	08/28/20 18:35	1
Sodium, Dissolved	25		1.0		mg/L		08/27/20 16:20	08/28/20 18:35	1

Client Sample ID: HVL-082520-07
Date Collected: 08/25/20 13:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	27		0.20		mg/L		08/27/20 16:20	08/28/20 18:51	1
Magnesium, Dissolved	7.6		0.10		mg/L		08/27/20 16:20	08/28/20 18:51	1
Potassium, Dissolved	3.9		2.0		mg/L		08/27/20 16:20	08/28/20 18:51	1
Sodium, Dissolved	15		1.0		mg/L		08/27/20 16:20	08/28/20 18:51	1

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Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: HVL-082520-08
Date Collected: 08/25/20 13:28
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	7.8		0.20		mg/L		08/27/20 16:20	08/28/20 18:55	1
Magnesium, Dissolved	4.4		0.10		mg/L		08/27/20 16:20	08/28/20 18:55	1
Potassium, Dissolved	ND		2.0		mg/L		08/27/20 16:20	08/28/20 18:55	1
Sodium, Dissolved	4.8		1.0		mg/L		08/27/20 16:20	08/28/20 18:55	1

Client Sample ID: HVL-082520-09
Date Collected: 08/25/20 14:10
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	29		0.20		mg/L		08/27/20 16:20	08/28/20 18:58	1
Magnesium, Dissolved	9.7		0.10		mg/L		08/27/20 16:20	08/28/20 18:58	1
Potassium, Dissolved	3.5		2.0		mg/L		08/27/20 16:20	08/28/20 18:58	1
Sodium, Dissolved	16		1.0		mg/L		08/27/20 16:20	08/28/20 18:58	1

Client Sample ID: HVL-082520-10
Date Collected: 08/25/20 14:35
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	21		0.20		mg/L		08/27/20 16:20	08/28/20 19:02	1
Magnesium, Dissolved	9.1		0.10		mg/L		08/27/20 16:20	08/28/20 19:02	1
Potassium, Dissolved	2.3		2.0		mg/L		08/27/20 16:20	08/28/20 19:02	1
Sodium, Dissolved	6.1		1.0		mg/L		08/27/20 16:20	08/28/20 19:02	1

Client Sample ID: HVL-082520-11
Date Collected: 08/25/20 15:15
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	25		0.20		mg/L		08/27/20 16:20	08/28/20 19:05	1
Magnesium, Dissolved	7.2		0.10		mg/L		08/27/20 16:20	08/28/20 19:05	1
Potassium, Dissolved	2.8		2.0		mg/L		08/27/20 16:20	08/28/20 19:05	1
Sodium, Dissolved	23		1.0		mg/L		08/27/20 16:20	08/28/20 19:05	1

Client Sample ID: HVL-082520-12
Date Collected: 08/25/20 15:28
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	7.8		0.20		mg/L		08/27/20 16:20	08/28/20 19:08	1
Magnesium, Dissolved	3.9		0.10		mg/L		08/27/20 16:20	08/28/20 19:08	1
Potassium, Dissolved	2.0		2.0		mg/L		08/27/20 16:20	08/28/20 19:08	1
Sodium, Dissolved	5.3		1.0		mg/L		08/27/20 16:20	08/28/20 19:08	1

Method: 6020 - Metals (ICP/MS) - Dissolved

Client Sample ID: HVL-082520-01
Date Collected: 08/25/20 10:05
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	ND		0.0010		mg/L		08/27/20 16:20	08/31/20 12:15	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 6020 - Metals (ICP/MS) - Dissolved

Client Sample ID: HVL-082520-02
Date Collected: 08/25/20 10:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	ND		0.0010		mg/L		08/27/20 16:20	08/31/20 12:19	1

Client Sample ID: HVL-082520-03
Date Collected: 08/25/20 10:10
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	ND		0.0010		mg/L		08/27/20 16:20	08/31/20 12:22	1

Client Sample ID: HVL-082520-04
Date Collected: 08/25/20 11:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	ND		0.0010		mg/L		08/27/20 16:20	08/31/20 12:26	1

Client Sample ID: HVL-082520-05
Date Collected: 08/25/20 11:43
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	ND		0.0010		mg/L		08/27/20 16:20	08/31/20 12:30	1

Client Sample ID: HVL-082520-06
Date Collected: 08/25/20 12:30
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	0.84		0.0010		mg/L		08/27/20 16:20	08/31/20 12:33	1

Client Sample ID: HVL-082520-07
Date Collected: 08/25/20 13:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	0.0017		0.0010		mg/L		08/27/20 16:20	08/31/20 19:17	1

Client Sample ID: HVL-082520-08
Date Collected: 08/25/20 13:28
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	0.19		0.0010		mg/L		08/27/20 16:20	08/31/20 19:21	1

Client Sample ID: HVL-082520-09
Date Collected: 08/25/20 14:10
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	ND		0.0010		mg/L		08/27/20 16:20	08/31/20 19:25	1

Client Sample ID: HVL-082520-10
Date Collected: 08/25/20 14:35
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	0.42		0.0010		mg/L		08/27/20 16:20	08/31/20 19:28	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 6020 - Metals (ICP/MS) - Dissolved

Client Sample ID: HVL-082520-11

Date Collected: 08/25/20 15:15

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	1.3		0.0010		mg/L		08/27/20 16:20	08/31/20 19:32	1

Client Sample ID: HVL-082520-12

Date Collected: 08/25/20 15:28

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	ND		0.0010		mg/L		08/27/20 16:20	08/31/20 19:36	1

General Chemistry

Client Sample ID: HVL-082520-01

Date Collected: 08/25/20 10:05

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.87		0.20		mg/L			08/26/20 15:43	1
Ammonia	ND		0.10		mg/L			08/28/20 14:44	1
Alkalinity	110		10		mg/L			08/27/20 15:20	1
Total Dissolved Solids	180		10		mg/L			08/31/20 14:24	1
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	1.4		1.0		mg/L			09/10/20 23:52	1

Client Sample ID: HVL-082520-02

Date Collected: 08/25/20 10:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.7		0.20		mg/L			08/26/20 15:26	1
Ammonia	ND		0.10		mg/L			08/28/20 14:50	1
Alkalinity	92		10		mg/L			08/27/20 15:25	1
Total Dissolved Solids	160		10		mg/L			08/31/20 14:24	1
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	ND		1.0		mg/L			09/11/20 00:51	1

Client Sample ID: HVL-082520-03

Date Collected: 08/25/20 10:10

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.86		0.20		mg/L			08/26/20 16:00	1
Ammonia	ND		0.10		mg/L			08/28/20 14:52	1
Alkalinity	120		10		mg/L			08/27/20 15:30	1
Total Dissolved Solids	170		10		mg/L			08/31/20 14:24	1
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	1.4		1.0		mg/L			09/11/20 02:05	1

Client Sample ID: HVL-082520-04

Date Collected: 08/25/20 11:00

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.6		0.20		mg/L			08/26/20 16:32	1
Ammonia	ND		0.10		mg/L			08/28/20 14:54	1
Alkalinity	120		10		mg/L			08/27/20 15:35	1
Total Dissolved Solids	200		10		mg/L			08/31/20 14:24	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

General Chemistry (Continued)

Client Sample ID: HVL-082520-04
Date Collected: 08/25/20 11:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	1.1		1.0		mg/L			09/11/20 02:20	1

Client Sample ID: HVL-082520-05
Date Collected: 08/25/20 11:43
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.56		0.20		mg/L			08/26/20 18:27	1
Ammonia	ND		0.10		mg/L			08/28/20 14:56	1
Alkalinity	120		10		mg/L			08/27/20 15:41	1
Total Dissolved Solids	180		10		mg/L			08/31/20 14:24	1
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	1.2		1.0		mg/L			09/11/20 02:37	1

Client Sample ID: HVL-082520-06
Date Collected: 08/25/20 12:30
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.88		0.20		mg/L			08/26/20 18:44	1
Ammonia	4.2		0.10		mg/L			08/28/20 14:58	1
Alkalinity	170		10		mg/L			08/27/20 15:46	1
Total Dissolved Solids	250		10		mg/L			08/31/20 14:24	1
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	1.7		1.0		mg/L			09/11/20 02:52	1

Client Sample ID: HVL-082520-07
Date Collected: 08/25/20 13:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.20		mg/L			08/26/20 19:00	1
Ammonia	ND		0.10		mg/L			08/28/20 15:00	1
Alkalinity	99		10		mg/L			08/27/20 15:51	1
Total Dissolved Solids	170		10		mg/L			08/31/20 14:24	1
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	ND		1.0		mg/L			09/11/20 03:06	1

Client Sample ID: HVL-082520-08
Date Collected: 08/25/20 13:28
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.20		mg/L			08/26/20 19:17	1
Ammonia	ND		0.10		mg/L			08/28/20 15:02	1
Alkalinity	50		10		mg/L			08/27/20 16:19	1
Total Dissolved Solids	110		10		mg/L			08/30/20 16:55	1
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	ND		1.0		mg/L			09/11/20 03:21	1

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

General Chemistry

Client Sample ID: HVL-082520-09

Date Collected: 08/25/20 14:10

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.20		mg/L			08/26/20 19:33	1
Ammonia	ND		0.10		mg/L			08/28/20 15:16	1
Alkalinity	110		10		mg/L			08/27/20 16:29	1
Total Dissolved Solids	190		10		mg/L			08/30/20 16:55	1
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	ND		1.0		mg/L			09/11/20 03:36	1

Client Sample ID: HVL-082520-10

Date Collected: 08/25/20 14:35

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.20		mg/L			08/26/20 19:49	1
Ammonia	ND		0.10		mg/L			08/28/20 15:18	1
Alkalinity	87		10		mg/L			08/27/20 16:35	1
Total Dissolved Solids	130		10		mg/L			08/30/20 16:55	1
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	ND		1.0		mg/L			09/11/20 03:51	1

Client Sample ID: HVL-082520-11

Date Collected: 08/25/20 15:15

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.20		mg/L			08/26/20 21:28	1
Ammonia	ND	F1	0.10		mg/L			08/28/20 15:20	1
Alkalinity	120		10		mg/L			08/27/20 16:40	1
Total Dissolved Solids	200		10		mg/L			08/30/20 16:55	1
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	1.1		1.0		mg/L			09/11/20 04:07	1

Client Sample ID: HVL-082520-12

Date Collected: 08/25/20 15:28

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.20		mg/L			08/26/20 21:44	1
Ammonia	ND		0.10		mg/L			08/28/20 15:26	1
Alkalinity	48		10		mg/L			08/27/20 16:45	1
Total Dissolved Solids	99		10		mg/L			08/30/20 16:55	1
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1
Total Organic Carbon - Quad	ND		1.0		mg/L			09/11/20 04:52	1

Method: LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F - General Subcontract Method)

Client Sample ID: HVL-082520-01

Date Collected: 08/25/20 10:05

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	U	10		µg/L		09/14/20 11:13	09/15/20 00:01	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F - General Subcontract Method)

Client Sample ID: HVL-082520-02
Date Collected: 08/25/20 10:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	U	10		µg/L	-	09/14/20 11:13	09/15/20 00:14	1

Client Sample ID: HVL-082520-03
Date Collected: 08/25/20 10:10
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	U	10		µg/L	-	09/14/20 11:13	09/15/20 01:05	1

Client Sample ID: HVL-082520-04
Date Collected: 08/25/20 11:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	U	10		µg/L	-	09/14/20 11:13	09/15/20 01:10	1

Client Sample ID: HVL-082520-05
Date Collected: 08/25/20 11:43
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	U	10		µg/L	-	09/14/20 11:13	09/15/20 01:14	1

Client Sample ID: HVL-082520-06
Date Collected: 08/25/20 12:30
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	U	10		µg/L	-	09/14/20 11:13	09/15/20 01:19	1

Client Sample ID: HVL-082520-07
Date Collected: 08/25/20 13:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	U	10		µg/L	-	09/14/20 11:13	09/15/20 01:33	1

Client Sample ID: HVL-082520-08
Date Collected: 08/25/20 13:28
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	50		10		µg/L	-	09/14/20 11:13	09/15/20 01:37	1

Client Sample ID: HVL-082520-09
Date Collected: 08/25/20 14:10
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	U	10		µg/L	-	09/14/20 11:13	09/15/20 01:42	1

Client Sample ID: HVL-082520-10
Date Collected: 08/25/20 14:35
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	711		10		µg/L	-	09/14/20 11:13	09/15/20 01:46	1

Eurofins TestAmerica, Denver

Client Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F - General Subcontract Method)

Client Sample ID: HVL-082520-11

Date Collected: 08/25/20 15:15

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	150		10		µg/L		09/14/20 11:13	09/15/20 01:51	1

Client Sample ID: HVL-082520-12

Date Collected: 08/25/20 15:28

Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	U	10		µg/L		09/14/20 11:13	09/15/20 01:56	1

Surrogate Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-127)	BFB (78-120)	DBFM (77-120)	TOL (80-125)
280-139814-1	HVL-082520-01	90	92	99	96
280-139814-2	HVL-082520-02	91	93	99	96
280-139814-3	HVL-082520-03	91	93	100	96
280-139814-4	HVL-082520-04	91	92	99	97
280-139814-5	HVL-082520-05	91	92	99	96
280-139814-6	HVL-082520-06	89	92	98	96
280-139814-7	HVL-082520-07	91	93	100	97
280-139814-8	HVL-082520-08	90	93	98	96
280-139814-9	HVL-082520-09	90	93	98	97
280-139814-10	HVL-082520-10	91	93	99	97
280-139814-11	HVL-082520-11	92	93	99	97
280-139814-12	HVL-082520-12	112	102	107	101
280-139814-12 - RA	HVL-082520-12	112	100	100	98
280-139814-13	TRIP BLANK	113	101	109	101
280-139814-13 - RA	TRIP BLANK	113	98	101	96
280-139870-C-23 MS	Matrix Spike	109	105	102	101
280-139870-C-23 MSD	Matrix Spike Duplicate	108	103	102	101
280-140086-A-3 MS	Matrix Spike	110	97	103	96
280-140086-A-3 MSD	Matrix Spike Duplicate	115	98	106	97
LCS 280-507505/5	Lab Control Sample	89	93	101	97
LCS 280-507847/4	Lab Control Sample	104	102	102	101
LCS 280-507993/4	Lab Control Sample	111	99	105	98
LCSD 280-507505/6	Lab Control Sample Dup	89	93	101	97
LCSD 280-507847/5	Lab Control Sample Dup	106	103	102	102
MB 280-507505/9	Method Blank	89	93	101	97
MB 280-507847/9	Method Blank	110	102	105	102
MB 280-507993/8	Method Blank	112	99	99	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 280-507505/9
Matrix: Water
Analysis Batch: 507505

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 09:20	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/01/20 09:20	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/01/20 09:20	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/01/20 09:20	1
1,1-Dichloroethane	ND		0.50		ug/L			09/01/20 09:20	1
1,1-Dichloroethene	ND		0.50		ug/L			09/01/20 09:20	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/01/20 09:20	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/01/20 09:20	1
1,2-Dibromoethane	ND		1.0		ug/L			09/01/20 09:20	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/01/20 09:20	1
1,2-Dichloroethane	ND		0.50		ug/L			09/01/20 09:20	1
1,2-Dichloropropane	ND		0.50		ug/L			09/01/20 09:20	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/01/20 09:20	1
2-Butanone (MEK)	ND		6.0		ug/L			09/01/20 09:20	1
2-Hexanone	ND		5.0		ug/L			09/01/20 09:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/01/20 09:20	1
Acetone	ND		10		ug/L			09/01/20 09:20	1
Acrylonitrile	ND		20		ug/L			09/01/20 09:20	1
Benzene	ND		0.50		ug/L			09/01/20 09:20	1
Bromochloromethane	ND		0.50		ug/L			09/01/20 09:20	1
Bromodichloromethane	ND		0.50		ug/L			09/01/20 09:20	1
Bromoform	ND		0.50		ug/L			09/01/20 09:20	1
Bromomethane	ND		0.50		ug/L			09/01/20 09:20	1
Carbon disulfide	ND		0.50		ug/L			09/01/20 09:20	1
Carbon tetrachloride	ND		0.50		ug/L			09/01/20 09:20	1
Chlorobenzene	ND		0.50		ug/L			09/01/20 09:20	1
Chloroethane	ND		0.50		ug/L			09/01/20 09:20	1
Chloroform	ND		0.50		ug/L			09/01/20 09:20	1
Chloromethane	ND		0.50		ug/L			09/01/20 09:20	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 09:20	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 09:20	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 09:20	1
Dibromochloromethane	ND		0.50		ug/L			09/01/20 09:20	1
Dibromomethane	ND		0.50		ug/L			09/01/20 09:20	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/01/20 09:20	1
Ethylbenzene	ND		1.0		ug/L			09/01/20 09:20	1
Iodomethane	ND		1.0		ug/L			09/01/20 09:20	1
Methylene Chloride	ND		2.0		ug/L			09/01/20 09:20	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/01/20 09:20	1
o-Xylene	ND		0.50		ug/L			09/01/20 09:20	1
Styrene	ND		0.50		ug/L			09/01/20 09:20	1
Tetrachloroethene	ND		0.50		ug/L			09/01/20 09:20	1
Toluene	ND		0.50		ug/L			09/01/20 09:20	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/01/20 09:20	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/01/20 09:20	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/01/20 09:20	1
Trichloroethene	ND		0.50		ug/L			09/01/20 09:20	1
Trichlorofluoromethane	ND		0.50		ug/L			09/01/20 09:20	1

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QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 280-507505/9
Matrix: Water
Analysis Batch: 507505

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		3.0		ug/L			09/01/20 09:20	1
Vinyl chloride	ND		0.50		ug/L			09/01/20 09:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		70 - 127					09/01/20 09:20	1
4-Bromofluorobenzene (Surr)	93		78 - 120					09/01/20 09:20	1
Dibromofluoromethane (Surr)	101		77 - 120					09/01/20 09:20	1
Toluene-d8 (Surr)	97		80 - 125					09/01/20 09:20	1

Lab Sample ID: LCS 280-507505/5
Matrix: Water
Analysis Batch: 507505

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	26.1		ug/L		104	65 - 135
1,1,1-Trichloroethane	25.0	24.6		ug/L		98	65 - 135
1,1,1,2-Tetrachloroethane	25.0	25.7		ug/L		103	58 - 135
1,1,2-Trichloroethane	25.0	25.9		ug/L		104	64 - 135
1,1-Dichloroethane	25.0	25.0		ug/L		100	65 - 135
1,1-Dichloroethene	25.0	23.0		ug/L		92	65 - 136
1,2,3-Trichloropropane	25.0	25.6		ug/L		102	65 - 135
1,2-Dibromo-3-Chloropropane	25.0	19.5		ug/L		78	57 - 135
1,2-Dibromoethane	25.0	25.8		ug/L		103	65 - 135
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	65 - 135
1,2-Dichloroethane	25.0	25.7		ug/L		103	65 - 135
1,2-Dichloropropane	25.0	26.8		ug/L		107	64 - 135
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	65 - 135
2-Butanone (MEK)	100	99.5		ug/L		100	44 - 177
2-Hexanone	100	108		ug/L		108	57 - 139
4-Methyl-2-pentanone (MIBK)	100	108		ug/L		108	60 - 150
Acetone	100	99.9		ug/L		100	39 - 156
Acrylonitrile	250	259		ug/L		104	56 - 135
Benzene	25.0	24.5		ug/L		98	65 - 135
Bromochloromethane	25.0	25.2		ug/L		101	65 - 135
Bromodichloromethane	25.0	24.0		ug/L		96	65 - 135
Bromoform	25.0	19.7		ug/L		79	62 - 135
Bromomethane	25.0	26.9		ug/L		108	45 - 135
Carbon disulfide	25.0	19.6		ug/L		78	55 - 143
Carbon tetrachloride	25.0	25.0		ug/L		100	65 - 135
Chlorobenzene	25.0	25.2		ug/L		101	65 - 135
Chloroethane	25.0	26.8		ug/L		107	46 - 136
Chloroform	25.0	25.6		ug/L		102	65 - 135
Chloromethane	25.0	18.8		ug/L		75	34 - 145
cis-1,2-Dichloroethene	25.0	24.9		ug/L		99	65 - 135
cis-1,3-Dichloropropene	25.0	26.9		ug/L		107	65 - 135
Dibromochloromethane	25.0	22.4		ug/L		90	65 - 135
Dibromomethane	25.0	26.2		ug/L		105	65 - 135
Dichlorodifluoromethane	25.0	22.1		ug/L		88	43 - 142

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QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 280-507505/5
Matrix: Water
Analysis Batch: 507505

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	25.0	24.7		ug/L		99	65 - 135
Iodomethane	25.0	17.7		ug/L		71	65 - 142
Methylene Chloride	25.0	24.5		ug/L		98	54 - 141
m-Xylene & p-Xylene	25.0	24.9		ug/L		100	65 - 135
o-Xylene	25.0	25.0		ug/L		100	65 - 135
Styrene	25.0	26.5		ug/L		106	65 - 135
Tetrachloroethene	25.0	23.7		ug/L		95	65 - 135
Toluene	25.0	24.5		ug/L		98	65 - 135
trans-1,2-Dichloroethene	25.0	23.3		ug/L		93	65 - 135
trans-1,3-Dichloropropene	25.0	22.1		ug/L		88	65 - 135
trans-1,4-Dichloro-2-butene	25.0	16.3		ug/L		65	53 - 135
Trichloroethene	25.0	23.1		ug/L		92	65 - 135
Trichlorofluoromethane	25.0	25.4		ug/L		102	53 - 137
Vinyl acetate	50.0	55.5		ug/L		111	11 - 187
Vinyl chloride	25.0	22.4		ug/L		90	40 - 137

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		70 - 127
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120
Toluene-d8 (Surr)	97		80 - 125

Lab Sample ID: LCSD 280-507505/6
Matrix: Water
Analysis Batch: 507505

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	25.0	27.0		ug/L		108	65 - 135	3	20
1,1,1-Trichloroethane	25.0	25.3		ug/L		101	65 - 135	3	20
1,1,2,2-Tetrachloroethane	25.0	27.9		ug/L		112	58 - 135	8	20
1,1,2-Trichloroethane	25.0	26.9		ug/L		108	64 - 135	4	27
1,1-Dichloroethane	25.0	25.5		ug/L		102	65 - 135	2	21
1,1-Dichloroethene	25.0	23.2		ug/L		93	65 - 136	1	20
1,2,3-Trichloropropane	25.0	27.6		ug/L		110	65 - 135	7	23
1,2-Dibromo-3-Chloropropane	25.0	22.4		ug/L		89	57 - 135	13	22
1,2-Dibromoethane	25.0	26.8		ug/L		107	65 - 135	4	27
1,2-Dichlorobenzene	25.0	25.6		ug/L		103	65 - 135	4	20
1,2-Dichloroethane	25.0	26.3		ug/L		105	65 - 135	2	20
1,2-Dichloropropane	25.0	27.3		ug/L		109	64 - 135	2	20
1,4-Dichlorobenzene	25.0	26.2		ug/L		105	65 - 135	3	23
2-Butanone (MEK)	100	113		ug/L		113	44 - 177	12	32
2-Hexanone	100	123		ug/L		123	57 - 139	13	25
4-Methyl-2-pentanone (MIBK)	100	119		ug/L		119	60 - 150	10	22
Acetone	100	110		ug/L		110	39 - 156	10	23
Acrylonitrile	250	284		ug/L		114	56 - 135	9	30
Benzene	25.0	25.1		ug/L		100	65 - 135	3	20
Bromochloromethane	25.0	26.1		ug/L		104	65 - 135	3	29
Bromodichloromethane	25.0	24.7		ug/L		99	65 - 135	3	20

Eurofins TestAmerica, Denver

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 280-507505/6
Matrix: Water
Analysis Batch: 507505

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	25.0	21.1		ug/L		84	62 - 135	7	27
Bromomethane	25.0	25.2		ug/L		101	45 - 135	7	33
Carbon disulfide	25.0	19.8		ug/L		79	55 - 143	1	20
Carbon tetrachloride	25.0	25.5		ug/L		102	65 - 135	2	21
Chlorobenzene	25.0	25.9		ug/L		103	65 - 135	3	20
Chloroethane	25.0	26.4		ug/L		105	46 - 136	2	25
Chloroform	25.0	26.1		ug/L		105	65 - 135	2	20
Chloromethane	25.0	18.9		ug/L		76	34 - 145	0	24
cis-1,2-Dichloroethene	25.0	25.6		ug/L		102	65 - 135	3	20
cis-1,3-Dichloropropene	25.0	27.6		ug/L		110	65 - 135	3	26
Dibromochloromethane	25.0	23.2		ug/L		93	65 - 135	3	20
Dibromomethane	25.0	27.1		ug/L		108	65 - 135	3	26
Dichlorodifluoromethane	25.0	22.1		ug/L		88	43 - 142	0	30
Ethylbenzene	25.0	25.5		ug/L		102	65 - 135	3	20
Iodomethane	25.0	17.4		ug/L		70	65 - 142	2	25
Methylene Chloride	25.0	25.0		ug/L		100	54 - 141	2	26
m-Xylene & p-Xylene	25.0	25.6		ug/L		102	65 - 135	3	20
o-Xylene	25.0	25.8		ug/L		103	65 - 135	3	20
Styrene	25.0	27.2		ug/L		109	65 - 135	3	26
Tetrachloroethene	25.0	24.3		ug/L		97	65 - 135	3	20
Toluene	25.0	25.0		ug/L		100	65 - 135	2	20
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	65 - 135	3	24
trans-1,3-Dichloropropene	25.0	22.8		ug/L		91	65 - 135	3	26
trans-1,4-Dichloro-2-butene	25.0	18.0		ug/L		72	53 - 135	10	25
Trichloroethene	25.0	23.6		ug/L		94	65 - 135	2	20
Trichlorofluoromethane	25.0	25.3		ug/L		101	53 - 137	0	27
Vinyl acetate	50.0	58.0		ug/L		116	11 - 187	4	24
Vinyl chloride	25.0	22.3		ug/L		89	40 - 137	1	24

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120
Toluene-d8 (Surr)	97		80 - 125

Lab Sample ID: MB 280-507847/9
Matrix: Water
Analysis Batch: 507847

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/03/20 11:15	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/03/20 11:15	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/03/20 11:15	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/03/20 11:15	1
1,1-Dichloroethane	ND		0.50		ug/L			09/03/20 11:15	1
1,1-Dichloroethene	ND		0.50		ug/L			09/03/20 11:15	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/03/20 11:15	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/03/20 11:15	1

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QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 280-507847/9
Matrix: Water
Analysis Batch: 507847

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0		ug/L			09/03/20 11:15	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/03/20 11:15	1
1,2-Dichloroethane	ND		0.50		ug/L			09/03/20 11:15	1
1,2-Dichloropropane	ND		0.50		ug/L			09/03/20 11:15	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/03/20 11:15	1
2-Butanone (MEK)	ND		6.0		ug/L			09/03/20 11:15	1
2-Hexanone	ND		5.0		ug/L			09/03/20 11:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/03/20 11:15	1
Acetone	ND		10		ug/L			09/03/20 11:15	1
Acrylonitrile	ND		20		ug/L			09/03/20 11:15	1
Benzene	ND		0.50		ug/L			09/03/20 11:15	1
Bromochloromethane	ND		0.50		ug/L			09/03/20 11:15	1
Bromodichloromethane	ND		0.50		ug/L			09/03/20 11:15	1
Bromoform	ND		0.50		ug/L			09/03/20 11:15	1
Bromomethane	ND		0.50		ug/L			09/03/20 11:15	1
Carbon disulfide	ND		0.50		ug/L			09/03/20 11:15	1
Carbon tetrachloride	ND		0.50		ug/L			09/03/20 11:15	1
Chlorobenzene	ND		0.50		ug/L			09/03/20 11:15	1
Chloroethane	ND		0.50		ug/L			09/03/20 11:15	1
Chloroform	ND		0.50		ug/L			09/03/20 11:15	1
Chloromethane	ND		0.50		ug/L			09/03/20 11:15	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/03/20 11:15	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/03/20 11:15	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/03/20 11:15	1
Dibromochloromethane	ND		0.50		ug/L			09/03/20 11:15	1
Dibromomethane	ND		0.50		ug/L			09/03/20 11:15	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/03/20 11:15	1
Ethylbenzene	ND		1.0		ug/L			09/03/20 11:15	1
Iodomethane	ND		1.0		ug/L			09/03/20 11:15	1
Methylene Chloride	ND		2.0		ug/L			09/03/20 11:15	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/03/20 11:15	1
o-Xylene	ND		0.50		ug/L			09/03/20 11:15	1
Styrene	ND		0.50		ug/L			09/03/20 11:15	1
Tetrachloroethene	ND		0.50		ug/L			09/03/20 11:15	1
Toluene	ND		0.50		ug/L			09/03/20 11:15	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/03/20 11:15	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/03/20 11:15	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/03/20 11:15	1
Trichloroethene	ND		0.50		ug/L			09/03/20 11:15	1
Trichlorofluoromethane	ND		0.50		ug/L			09/03/20 11:15	1
Vinyl acetate	ND		3.0		ug/L			09/03/20 11:15	1
Vinyl chloride	ND		0.50		ug/L			09/03/20 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 127		09/03/20 11:15	1
4-Bromofluorobenzene (Surr)	102		78 - 120		09/03/20 11:15	1
Dibromofluoromethane (Surr)	105		77 - 120		09/03/20 11:15	1
Toluene-d8 (Surr)	102		80 - 125		09/03/20 11:15	1

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QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 280-507847/4

Matrix: Water

Analysis Batch: 507847

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	22.1		ug/L		88	65 - 135
1,1,1-Trichloroethane	25.0	22.9		ug/L		92	65 - 135
1,1,2,2-Tetrachloroethane	25.0	26.4		ug/L		106	58 - 135
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	64 - 135
1,1-Dichloroethane	25.0	22.5		ug/L		90	65 - 135
1,1-Dichloroethene	25.0	18.6		ug/L		75	65 - 136
1,2,3-Trichloropropane	25.0	24.8		ug/L		99	65 - 135
1,2-Dibromo-3-Chloropropane	25.0	19.8		ug/L		79	57 - 135
1,2-Dibromoethane	25.0	24.0		ug/L		96	65 - 135
1,2-Dichlorobenzene	25.0	23.4		ug/L		93	65 - 135
1,2-Dichloroethane	25.0	25.1		ug/L		101	65 - 135
1,2-Dichloropropane	25.0	24.2		ug/L		97	64 - 135
1,4-Dichlorobenzene	25.0	24.9		ug/L		100	65 - 135
2-Butanone (MEK)	100	93.3		ug/L		93	44 - 177
2-Hexanone	100	103		ug/L		103	57 - 139
4-Methyl-2-pentanone (MIBK)	100	94.6		ug/L		95	60 - 150
Acetone	100	98.9		ug/L		99	39 - 156
Acrylonitrile	250	231		ug/L		92	56 - 135
Benzene	25.0	22.0		ug/L		88	65 - 135
Bromochloromethane	25.0	24.2		ug/L		97	65 - 135
Bromodichloromethane	25.0	25.5		ug/L		102	65 - 135
Bromoform	25.0	20.2		ug/L		81	62 - 135
Bromomethane	25.0	25.0		ug/L		100	45 - 135
Carbon disulfide	25.0	15.8		ug/L		63	55 - 143
Carbon tetrachloride	25.0	22.1		ug/L		88	65 - 135
Chlorobenzene	25.0	24.3		ug/L		97	65 - 135
Chloroethane	25.0	22.3		ug/L		89	46 - 136
Chloroform	25.0	23.6		ug/L		94	65 - 135
Chloromethane	25.0	21.1		ug/L		84	34 - 145
cis-1,2-Dichloroethene	25.0	23.3		ug/L		93	65 - 135
cis-1,3-Dichloropropene	25.0	25.5		ug/L		102	65 - 135
Dibromochloromethane	25.0	22.6		ug/L		91	65 - 135
Dibromomethane	25.0	24.3		ug/L		97	65 - 135
Dichlorodifluoromethane	25.0	19.2		ug/L		77	43 - 142
Ethylbenzene	25.0	24.0		ug/L		96	65 - 135
Iodomethane	25.0	19.9		ug/L		80	65 - 142
Methylene Chloride	25.0	25.0		ug/L		100	54 - 141
m-Xylene & p-Xylene	25.0	24.4		ug/L		98	65 - 135
o-Xylene	25.0	24.4		ug/L		98	65 - 135
Styrene	25.0	25.0		ug/L		100	65 - 135
Tetrachloroethene	25.0	22.0		ug/L		88	65 - 135
Toluene	25.0	22.2		ug/L		89	65 - 135
trans-1,2-Dichloroethene	25.0	21.0		ug/L		84	65 - 135
trans-1,3-Dichloropropene	25.0	19.7		ug/L		79	65 - 135
trans-1,4-Dichloro-2-butene	25.0	24.5		ug/L		98	53 - 135
Trichloroethene	25.0	22.9		ug/L		92	65 - 135
Trichlorofluoromethane	25.0	22.9		ug/L		91	53 - 137
Vinyl acetate	50.0	42.3		ug/L		85	11 - 187

Eurofins TestAmerica, Denver

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 280-507847/4

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 507847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	25.0	21.7		ug/L		87	40 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120
Toluene-d8 (Surr)	101		80 - 125

Lab Sample ID: LCSD 280-507847/5

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 507847

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	25.0	22.4		ug/L		89	65 - 135	1	20
1,1,1-Trichloroethane	25.0	24.4		ug/L		98	65 - 135	6	20
1,1,2,2-Tetrachloroethane	25.0	27.4		ug/L		110	58 - 135	4	20
1,1,2-Trichloroethane	25.0	25.1		ug/L		101	64 - 135	4	27
1,1-Dichloroethane	25.0	24.2		ug/L		97	65 - 135	7	21
1,1-Dichloroethene	25.0	20.8		ug/L		83	65 - 136	11	20
1,2,3-Trichloropropane	25.0	26.3		ug/L		105	65 - 135	6	23
1,2-Dibromo-3-Chloropropane	25.0	21.7		ug/L		87	57 - 135	9	22
1,2-Dibromoethane	25.0	25.3		ug/L		101	65 - 135	5	27
1,2-Dichlorobenzene	25.0	25.1		ug/L		100	65 - 135	7	20
1,2-Dichloroethane	25.0	28.0		ug/L		112	65 - 135	11	20
1,2-Dichloropropane	25.0	26.2		ug/L		105	64 - 135	8	20
1,4-Dichlorobenzene	25.0	26.6		ug/L		106	65 - 135	6	23
2-Butanone (MEK)	100	98.5		ug/L		98	44 - 177	5	32
2-Hexanone	100	107		ug/L		107	57 - 139	3	25
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	60 - 150	6	22
Acetone	100	103		ug/L		103	39 - 156	4	23
Acrylonitrile	250	244		ug/L		98	56 - 135	5	30
Benzene	25.0	23.8		ug/L		95	65 - 135	8	20
Bromochloromethane	25.0	23.6		ug/L		95	65 - 135	2	29
Bromodichloromethane	25.0	26.4		ug/L		106	65 - 135	4	20
Bromoform	25.0	20.4		ug/L		81	62 - 135	1	27
Bromomethane	25.0	25.7		ug/L		103	45 - 135	3	33
Carbon disulfide	25.0	16.5		ug/L		66	55 - 143	4	20
Carbon tetrachloride	25.0	24.4		ug/L		98	65 - 135	10	21
Chlorobenzene	25.0	25.2		ug/L		101	65 - 135	4	20
Chloroethane	25.0	26.0		ug/L		104	46 - 136	16	25
Chloroform	25.0	25.2		ug/L		101	65 - 135	7	20
Chloromethane	25.0	22.3		ug/L		89	34 - 145	5	24
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	65 - 135	9	20
cis-1,3-Dichloropropene	25.0	27.0		ug/L		108	65 - 135	6	26
Dibromochloromethane	25.0	23.7		ug/L		95	65 - 135	4	20
Dibromomethane	25.0	24.6		ug/L		98	65 - 135	1	26
Dichlorodifluoromethane	25.0	19.4		ug/L		78	43 - 142	1	30
Ethylbenzene	25.0	24.4		ug/L		98	65 - 135	2	20

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QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 280-507847/5
Matrix: Water
Analysis Batch: 507847

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iodomethane	25.0	21.0		ug/L		84	65 - 142	5	25
Methylene Chloride	25.0	26.9		ug/L		107	54 - 141	7	26
m-Xylene & p-Xylene	25.0	24.7		ug/L		99	65 - 135	1	20
o-Xylene	25.0	25.4		ug/L		102	65 - 135	4	20
Styrene	25.0	26.1		ug/L		104	65 - 135	4	26
Tetrachloroethene	25.0	23.8		ug/L		95	65 - 135	8	20
Toluene	25.0	24.0		ug/L		96	65 - 135	8	20
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	65 - 135	10	24
trans-1,3-Dichloropropene	25.0	20.4		ug/L		82	65 - 135	3	26
trans-1,4-Dichloro-2-butene	25.0	25.1		ug/L		100	53 - 135	2	25
Trichloroethene	25.0	24.4		ug/L		98	65 - 135	6	20
Trichlorofluoromethane	25.0	26.9		ug/L		108	53 - 137	16	27
Vinyl acetate	50.0	46.4		ug/L		93	11 - 187	9	24
Vinyl chloride	25.0	22.9		ug/L		92	40 - 137	5	24

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120
Toluene-d8 (Surr)	102		80 - 125

Lab Sample ID: 280-139870-C-23 MS
Matrix: Water
Analysis Batch: 507847

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	21.5		ug/L		86	65 - 135
1,1,1-Trichloroethane	ND		25.0	24.8		ug/L		99	65 - 135
1,1,2,2-Tetrachloroethane	ND		25.0	28.1		ug/L		112	58 - 135
1,1,2-Trichloroethane	ND		25.0	25.4		ug/L		102	64 - 135
1,1-Dichloroethane	ND		25.0	25.9		ug/L		102	65 - 135
1,1-Dichloroethene	1.7		25.0	23.6		ug/L		87	65 - 136
1,2,3-Trichloropropane	ND		25.0	25.9		ug/L		104	65 - 135
1,2-Dibromo-3-Chloropropane	ND		25.0	19.7		ug/L		79	57 - 135
1,2-Dibromoethane	ND		25.0	25.7		ug/L		103	65 - 135
1,2-Dichlorobenzene	ND		25.0	25.7		ug/L		103	65 - 135
1,2-Dichloroethane	ND		25.0	28.8		ug/L		115	65 - 135
1,2-Dichloropropane	ND		25.0	27.0		ug/L		108	64 - 135
1,4-Dichlorobenzene	ND		25.0	27.5		ug/L		110	65 - 135
2-Butanone (MEK)	ND		100	98.2		ug/L		98	44 - 177
2-Hexanone	ND		100	107		ug/L		107	57 - 139
4-Methyl-2-pentanone (MIBK)	ND		100	104		ug/L		104	60 - 150
Acetone	ND		100	106		ug/L		103	39 - 156
Acrylonitrile	ND		250	252		ug/L		101	56 - 135
Benzene	ND		25.0	25.0		ug/L		100	65 - 135
Bromochloromethane	ND		25.0	26.1		ug/L		104	65 - 135
Bromodichloromethane	ND		25.0	27.1		ug/L		108	65 - 135
Bromoform	ND		25.0	18.9		ug/L		76	62 - 135

Eurofins TestAmerica, Denver

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-139870-C-23 MS
Matrix: Water
Analysis Batch: 507847

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	ND		25.0	28.9		ug/L		116	45 - 135
Carbon disulfide	ND		25.0	17.1		ug/L		68	55 - 143
Carbon tetrachloride	ND		25.0	23.3		ug/L		93	65 - 135
Chlorobenzene	ND		25.0	26.2		ug/L		105	65 - 135
Chloroethane	ND		25.0	28.8		ug/L		115	46 - 136
Chloroform	ND		25.0	26.8		ug/L		107	65 - 135
Chloromethane	ND		25.0	24.3		ug/L		97	34 - 145
cis-1,2-Dichloroethene	1.1		25.0	27.9		ug/L		107	65 - 135
cis-1,3-Dichloropropene	ND		25.0	25.1		ug/L		100	65 - 135
Dibromochloromethane	ND		25.0	22.6		ug/L		90	65 - 135
Dibromomethane	ND		25.0	25.8		ug/L		103	65 - 135
Dichlorodifluoromethane	ND		25.0	20.1		ug/L		80	43 - 142
Ethylbenzene	ND		25.0	26.7		ug/L		107	65 - 135
Iodomethane	ND		25.0	19.3		ug/L		77	65 - 142
Methylene Chloride	ND		25.0	28.0		ug/L		112	54 - 141
m-Xylene & p-Xylene	ND		25.0	25.7		ug/L		103	65 - 135
o-Xylene	ND		25.0	26.3		ug/L		105	65 - 135
Styrene	ND		25.0	27.0		ug/L		108	65 - 135
Tetrachloroethene	ND		25.0	25.6		ug/L		101	65 - 135
Toluene	ND		25.0	25.4		ug/L		101	65 - 135
trans-1,2-Dichloroethene	ND		25.0	24.5		ug/L		98	65 - 135
trans-1,3-Dichloropropene	ND		25.0	17.4		ug/L		70	65 - 135
trans-1,4-Dichloro-2-butene	ND		25.0	24.9		ug/L		100	53 - 135
Trichloroethene	1.4		25.0	26.7		ug/L		101	65 - 135
Trichlorofluoromethane	ND	F2	25.0	26.8		ug/L		107	53 - 137
Vinyl acetate	ND		50.0	40.9		ug/L		82	11 - 187
Vinyl chloride	ND		25.0	23.4		ug/L		94	40 - 137
				MS	MS				
Surrogate				%Recovery	Qualifier				Limits
1,2-Dichloroethane-d4 (Surr)				109					70 - 127
4-Bromofluorobenzene (Surr)				105					78 - 120
Dibromofluoromethane (Surr)				102					77 - 120
Toluene-d8 (Surr)				101					80 - 125

Lab Sample ID: 280-139870-C-23 MSD
Matrix: Water
Analysis Batch: 507847

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		25.0	23.1		ug/L		92	65 - 135	7	20
1,1,1-Trichloroethane	ND		25.0	26.1		ug/L		104	65 - 135	5	20
1,1,2,2-Tetrachloroethane	ND		25.0	28.2		ug/L		113	58 - 135	0	20
1,1,2-Trichloroethane	ND		25.0	25.7		ug/L		103	64 - 135	1	27
1,1-Dichloroethane	ND		25.0	26.1		ug/L		103	65 - 135	1	21
1,1-Dichloroethene	1.7		25.0	23.0		ug/L		85	65 - 136	2	20
1,2,3-Trichloropropane	ND		25.0	28.1		ug/L		112	65 - 135	8	23
1,2-Dibromo-3-Chloropropane	ND		25.0	20.1		ug/L		80	57 - 135	2	22
1,2-Dibromoethane	ND		25.0	26.3		ug/L		105	65 - 135	2	27

Eurofins TestAmerica, Denver

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-139870-C-23 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 507847

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	ND		25.0	25.6		ug/L		102	65 - 135	1	20
1,2-Dichloroethane	ND		25.0	28.5		ug/L		114	65 - 135	1	20
1,2-Dichloropropane	ND		25.0	27.7		ug/L		111	64 - 135	3	20
1,4-Dichlorobenzene	ND		25.0	27.6		ug/L		110	65 - 135	0	23
2-Butanone (MEK)	ND		100	103		ug/L		103	44 - 177	5	32
2-Hexanone	ND		100	114		ug/L		114	57 - 139	6	25
4-Methyl-2-pentanone (MIBK)	ND		100	106		ug/L		106	60 - 150	2	22
Acetone	ND		100	108		ug/L		104	39 - 156	1	23
Acrylonitrile	ND		250	260		ug/L		104	56 - 135	3	30
Benzene	ND		25.0	25.3		ug/L		101	65 - 135	1	20
Bromochloromethane	ND		25.0	25.9		ug/L		104	65 - 135	1	29
Bromodichloromethane	ND		25.0	27.5		ug/L		110	65 - 135	2	20
Bromoform	ND		25.0	20.7		ug/L		83	62 - 135	9	27
Bromomethane	ND		25.0	25.8		ug/L		103	45 - 135	11	33
Carbon disulfide	ND		25.0	17.9		ug/L		71	55 - 143	4	20
Carbon tetrachloride	ND		25.0	24.8		ug/L		99	65 - 135	6	21
Chlorobenzene	ND		25.0	26.6		ug/L		106	65 - 135	1	20
Chloroethane	ND		25.0	22.5		ug/L		90	46 - 136	25	25
Chloroform	ND		25.0	26.2		ug/L		105	65 - 135	2	20
Chloromethane	ND		25.0	23.8		ug/L		95	34 - 145	2	24
cis-1,2-Dichloroethene	1.1		25.0	27.7		ug/L		106	65 - 135	1	20
cis-1,3-Dichloropropene	ND		25.0	25.7		ug/L		103	65 - 135	2	26
Dibromochloromethane	ND		25.0	24.1		ug/L		96	65 - 135	6	20
Dibromomethane	ND		25.0	26.6		ug/L		107	65 - 135	3	26
Dichlorodifluoromethane	ND		25.0	23.7		ug/L		95	43 - 142	16	30
Ethylbenzene	ND		25.0	27.1		ug/L		109	65 - 135	2	20
Iodomethane	ND		25.0	20.8		ug/L		83	65 - 142	7	25
Methylene Chloride	ND		25.0	27.9		ug/L		111	54 - 141	0	26
m-Xylene & p-Xylene	ND		25.0	26.5		ug/L		106	65 - 135	3	20
o-Xylene	ND		25.0	27.5		ug/L		110	65 - 135	5	20
Styrene	ND		25.0	26.9		ug/L		108	65 - 135	0	26
Tetrachloroethene	ND		25.0	25.3		ug/L		99	65 - 135	1	20
Toluene	ND		25.0	25.5		ug/L		102	65 - 135	0	20
trans-1,2-Dichloroethene	ND		25.0	24.7		ug/L		99	65 - 135	1	24
trans-1,3-Dichloropropene	ND		25.0	19.2		ug/L		77	65 - 135	10	26
trans-1,4-Dichloro-2-butene	ND		25.0	24.6		ug/L		98	53 - 135	1	25
Trichloroethene	1.4		25.0	27.7		ug/L		105	65 - 135	4	20
Trichlorofluoromethane	ND	F2	25.0	20.2	F2	ug/L		81	53 - 137	28	27
Vinyl acetate	ND		50.0	43.9		ug/L		88	11 - 187	7	24
Vinyl chloride	ND		25.0	26.6		ug/L		106	40 - 137	13	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120
Toluene-d8 (Surr)	101		80 - 125

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 280-507993/8
Matrix: Water
Analysis Batch: 507993

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/04/20 09:55	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/04/20 09:55	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/04/20 09:55	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/04/20 09:55	1
1,1-Dichloroethane	ND		0.50		ug/L			09/04/20 09:55	1
1,1-Dichloroethene	ND		0.50		ug/L			09/04/20 09:55	1
1,2,3-Trichloropropane	ND		1.0		ug/L			09/04/20 09:55	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			09/04/20 09:55	1
1,2-Dibromoethane	ND		1.0		ug/L			09/04/20 09:55	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/04/20 09:55	1
1,2-Dichloroethane	ND		0.50		ug/L			09/04/20 09:55	1
1,2-Dichloropropane	ND		0.50		ug/L			09/04/20 09:55	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/04/20 09:55	1
2-Butanone (MEK)	ND		6.0		ug/L			09/04/20 09:55	1
2-Hexanone	ND		5.0		ug/L			09/04/20 09:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/04/20 09:55	1
Acetone	ND		10		ug/L			09/04/20 09:55	1
Acrylonitrile	ND		20		ug/L			09/04/20 09:55	1
Benzene	ND		0.50		ug/L			09/04/20 09:55	1
Bromochloromethane	ND		0.50		ug/L			09/04/20 09:55	1
Bromodichloromethane	ND		0.50		ug/L			09/04/20 09:55	1
Bromoform	ND		0.50		ug/L			09/04/20 09:55	1
Bromomethane	ND		0.50		ug/L			09/04/20 09:55	1
Carbon disulfide	ND		0.50		ug/L			09/04/20 09:55	1
Carbon tetrachloride	ND		0.50		ug/L			09/04/20 09:55	1
Chlorobenzene	ND		0.50		ug/L			09/04/20 09:55	1
Chloroethane	ND		0.50		ug/L			09/04/20 09:55	1
Chloroform	ND		0.50		ug/L			09/04/20 09:55	1
Chloromethane	ND		0.50		ug/L			09/04/20 09:55	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/04/20 09:55	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/04/20 09:55	1
cis-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/04/20 09:55	1
Dibromochloromethane	ND		0.50		ug/L			09/04/20 09:55	1
Dibromomethane	ND		0.50		ug/L			09/04/20 09:55	1
Dichlorodifluoromethane	ND		2.0		ug/L			09/04/20 09:55	1
Ethylbenzene	ND		1.0		ug/L			09/04/20 09:55	1
Methylene Chloride	ND		2.0		ug/L			09/04/20 09:55	1
m-Xylene & p-Xylene	ND		0.50		ug/L			09/04/20 09:55	1
o-Xylene	ND		0.50		ug/L			09/04/20 09:55	1
Styrene	ND		0.50		ug/L			09/04/20 09:55	1
Tetrachloroethene	ND		0.50		ug/L			09/04/20 09:55	1
Toluene	ND		0.50		ug/L			09/04/20 09:55	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/04/20 09:55	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/04/20 09:55	1
trans-1,4-Dichloro-2-butene	ND		3.0		ug/L			09/04/20 09:55	1
Trichloroethene	ND		0.50		ug/L			09/04/20 09:55	1
Trichlorofluoromethane	ND		0.50		ug/L			09/04/20 09:55	1
Vinyl acetate	ND		3.0		ug/L			09/04/20 09:55	1

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QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 280-507993/8
Matrix: Water
Analysis Batch: 507993

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			09/04/20 09:55	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 127					09/04/20 09:55	1
4-Bromofluorobenzene (Surr)	99		78 - 120					09/04/20 09:55	1
Dibromofluoromethane (Surr)	99		77 - 120					09/04/20 09:55	1
Toluene-d8 (Surr)	98		80 - 125					09/04/20 09:55	1

Lab Sample ID: LCS 280-507993/4
Matrix: Water
Analysis Batch: 507993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	24.0		ug/L		96	65 - 135
1,1,1-Trichloroethane	25.0	26.0		ug/L		104	65 - 135
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L		100	58 - 135
1,1,2-Trichloroethane	25.0	26.5		ug/L		106	64 - 135
1,1-Dichloroethane	25.0	25.2		ug/L		101	65 - 135
1,1-Dichloroethene	25.0	22.9		ug/L		92	65 - 136
1,2,3-Trichloropropane	25.0	27.6		ug/L		110	65 - 135
1,2-Dibromo-3-Chloropropane	25.0	18.4		ug/L		73	57 - 135
1,2-Dibromoethane	25.0	26.3		ug/L		105	65 - 135
1,2-Dichlorobenzene	25.0	25.0		ug/L		100	65 - 135
1,2-Dichloroethane	25.0	25.9		ug/L		104	65 - 135
1,2-Dichloropropane	25.0	25.6		ug/L		102	64 - 135
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	65 - 135
2-Butanone (MEK)	100	95.0		ug/L		95	44 - 177
2-Hexanone	100	95.2		ug/L		95	57 - 139
4-Methyl-2-pentanone (MIBK)	100	95.6		ug/L		96	60 - 150
Acetone	100	90.3		ug/L		90	39 - 156
Acrylonitrile	250	243		ug/L		97	56 - 135
Benzene	25.0	24.7		ug/L		99	65 - 135
Bromochloromethane	25.0	25.7		ug/L		103	65 - 135
Bromodichloromethane	25.0	25.2		ug/L		101	65 - 135
Bromoform	25.0	17.7		ug/L		71	62 - 135
Bromomethane	25.0	19.3		ug/L		77	45 - 135
Carbon disulfide	25.0	18.1		ug/L		72	55 - 143
Carbon tetrachloride	25.0	20.7		ug/L		83	65 - 135
Chlorobenzene	25.0	25.1		ug/L		100	65 - 135
Chloroethane	25.0	23.6		ug/L		94	46 - 136
Chloroform	25.0	26.6		ug/L		106	65 - 135
Chloromethane	25.0	21.4		ug/L		85	34 - 145
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	65 - 135
cis-1,3-Dichloropropene	25.0	23.7		ug/L		95	65 - 135
Dibromochloromethane	25.0	20.6		ug/L		82	65 - 135
Dibromomethane	25.0	25.5		ug/L		102	65 - 135
Dichlorodifluoromethane	25.0	15.3		ug/L		61	43 - 142
Ethylbenzene	25.0	24.8		ug/L		99	65 - 135

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QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 280-507993/4
Matrix: Water
Analysis Batch: 507993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	24.0		ug/L		96	54 - 141
m-Xylene & p-Xylene	25.0	25.0		ug/L		100	65 - 135
o-Xylene	25.0	25.9		ug/L		104	65 - 135
Styrene	25.0	26.0		ug/L		104	65 - 135
Tetrachloroethene	25.0	25.1		ug/L		100	65 - 135
Toluene	25.0	25.2		ug/L		101	65 - 135
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	65 - 135
trans-1,3-Dichloropropene	25.0	20.6		ug/L		82	65 - 135
trans-1,4-Dichloro-2-butene	25.0	22.6		ug/L		90	53 - 135
Trichloroethene	25.0	25.8		ug/L		103	65 - 135
Trichlorofluoromethane	25.0	25.5		ug/L		102	53 - 137
Vinyl acetate	50.0	48.9		ug/L		98	11 - 187
Vinyl chloride	25.0	23.7		ug/L		95	40 - 137

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120
Toluene-d8 (Surr)	98		80 - 125

Lab Sample ID: 280-140086-A-3 MS
Matrix: Water
Analysis Batch: 507993

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	23.7		ug/L		95	65 - 135
1,1,1-Trichloroethane	ND		25.0	26.4		ug/L		106	65 - 135
1,1,2,2-Tetrachloroethane	ND		25.0	25.7		ug/L		103	58 - 135
1,1,2-Trichloroethane	ND		25.0	27.2		ug/L		109	64 - 135
1,1-Dichloroethane	ND		25.0	25.8		ug/L		103	65 - 135
1,1-Dichloroethene	ND		25.0	23.7		ug/L		95	65 - 136
1,2,3-Trichloropropane	ND		25.0	29.0		ug/L		116	65 - 135
1,2-Dibromo-3-Chloropropane	ND		25.0	20.3		ug/L		81	57 - 135
1,2-Dibromoethane	ND		25.0	26.3		ug/L		105	65 - 135
1,2-Dichlorobenzene	ND		25.0	24.6		ug/L		98	65 - 135
1,2-Dichloroethane	ND		25.0	26.7		ug/L		107	65 - 135
1,2-Dichloropropane	ND		25.0	25.9		ug/L		104	64 - 135
1,4-Dichlorobenzene	ND		25.0	24.4		ug/L		98	65 - 135
2-Butanone (MEK)	ND		100	107		ug/L		102	44 - 177
2-Hexanone	ND		100	105		ug/L		105	57 - 139
4-Methyl-2-pentanone (MIBK)	ND		100	107		ug/L		107	60 - 150
Acetone	15		100	114		ug/L		99	39 - 156
Acrylonitrile	ND		250	259		ug/L		104	56 - 135
Benzene	ND		25.0	25.5		ug/L		100	65 - 135
Bromochloromethane	ND		25.0	25.9		ug/L		104	65 - 135
Bromodichloromethane	ND		25.0	24.8		ug/L		99	65 - 135
Bromoform	ND		25.0	17.0		ug/L		68	62 - 135
Bromomethane	ND		25.0	16.3		ug/L		65	45 - 135

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QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-140086-A-3 MS
Matrix: Water
Analysis Batch: 507993

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	ND		25.0	17.3		ug/L		69	55 - 143
Carbon tetrachloride	ND		25.0	20.7		ug/L		83	65 - 135
Chlorobenzene	ND		25.0	25.5		ug/L		102	65 - 135
Chloroethane	ND		25.0	23.7		ug/L		95	46 - 136
Chloroform	ND		25.0	27.6		ug/L		110	65 - 135
Chloromethane	ND		25.0	20.6		ug/L		82	34 - 145
cis-1,2-Dichloroethene	ND		25.0	25.9		ug/L		104	65 - 135
cis-1,3-Dichloropropene	ND		25.0	22.7		ug/L		91	65 - 135
Dibromochloromethane	ND		25.0	19.4		ug/L		77	65 - 135
Dibromomethane	ND		25.0	26.6		ug/L		106	65 - 135
Dichlorodifluoromethane	ND		25.0	17.4		ug/L		69	43 - 142
Ethylbenzene	ND		25.0	25.2		ug/L		101	65 - 135
Methylene Chloride	ND		25.0	24.6		ug/L		99	54 - 141
m-Xylene & p-Xylene	ND		25.0	24.9		ug/L		99	65 - 135
o-Xylene	ND		25.0	25.6		ug/L		103	65 - 135
Styrene	ND		25.0	25.2		ug/L		101	65 - 135
Tetrachloroethene	ND		25.0	25.0		ug/L		100	65 - 135
Toluene	0.82		25.0	26.6		ug/L		103	65 - 135
trans-1,2-Dichloroethene	ND		25.0	25.1		ug/L		100	65 - 135
trans-1,3-Dichloropropene	ND		25.0	19.6		ug/L		78	65 - 135
trans-1,4-Dichloro-2-butene	ND		25.0	22.7		ug/L		91	53 - 135
Trichloroethene	ND		25.0	26.8		ug/L		106	65 - 135
Trichlorofluoromethane	ND		25.0	26.3		ug/L		105	53 - 137
Vinyl acetate	ND		50.0	47.3		ug/L		95	11 - 187
Vinyl chloride	ND		25.0	23.3		ug/L		93	40 - 137
				MS	MS				
Surrogate	%Recovery	Qualifier	Limits						
<i>1,2-Dichloroethane-d4 (Surr)</i>	110		70 - 127						
<i>4-Bromofluorobenzene (Surr)</i>	97		78 - 120						
<i>Dibromofluoromethane (Surr)</i>	103		77 - 120						
<i>Toluene-d8 (Surr)</i>	96		80 - 125						

Lab Sample ID: 280-140086-A-3 MSD
Matrix: Water
Analysis Batch: 507993

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		25.0	25.4		ug/L		102	65 - 135	7	20
1,1,1-Trichloroethane	ND		25.0	29.3		ug/L		117	65 - 135	10	20
1,1,1,2,2-Tetrachloroethane	ND		25.0	26.3		ug/L		105	58 - 135	2	20
1,1,2-Trichloroethane	ND		25.0	29.1		ug/L		116	64 - 135	7	27
1,1-Dichloroethane	ND		25.0	28.6		ug/L		114	65 - 135	10	21
1,1-Dichloroethene	ND		25.0	25.9		ug/L		104	65 - 136	9	20
1,2,3-Trichloropropane	ND		25.0	28.8		ug/L		115	65 - 135	1	23
1,2-Dibromo-3-Chloropropane	ND		25.0	19.8		ug/L		79	57 - 135	3	22
1,2-Dibromoethane	ND		25.0	27.3		ug/L		109	65 - 135	4	27
1,2-Dichlorobenzene	ND		25.0	26.7		ug/L		107	65 - 135	8	20
1,2-Dichloroethane	ND		25.0	28.7		ug/L		115	65 - 135	7	20

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QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-140086-A-3 MSD
Matrix: Water
Analysis Batch: 507993

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	ND		25.0	28.5		ug/L		114	64 - 135	10	20
1,4-Dichlorobenzene	ND		25.0	26.0		ug/L		104	65 - 135	6	23
2-Butanone (MEK)	ND		100	109		ug/L		104	44 - 177	2	32
2-Hexanone	ND		100	107		ug/L		107	57 - 139	2	25
4-Methyl-2-pentanone (MIBK)	ND		100	109		ug/L		109	60 - 150	2	22
Acetone	15		100	118		ug/L		103	39 - 156	4	23
Acrylonitrile	ND		250	271		ug/L		108	56 - 135	4	30
Benzene	ND		25.0	27.4		ug/L		108	65 - 135	7	20
Bromochloromethane	ND		25.0	27.9		ug/L		112	65 - 135	7	29
Bromodichloromethane	ND		25.0	27.7		ug/L		111	65 - 135	11	20
Bromoform	ND		25.0	18.5		ug/L		74	62 - 135	8	27
Bromomethane	ND		25.0	19.8		ug/L		79	45 - 135	20	33
Carbon disulfide	ND		25.0	19.9		ug/L		80	55 - 143	14	20
Carbon tetrachloride	ND		25.0	22.9		ug/L		92	65 - 135	10	21
Chlorobenzene	ND		25.0	26.8		ug/L		107	65 - 135	5	20
Chloroethane	ND		25.0	26.0		ug/L		104	46 - 136	9	25
Chloroform	ND		25.0	29.6		ug/L		118	65 - 135	7	20
Chloromethane	ND		25.0	22.6		ug/L		91	34 - 145	10	24
cis-1,2-Dichloroethene	ND		25.0	28.0		ug/L		112	65 - 135	8	20
cis-1,3-Dichloropropene	ND		25.0	24.5		ug/L		98	65 - 135	7	26
Dibromochloromethane	ND		25.0	21.1		ug/L		84	65 - 135	9	20
Dibromomethane	ND		25.0	28.8		ug/L		115	65 - 135	8	26
Dichlorodifluoromethane	ND		25.0	18.3		ug/L		73	43 - 142	5	30
Ethylbenzene	ND		25.0	27.3		ug/L		109	65 - 135	8	20
Methylene Chloride	ND		25.0	26.5		ug/L		106	54 - 141	7	26
m-Xylene & p-Xylene	ND		25.0	26.4		ug/L		105	65 - 135	6	20
o-Xylene	ND		25.0	27.9		ug/L		111	65 - 135	8	20
Styrene	ND		25.0	27.1		ug/L		108	65 - 135	7	26
Tetrachloroethene	ND		25.0	26.9		ug/L		108	65 - 135	8	20
Toluene	0.82		25.0	28.5		ug/L		111	65 - 135	7	20
trans-1,2-Dichloroethene	ND		25.0	27.2		ug/L		109	65 - 135	8	24
trans-1,3-Dichloropropene	ND		25.0	22.0		ug/L		88	65 - 135	12	26
trans-1,4-Dichloro-2-butene	ND		25.0	23.7		ug/L		95	53 - 135	5	25
Trichloroethene	ND		25.0	28.4		ug/L		113	65 - 135	6	20
Trichlorofluoromethane	ND		25.0	27.8		ug/L		111	53 - 137	5	27
Vinyl acetate	ND		50.0	51.7		ug/L		103	11 - 187	9	24
Vinyl chloride	ND		25.0	25.0		ug/L		100	40 - 137	7	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 127
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120
Toluene-d8 (Surr)	97		80 - 125

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 160-482469/65
Matrix: Water
Analysis Batch: 482469

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.20		mg/L			09/16/20 03:31	1
Sulfate	ND		0.20		mg/L			09/16/20 03:31	1

Lab Sample ID: MB 160-482469/9
Matrix: Water
Analysis Batch: 482469

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.20		mg/L			09/15/20 12:42	1
Sulfate	ND		0.20		mg/L			09/15/20 12:42	1

Lab Sample ID: LCS 160-482469/10
Matrix: Water
Analysis Batch: 482469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2.00	1.97		mg/L		99	90 - 110
Sulfate	8.00	7.87		mg/L		98	90 - 110

Lab Sample ID: LCS 160-482469/66
Matrix: Water
Analysis Batch: 482469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2.00	1.97		mg/L		99	90 - 110
Sulfate	8.00	7.92		mg/L		99	90 - 110

Lab Sample ID: 280-139903-E-2 MS
Matrix: Water
Analysis Batch: 482469

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	9.8		4.00	13.9		mg/L		102	90 - 110

Lab Sample ID: 280-139904-F-4 MS
Matrix: Water
Analysis Batch: 482469

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	ND		2.00	1.95		mg/L		97	90 - 110
Sulfate	ND		4.00	3.90		mg/L		97	90 - 110

Lab Sample ID: 280-139903-E-2 DU
Matrix: Water
Analysis Batch: 482469

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfate	9.8		9.81		mg/L		0.3	20

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QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 280-139904-F-4 DU
Matrix: Water
Analysis Batch: 482469

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Chloride	ND		ND		mg/L		NC	20
Sulfate	ND		ND		mg/L		NC	20

Method: 300.0 - Anions, Ion Chromatography - DL

Lab Sample ID: 280-139903-E-2 MS
Matrix: Water
Analysis Batch: 482469

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.
	Result	Qualifier	Added	Result	Qualifier			Limits
Chloride - DL	5.5		40.0	44.8		mg/L		98 90 - 110

Lab Sample ID: 280-139903-E-2 DU
Matrix: Water
Analysis Batch: 482469

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Chloride - DL	5.5		5.90		mg/L		7	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 280-506993/1-A
Matrix: Water
Analysis Batch: 507387

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 506993

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Calcium, Dissolved	ND		0.20		mg/L		08/27/20 16:20	08/28/20 17:31	1
Magnesium, Dissolved	ND		0.10		mg/L		08/27/20 16:20	08/28/20 17:31	1
Potassium, Dissolved	ND		2.0		mg/L		08/27/20 16:20	08/28/20 17:31	1
Sodium, Dissolved	ND		1.0		mg/L		08/27/20 16:20	08/28/20 17:31	1

Lab Sample ID: LCS 280-506993/2-A
Matrix: Water
Analysis Batch: 507387

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 506993

Analyte	Spike	LCS	LCS	Unit	D	%Rec.
		Result	Qualifier			Limits
Calcium, Dissolved	50.0	49.7		mg/L		99 90 - 111
Magnesium, Dissolved	50.0	48.7		mg/L		97 90 - 113
Potassium, Dissolved	50.0	47.1		mg/L		94 89 - 114
Sodium, Dissolved	50.0	46.1		mg/L		92 90 - 115

Lab Sample ID: 280-139809-C-3-G MS
Matrix: Water
Analysis Batch: 507387

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 506993

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.
	Result	Qualifier	Added	Result	Qualifier			Limits
Calcium, Dissolved	88		50.0	134		mg/L		93 48 - 153
Magnesium, Dissolved	24		50.0	72.2		mg/L		97 62 - 146
Potassium, Dissolved	4.5		50.0	52.1		mg/L		95 76 - 132
Sodium, Dissolved	120		50.0	166		mg/L		84 70 - 203

Eurofins TestAmerica, Denver

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 280-139809-C-3-H MSD
Matrix: Water
Analysis Batch: 507387

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 506993

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Calcium, Dissolved	88		50.0	133		mg/L		91	48 - 153	1	20
Magnesium, Dissolved	24		50.0	72.4		mg/L		97	62 - 146	0	20
Potassium, Dissolved	4.5		50.0	52.6		mg/L		96	76 - 132	1	20
Sodium, Dissolved	120		50.0	164		mg/L		82	70 - 203	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 280-506991/1-A
Matrix: Water
Analysis Batch: 507510

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 506991

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Manganese, Dissolved	ND		0.0010		mg/L		08/27/20 16:20	08/31/20 18:33	1

Lab Sample ID: LCS 280-506991/2-A
Matrix: Water
Analysis Batch: 507510

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 506991

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Manganese, Dissolved	0.0400	0.0410		mg/L		102	85 - 117

Lab Sample ID: 280-139809-C-3-B MS
Matrix: Water
Analysis Batch: 507510

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 506991

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Manganese, Dissolved	0.048		0.0400	0.0877		mg/L		100	85 - 117

Lab Sample ID: 280-139809-C-3-C MSD
Matrix: Water
Analysis Batch: 507510

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 506991

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Manganese, Dissolved	0.048		0.0400	0.0934		mg/L		115	85 - 117	6	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 280-506885/6
Matrix: Water
Analysis Batch: 506885

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Nitrate as N	ND		0.20		mg/L			08/26/20 10:38	1

Lab Sample ID: LCS 280-506885/4
Matrix: Water
Analysis Batch: 506885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Nitrate as N	5.00	4.96		mg/L		99	90 - 110

Eurofins TestAmerica, Denver

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 280-506885/5
Matrix: Water
Analysis Batch: 506885

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	5.00	4.96		mg/L		99	90 - 110	0	10

Lab Sample ID: MRL 280-506885/3
Matrix: Water
Analysis Batch: 506885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	0.500	ND		mg/L		100	50 - 150		

Lab Sample ID: 280-139814-4 MS
Matrix: Water
Analysis Batch: 506885

Client Sample ID: HVL-082520-04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	1.6		5.00	6.76		mg/L		103	80 - 120		

Lab Sample ID: 280-139814-4 MSD
Matrix: Water
Analysis Batch: 506885

Client Sample ID: HVL-082520-04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	1.6		5.00	6.82		mg/L		105	80 - 120	1	20

Lab Sample ID: 280-139814-10 MS
Matrix: Water
Analysis Batch: 506885

Client Sample ID: HVL-082520-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	ND		5.00	5.25		mg/L		105	80 - 120		

Lab Sample ID: 280-139814-10 MSD
Matrix: Water
Analysis Batch: 506885

Client Sample ID: HVL-082520-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	ND		5.00	5.19		mg/L		104	80 - 120	1	20

Lab Sample ID: 280-139814-4 DU
Matrix: Water
Analysis Batch: 506885

Client Sample ID: HVL-082520-04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	1.6		5.00	1.57		mg/L				0.8	15

Lab Sample ID: 280-139814-10 DU
Matrix: Water
Analysis Batch: 506885

Client Sample ID: HVL-082520-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	ND		5.00	ND		mg/L				NC	15

Eurofins TestAmerica, Denver

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 280-507266/19
Matrix: Water
Analysis Batch: 507266

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.10		mg/L			08/28/20 14:42	1

Lab Sample ID: LCS 280-507266/18
Matrix: Water
Analysis Batch: 507266

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	2.50	2.54		mg/L		102	90 - 110

Lab Sample ID: 280-139814-1 MS
Matrix: Water
Analysis Batch: 507266

Client Sample ID: HVL-082520-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	ND		1.00	1.08		mg/L		108	90 - 110

Lab Sample ID: 280-139814-1 MSD
Matrix: Water
Analysis Batch: 507266

Client Sample ID: HVL-082520-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	ND		1.00	1.04		mg/L		104	90 - 110	4	10

Lab Sample ID: 280-139814-11 MS
Matrix: Water
Analysis Batch: 507266

Client Sample ID: HVL-082520-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	ND	F1	1.00	1.17	F1	mg/L		117	90 - 110

Lab Sample ID: 280-139814-11 MSD
Matrix: Water
Analysis Batch: 507266

Client Sample ID: HVL-082520-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	ND	F1	1.00	1.13	F1	mg/L		113	90 - 110	3	10

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 280-507200/31
Matrix: Water
Analysis Batch: 507200

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	ND		10		mg/L			08/27/20 16:14	1

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 280-507200/5
Matrix: Water
Analysis Batch: 507200

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	ND		10		mg/L			08/27/20 13:30	1

Lab Sample ID: LCS 280-507200/30
Matrix: Water
Analysis Batch: 507200

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity	200	186		mg/L		93	89 - 109

Lab Sample ID: LCS 280-507200/4
Matrix: Water
Analysis Batch: 507200

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity	200	187		mg/L		93	89 - 109

Lab Sample ID: 280-139814-8 DU
Matrix: Water
Analysis Batch: 507200

Client Sample ID: HVL-082520-08
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	50		49.4		mg/L		2	10

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 280-507331/2
Matrix: Water
Analysis Batch: 507331

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10		mg/L			08/30/20 16:55	1

Lab Sample ID: LCS 280-507331/1
Matrix: Water
Analysis Batch: 507331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	500	521		mg/L		104	93 - 110

Lab Sample ID: 280-139814-8 DU
Matrix: Water
Analysis Batch: 507331

Client Sample ID: HVL-082520-08
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	110		98.0		mg/L		10	10

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 280-507435/1
Matrix: Water
Analysis Batch: 507435

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10		mg/L			08/31/20 14:24	1

Lab Sample ID: LCS 280-507435/2
Matrix: Water
Analysis Batch: 507435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	500	494		mg/L		99	93 - 110

Lab Sample ID: 280-139814-1 DU
Matrix: Water
Analysis Batch: 507435

Client Sample ID: HVL-082520-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	180		184		mg/L		4	10

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 280-507037/1
Matrix: Water
Analysis Batch: 507037

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0		mg/L			08/27/20 08:42	1

Lab Sample ID: LCS 280-507037/2
Matrix: Water
Analysis Batch: 507037

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	100	97.6		mg/L		98	79 - 114

Lab Sample ID: 280-139814-12 DU
Matrix: Water
Analysis Batch: 507037

Client Sample ID: HVL-082520-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Suspended Solids	ND		ND		mg/L		NC	10

Method: SM 5310B - Organic Carbon, Total (TOC)

Lab Sample ID: MB 280-508773/35
Matrix: Water
Analysis Batch: 508773

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad	ND		1.0		mg/L			09/11/20 00:22	1

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: SM 5310B - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: MB 280-508773/4
Matrix: Water
Analysis Batch: 508773

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad	ND		1.0		mg/L			09/10/20 16:39	1

Lab Sample ID: LCS 280-508773/3
Matrix: Water
Analysis Batch: 508773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Quad	25.0	24.0		mg/L		96	88 - 112

Lab Sample ID: LCS 280-508773/34
Matrix: Water
Analysis Batch: 508773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Quad	25.0	23.8		mg/L		95	88 - 112

Lab Sample ID: 280-139814-2 MS
Matrix: Water
Analysis Batch: 508773

Client Sample ID: HVL-082520-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Quad	ND		25.0	24.0		mg/L		96	88 - 112

Lab Sample ID: 280-139814-2 MSD
Matrix: Water
Analysis Batch: 508773

Client Sample ID: HVL-082520-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Quad	ND		25.0	24.0		mg/L		96	88 - 112	0	15

Lab Sample ID: 280-139814-12 MS
Matrix: Water
Analysis Batch: 508773

Client Sample ID: HVL-082520-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Quad	ND		25.0	24.7		mg/L		99	88 - 112

Lab Sample ID: 280-139814-12 MSD
Matrix: Water
Analysis Batch: 508773

Client Sample ID: HVL-082520-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Quad	ND		25.0	24.7		mg/L		99	88 - 112	0	15

QC Sample Results

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Method: LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F - General Subcontract Method)

Lab Sample ID: F009358-BLK1
Matrix: Water
Analysis Batch: F009358

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: F009358_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	U	5		µg/L		09/14/20 11:13	09/14/20 21:52	1

Lab Sample ID: F009358-BLK2
Matrix: Water
Analysis Batch: F009358

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: F009358_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND	U	5		µg/L		09/14/20 11:13	09/14/20 21:56	1

Lab Sample ID: F009358-BS1
Matrix: Water
Analysis Batch: F009358

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: F009358_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	1250	1215		µg/L		97.2	85 - 115

Lab Sample ID: F009358-BSD1
Matrix: Water
Analysis Batch: F009358

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: F009358_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Iron	1250	1254		µg/L		100	85 - 115	3.19	20

Lab Sample ID: F009358-MS1
Matrix: Water
Analysis Batch: F009358

Client Sample ID: HVL-082520-01 (280-139814-1) DISSOLVED MS
Prep Type: Total/NA
Prep Batch: F009358_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	ND		2500	2452		µg/L		98.1	70 - 130

Lab Sample ID: F009358-MS2
Matrix: Water
Analysis Batch: F009358

Client Sample ID: HVL-082520-02 (280-139814-2) DISSOLVED MS
Prep Type: Total/NA
Prep Batch: F009358_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	ND		2500	2573		µg/L		103	70 - 130

Lab Sample ID: F009358-MSD1
Matrix: Water
Analysis Batch: F009358

Client Sample ID: HVL-082520-01 (280-139814-1) DISSOLVED MSD
Prep Type: Total/NA
Prep Batch: F009358_P

Analyte	Sample Result	Sample Qualifier	Spike Added	ix Spike Dup Result	Matrix Spike D Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Iron	ND		2500	2435		µg/L		97.4	70 - 130	0.692	20

Lab Sample ID: F009358-MSD2
Matrix: Water
Analysis Batch: F009358

Client Sample ID: HVL-082520-02 (280-139814-2) DISSOLVED MSD
Prep Type: Total/NA
Prep Batch: F009358_P

Analyte	Sample Result	Sample Qualifier	Spike Added	ix Spike Dup Result	Matrix Spike D Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Iron	ND		2500	2460		µg/L		98.4	70 - 130	4.5	20

Eurofins TestAmerica, Denver

QC Association Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

GC/MS VOA

Analysis Batch: 507505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Total/NA	Water	8260B	
280-139814-2	HVL-082520-02	Total/NA	Water	8260B	
280-139814-3	HVL-082520-03	Total/NA	Water	8260B	
280-139814-4	HVL-082520-04	Total/NA	Water	8260B	
280-139814-5	HVL-082520-05	Total/NA	Water	8260B	
280-139814-6	HVL-082520-06	Total/NA	Water	8260B	
280-139814-7	HVL-082520-07	Total/NA	Water	8260B	
280-139814-8	HVL-082520-08	Total/NA	Water	8260B	
280-139814-9	HVL-082520-09	Total/NA	Water	8260B	
280-139814-10	HVL-082520-10	Total/NA	Water	8260B	
280-139814-11	HVL-082520-11	Total/NA	Water	8260B	
MB 280-507505/9	Method Blank	Total/NA	Water	8260B	
LCS 280-507505/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 280-507505/6	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 507847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-12	HVL-082520-12	Total/NA	Water	8260B	
280-139814-13	TRIP BLANK	Total/NA	Water	8260B	
MB 280-507847/9	Method Blank	Total/NA	Water	8260B	
LCS 280-507847/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 280-507847/5	Lab Control Sample Dup	Total/NA	Water	8260B	
280-139870-C-23 MS	Matrix Spike	Total/NA	Water	8260B	
280-139870-C-23 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

Analysis Batch: 507993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-12 - RA	HVL-082520-12	Total/NA	Water	8260B	
280-139814-13 - RA	TRIP BLANK	Total/NA	Water	8260B	
MB 280-507993/8	Method Blank	Total/NA	Water	8260B	
LCS 280-507993/4	Lab Control Sample	Total/NA	Water	8260B	
280-140086-A-3 MS	Matrix Spike	Total/NA	Water	8260B	
280-140086-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 482469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Total/NA	Water	300.0	
280-139814-1 - DL	HVL-082520-01	Total/NA	Water	300.0	
280-139814-2	HVL-082520-02	Total/NA	Water	300.0	
280-139814-2 - DL	HVL-082520-02	Total/NA	Water	300.0	
280-139814-3	HVL-082520-03	Total/NA	Water	300.0	
280-139814-3 - DL	HVL-082520-03	Total/NA	Water	300.0	
280-139814-4	HVL-082520-04	Total/NA	Water	300.0	
280-139814-4 - DL	HVL-082520-04	Total/NA	Water	300.0	
280-139814-5	HVL-082520-05	Total/NA	Water	300.0	
280-139814-5 - DL	HVL-082520-05	Total/NA	Water	300.0	
280-139814-6	HVL-082520-06	Total/NA	Water	300.0	
280-139814-6 - DL	HVL-082520-06	Total/NA	Water	300.0	
280-139814-7 - DL	HVL-082520-07	Total/NA	Water	300.0	

Eurofins TestAmerica, Denver

QC Association Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

HPLC/IC (Continued)

Analysis Batch: 482469 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-8	HVL-082520-08	Total/NA	Water	300.0	
280-139814-9	HVL-082520-09	Total/NA	Water	300.0	
280-139814-9 - DL	HVL-082520-09	Total/NA	Water	300.0	
280-139814-10	HVL-082520-10	Total/NA	Water	300.0	
280-139814-11	HVL-082520-11	Total/NA	Water	300.0	
280-139814-11 - DL	HVL-082520-11	Total/NA	Water	300.0	
280-139814-12	HVL-082520-12	Total/NA	Water	300.0	
MB 160-482469/65	Method Blank	Total/NA	Water	300.0	
MB 160-482469/9	Method Blank	Total/NA	Water	300.0	
LCS 160-482469/10	Lab Control Sample	Total/NA	Water	300.0	
LCS 160-482469/66	Lab Control Sample	Total/NA	Water	300.0	
280-139903-E-2 MS	Matrix Spike	Total/NA	Water	300.0	
280-139903-E-2 MS - DL	Matrix Spike	Total/NA	Water	300.0	
280-139904-F-4 MS	Matrix Spike	Total/NA	Water	300.0	
280-139903-E-2 DU	Duplicate	Total/NA	Water	300.0	
280-139903-E-2 DU - DL	Duplicate	Total/NA	Water	300.0	
280-139904-F-4 DU	Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 506991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Dissolved	Water	3005A	
280-139814-2	HVL-082520-02	Dissolved	Water	3005A	
280-139814-3	HVL-082520-03	Dissolved	Water	3005A	
280-139814-4	HVL-082520-04	Dissolved	Water	3005A	
280-139814-5	HVL-082520-05	Dissolved	Water	3005A	
280-139814-6	HVL-082520-06	Dissolved	Water	3005A	
280-139814-7	HVL-082520-07	Dissolved	Water	3005A	
280-139814-8	HVL-082520-08	Dissolved	Water	3005A	
280-139814-9	HVL-082520-09	Dissolved	Water	3005A	
280-139814-10	HVL-082520-10	Dissolved	Water	3005A	
280-139814-11	HVL-082520-11	Dissolved	Water	3005A	
280-139814-12	HVL-082520-12	Dissolved	Water	3005A	
MB 280-506991/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 280-506991/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
280-139809-C-3-B MS	Matrix Spike	Dissolved	Water	3005A	
280-139809-C-3-C MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	

Prep Batch: 506993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Dissolved	Water	3005A	
280-139814-2	HVL-082520-02	Dissolved	Water	3005A	
280-139814-3	HVL-082520-03	Dissolved	Water	3005A	
280-139814-4	HVL-082520-04	Dissolved	Water	3005A	
280-139814-5	HVL-082520-05	Dissolved	Water	3005A	
280-139814-6	HVL-082520-06	Dissolved	Water	3005A	
280-139814-7	HVL-082520-07	Dissolved	Water	3005A	
280-139814-8	HVL-082520-08	Dissolved	Water	3005A	
280-139814-9	HVL-082520-09	Dissolved	Water	3005A	
280-139814-10	HVL-082520-10	Dissolved	Water	3005A	

Eurofins TestAmerica, Denver

QC Association Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Metals (Continued)

Prep Batch: 506993 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-11	HVL-082520-11	Dissolved	Water	3005A	
280-139814-12	HVL-082520-12	Dissolved	Water	3005A	
MB 280-506993/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 280-506993/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
280-139809-C-3-G MS	Matrix Spike	Dissolved	Water	3005A	
280-139809-C-3-H MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	

Analysis Batch: 507387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Dissolved	Water	6010B	506993
280-139814-2	HVL-082520-02	Dissolved	Water	6010B	506993
280-139814-3	HVL-082520-03	Dissolved	Water	6010B	506993
280-139814-4	HVL-082520-04	Dissolved	Water	6010B	506993
280-139814-5	HVL-082520-05	Dissolved	Water	6010B	506993
280-139814-6	HVL-082520-06	Dissolved	Water	6010B	506993
280-139814-7	HVL-082520-07	Dissolved	Water	6010B	506993
280-139814-8	HVL-082520-08	Dissolved	Water	6010B	506993
280-139814-9	HVL-082520-09	Dissolved	Water	6010B	506993
280-139814-10	HVL-082520-10	Dissolved	Water	6010B	506993
280-139814-11	HVL-082520-11	Dissolved	Water	6010B	506993
280-139814-12	HVL-082520-12	Dissolved	Water	6010B	506993
MB 280-506993/1-A	Method Blank	Total Recoverable	Water	6010B	506993
LCS 280-506993/2-A	Lab Control Sample	Total Recoverable	Water	6010B	506993
280-139809-C-3-G MS	Matrix Spike	Dissolved	Water	6010B	506993
280-139809-C-3-H MSD	Matrix Spike Duplicate	Dissolved	Water	6010B	506993

Analysis Batch: 507436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Dissolved	Water	6020	506991
280-139814-2	HVL-082520-02	Dissolved	Water	6020	506991
280-139814-3	HVL-082520-03	Dissolved	Water	6020	506991
280-139814-4	HVL-082520-04	Dissolved	Water	6020	506991
280-139814-5	HVL-082520-05	Dissolved	Water	6020	506991
280-139814-6	HVL-082520-06	Dissolved	Water	6020	506991

Analysis Batch: 507510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-7	HVL-082520-07	Dissolved	Water	6020	506991
280-139814-8	HVL-082520-08	Dissolved	Water	6020	506991
280-139814-9	HVL-082520-09	Dissolved	Water	6020	506991
280-139814-10	HVL-082520-10	Dissolved	Water	6020	506991
280-139814-11	HVL-082520-11	Dissolved	Water	6020	506991
280-139814-12	HVL-082520-12	Dissolved	Water	6020	506991
MB 280-506991/1-A	Method Blank	Total Recoverable	Water	6020	506991
LCS 280-506991/2-A	Lab Control Sample	Total Recoverable	Water	6020	506991
280-139809-C-3-B MS	Matrix Spike	Dissolved	Water	6020	506991
280-139809-C-3-C MSD	Matrix Spike Duplicate	Dissolved	Water	6020	506991

QC Association Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

General Chemistry

Analysis Batch: 506885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Total/NA	Water	300.0	
280-139814-2	HVL-082520-02	Total/NA	Water	300.0	
280-139814-3	HVL-082520-03	Total/NA	Water	300.0	
280-139814-4	HVL-082520-04	Total/NA	Water	300.0	
280-139814-5	HVL-082520-05	Total/NA	Water	300.0	
280-139814-6	HVL-082520-06	Total/NA	Water	300.0	
280-139814-7	HVL-082520-07	Total/NA	Water	300.0	
280-139814-8	HVL-082520-08	Total/NA	Water	300.0	
280-139814-9	HVL-082520-09	Total/NA	Water	300.0	
280-139814-10	HVL-082520-10	Total/NA	Water	300.0	
280-139814-11	HVL-082520-11	Total/NA	Water	300.0	
280-139814-12	HVL-082520-12	Total/NA	Water	300.0	
MB 280-506885/6	Method Blank	Total/NA	Water	300.0	
LCS 280-506885/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 280-506885/5	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 280-506885/3	Lab Control Sample	Total/NA	Water	300.0	
280-139814-4 MS	HVL-082520-04	Total/NA	Water	300.0	
280-139814-4 MSD	HVL-082520-04	Total/NA	Water	300.0	
280-139814-10 MS	HVL-082520-10	Total/NA	Water	300.0	
280-139814-10 MSD	HVL-082520-10	Total/NA	Water	300.0	
280-139814-4 DU	HVL-082520-04	Total/NA	Water	300.0	
280-139814-10 DU	HVL-082520-10	Total/NA	Water	300.0	

Analysis Batch: 507037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Total/NA	Water	SM 2540D	
280-139814-2	HVL-082520-02	Total/NA	Water	SM 2540D	
280-139814-3	HVL-082520-03	Total/NA	Water	SM 2540D	
280-139814-4	HVL-082520-04	Total/NA	Water	SM 2540D	
280-139814-5	HVL-082520-05	Total/NA	Water	SM 2540D	
280-139814-6	HVL-082520-06	Total/NA	Water	SM 2540D	
280-139814-7	HVL-082520-07	Total/NA	Water	SM 2540D	
280-139814-8	HVL-082520-08	Total/NA	Water	SM 2540D	
280-139814-9	HVL-082520-09	Total/NA	Water	SM 2540D	
280-139814-10	HVL-082520-10	Total/NA	Water	SM 2540D	
280-139814-11	HVL-082520-11	Total/NA	Water	SM 2540D	
280-139814-12	HVL-082520-12	Total/NA	Water	SM 2540D	
MB 280-507037/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 280-507037/2	Lab Control Sample	Total/NA	Water	SM 2540D	
280-139814-12 DU	HVL-082520-12	Total/NA	Water	SM 2540D	

Analysis Batch: 507200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Total/NA	Water	SM 2320B	
280-139814-2	HVL-082520-02	Total/NA	Water	SM 2320B	
280-139814-3	HVL-082520-03	Total/NA	Water	SM 2320B	
280-139814-4	HVL-082520-04	Total/NA	Water	SM 2320B	
280-139814-5	HVL-082520-05	Total/NA	Water	SM 2320B	
280-139814-6	HVL-082520-06	Total/NA	Water	SM 2320B	
280-139814-7	HVL-082520-07	Total/NA	Water	SM 2320B	
280-139814-8	HVL-082520-08	Total/NA	Water	SM 2320B	

Eurofins TestAmerica, Denver

QC Association Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

General Chemistry (Continued)

Analysis Batch: 507200 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-9	HVL-082520-09	Total/NA	Water	SM 2320B	
280-139814-10	HVL-082520-10	Total/NA	Water	SM 2320B	
280-139814-11	HVL-082520-11	Total/NA	Water	SM 2320B	
280-139814-12	HVL-082520-12	Total/NA	Water	SM 2320B	
MB 280-507200/31	Method Blank	Total/NA	Water	SM 2320B	
MB 280-507200/5	Method Blank	Total/NA	Water	SM 2320B	
LCS 280-507200/30	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 280-507200/4	Lab Control Sample	Total/NA	Water	SM 2320B	
280-139814-8 DU	HVL-082520-08	Total/NA	Water	SM 2320B	

Analysis Batch: 507266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Total/NA	Water	350.1	
280-139814-2	HVL-082520-02	Total/NA	Water	350.1	
280-139814-3	HVL-082520-03	Total/NA	Water	350.1	
280-139814-4	HVL-082520-04	Total/NA	Water	350.1	
280-139814-5	HVL-082520-05	Total/NA	Water	350.1	
280-139814-6	HVL-082520-06	Total/NA	Water	350.1	
280-139814-7	HVL-082520-07	Total/NA	Water	350.1	
280-139814-8	HVL-082520-08	Total/NA	Water	350.1	
280-139814-9	HVL-082520-09	Total/NA	Water	350.1	
280-139814-10	HVL-082520-10	Total/NA	Water	350.1	
280-139814-11	HVL-082520-11	Total/NA	Water	350.1	
280-139814-12	HVL-082520-12	Total/NA	Water	350.1	
MB 280-507266/19	Method Blank	Total/NA	Water	350.1	
LCS 280-507266/18	Lab Control Sample	Total/NA	Water	350.1	
280-139814-1 MS	HVL-082520-01	Total/NA	Water	350.1	
280-139814-1 MSD	HVL-082520-01	Total/NA	Water	350.1	
280-139814-11 MS	HVL-082520-11	Total/NA	Water	350.1	
280-139814-11 MSD	HVL-082520-11	Total/NA	Water	350.1	

Analysis Batch: 507331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-8	HVL-082520-08	Total/NA	Water	SM 2540C	
280-139814-9	HVL-082520-09	Total/NA	Water	SM 2540C	
280-139814-10	HVL-082520-10	Total/NA	Water	SM 2540C	
280-139814-11	HVL-082520-11	Total/NA	Water	SM 2540C	
280-139814-12	HVL-082520-12	Total/NA	Water	SM 2540C	
MB 280-507331/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 280-507331/1	Lab Control Sample	Total/NA	Water	SM 2540C	
280-139814-8 DU	HVL-082520-08	Total/NA	Water	SM 2540C	

Analysis Batch: 507435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Total/NA	Water	SM 2540C	
280-139814-2	HVL-082520-02	Total/NA	Water	SM 2540C	
280-139814-3	HVL-082520-03	Total/NA	Water	SM 2540C	
280-139814-4	HVL-082520-04	Total/NA	Water	SM 2540C	
280-139814-5	HVL-082520-05	Total/NA	Water	SM 2540C	
280-139814-6	HVL-082520-06	Total/NA	Water	SM 2540C	
280-139814-7	HVL-082520-07	Total/NA	Water	SM 2540C	

Eurofins TestAmerica, Denver

QC Association Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

General Chemistry (Continued)

Analysis Batch: 507435 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 280-507435/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 280-507435/2	Lab Control Sample	Total/NA	Water	SM 2540C	
280-139814-1 DU	HVL-082520-01	Total/NA	Water	SM 2540C	

Analysis Batch: 508773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Total/NA	Water	SM 5310B	
280-139814-2	HVL-082520-02	Total/NA	Water	SM 5310B	
280-139814-3	HVL-082520-03	Total/NA	Water	SM 5310B	
280-139814-4	HVL-082520-04	Total/NA	Water	SM 5310B	
280-139814-5	HVL-082520-05	Total/NA	Water	SM 5310B	
280-139814-6	HVL-082520-06	Total/NA	Water	SM 5310B	
280-139814-7	HVL-082520-07	Total/NA	Water	SM 5310B	
280-139814-8	HVL-082520-08	Total/NA	Water	SM 5310B	
280-139814-9	HVL-082520-09	Total/NA	Water	SM 5310B	
280-139814-10	HVL-082520-10	Total/NA	Water	SM 5310B	
280-139814-11	HVL-082520-11	Total/NA	Water	SM 5310B	
280-139814-12	HVL-082520-12	Total/NA	Water	SM 5310B	
MB 280-508773/35	Method Blank	Total/NA	Water	SM 5310B	
MB 280-508773/4	Method Blank	Total/NA	Water	SM 5310B	
LCS 280-508773/3	Lab Control Sample	Total/NA	Water	SM 5310B	
LCS 280-508773/34	Lab Control Sample	Total/NA	Water	SM 5310B	
280-139814-2 MS	HVL-082520-02	Total/NA	Water	SM 5310B	
280-139814-2 MSD	HVL-082520-02	Total/NA	Water	SM 5310B	
280-139814-12 MS	HVL-082520-12	Total/NA	Water	SM 5310B	
280-139814-12 MSD	HVL-082520-12	Total/NA	Water	SM 5310B	

Subcontract

Analysis Batch: F009358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
280-139814-2	HVL-082520-02	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
280-139814-3	HVL-082520-03	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
280-139814-4	HVL-082520-04	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
280-139814-5	HVL-082520-05	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
280-139814-6	HVL-082520-06	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
280-139814-7	HVL-082520-07	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P

Eurofins TestAmerica, Denver

QC Association Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Subcontract (Continued)

Analysis Batch: F009358 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-8	HVL-082520-08	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
280-139814-9	HVL-082520-09	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
280-139814-10	HVL-082520-10	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
280-139814-11	HVL-082520-11	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
280-139814-12	HVL-082520-12	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
F009358-BLK1	Method Blank	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
F009358-BLK2	Method Blank	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
F009358-BS1	Lab Control Sample	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
F009358-BSD1	Lab Control Sample Dup	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
F009358-MS1	HVL-082520-01 (280-139814-1) DISSOLVED MS	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
F009358-MS2	HVL-082520-02 (280-139814-2) DISSOLVED MS	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
F009358-MSD1	HVL-082520-01 (280-139814-1) DISSOLVED MS	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P
F009358-MSD2	HVL-082520-02 (280-139814-2) DISSOLVED MS	Total/NA	Water	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F	F009358_P

Prep Batch: F009358_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-1	HVL-082520-01	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
280-139814-2	HVL-082520-02	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
280-139814-3	HVL-082520-03	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
280-139814-4	HVL-082520-04	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	

Eurofins TestAmerica, Denver

QC Association Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Subcontract (Continued)

Prep Batch: F009358_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-139814-5	HVL-082520-05	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
280-139814-6	HVL-082520-06	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
280-139814-7	HVL-082520-07	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
280-139814-8	HVL-082520-08	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
280-139814-9	HVL-082520-09	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
280-139814-10	HVL-082520-10	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
280-139814-11	HVL-082520-11	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
280-139814-12	HVL-082520-12	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
F009358-BLK1	Method Blank	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
F009358-BLK2	Method Blank	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
F009358-BS1	Lab Control Sample	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
F009358-BSD1	Lab Control Sample Dup	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
F009358-MS1	HVL-082520-01 (280-139814-1) DISSOLVED MS	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
F009358-MS2	HVL-082520-02 (280-139814-2) DISSOLVED MS	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	

QC Association Summary

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Subcontract (Continued)

Prep Batch: F009358_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
F009358-MSD1	HVL-082520-01 (280-139814-1) DISSOLVED MS	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	
F009358-MSD2	HVL-082520-02 (280-139814-2) DISSOLVED MS	Total/NA	Water	EFGS SOP2836 Closed Vessel Water Oven Digestion	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Lab Chronicle

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Client Sample ID: HVL-082520-01

Lab Sample ID: 280-139814-1

Date Collected: 08/25/20 10:05

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507505	09/01/20 12:52	TAW	TAL DEN
Total/NA	Analysis	300.0		1			482469	09/15/20 13:13	LTC	TAL SL
Total/NA	Analysis	300.0	DL	20			482469	09/15/20 13:29	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 18:18	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507436	08/31/20 12:15	LMT	TAL DEN
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 15:43	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 14:44	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 15:20	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507435	08/31/20 14:24	BAR	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/10/20 23:52	JMB	TAL DEN
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 00:01	MGS	FrontierGe

Client Sample ID: HVL-082520-02

Lab Sample ID: 280-139814-2

Date Collected: 08/25/20 10:00

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507505	09/01/20 13:13	TAW	TAL DEN
Total/NA	Analysis	300.0		1			482469	09/15/20 13:45	LTC	TAL SL
Total/NA	Analysis	300.0	DL	20			482469	09/15/20 14:01	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 18:21	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507436	08/31/20 12:19	LMT	TAL DEN
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 15:26	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 14:50	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 15:25	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507435	08/31/20 14:24	BAR	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/11/20 00:51	JMB	TAL DEN

Eurofins TestAmerica, Denver

Lab Chronicle

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Client Sample ID: HVL-082520-02

Lab Sample ID: 280-139814-2

Date Collected: 08/25/20 10:00

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 00:14	MGS	FrontierGe

Client Sample ID: HVL-082520-03

Lab Sample ID: 280-139814-3

Date Collected: 08/25/20 10:10

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507505	09/01/20 13:34	TAW	TAL DEN
Total/NA	Analysis	300.0		1			482469	09/15/20 14:17	LTC	TAL SL
Total/NA	Analysis	300.0	DL	20			482469	09/15/20 14:33	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 18:25	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507436	08/31/20 12:22	LMT	TAL DEN
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 16:00	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 14:52	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 15:30	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507435	08/31/20 14:24	BAR	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/11/20 02:05	JMB	TAL DEN
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 01:05	MGS	FrontierGe

Client Sample ID: HVL-082520-04

Lab Sample ID: 280-139814-4

Date Collected: 08/25/20 11:00

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507505	09/01/20 13:56	TAW	TAL DEN
Total/NA	Analysis	300.0		1			482469	09/15/20 14:49	LTC	TAL SL
Total/NA	Analysis	300.0	DL	20			482469	09/15/20 15:04	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 18:28	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507436	08/31/20 12:26	LMT	TAL DEN

Eurofins TestAmerica, Denver

Lab Chronicle

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Client Sample ID: HVL-082520-04

Lab Sample ID: 280-139814-4

Date Collected: 08/25/20 11:00

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 16:32	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 14:54	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 15:35	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507435	08/31/20 14:24	BAR	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/11/20 02:20	JMB	TAL DEN
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 01:10	MGS	FrontierGe

Client Sample ID: HVL-082520-05

Lab Sample ID: 280-139814-5

Date Collected: 08/25/20 11:43

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507505	09/01/20 14:17	TAW	TAL DEN
Total/NA	Analysis	300.0		1			482469	09/15/20 15:52	LTC	TAL SL
Total/NA	Analysis	300.0	DL	20			482469	09/15/20 16:08	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 18:31	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507436	08/31/20 12:30	LMT	TAL DEN
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 18:27	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 14:56	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 15:41	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507435	08/31/20 14:24	BAR	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/11/20 02:37	JMB	TAL DEN
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 01:14	MGS	FrontierGe

Client Sample ID: HVL-082520-06

Lab Sample ID: 280-139814-6

Date Collected: 08/25/20 12:30

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507505	09/01/20 14:38	TAW	TAL DEN

Eurofins TestAmerica, Denver

Lab Chronicle

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Client Sample ID: HVL-082520-06

Lab Sample ID: 280-139814-6

Date Collected: 08/25/20 12:30

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			482469	09/15/20 16:24	LTC	TAL SL
Total/NA	Analysis	300.0	DL	20			482469	09/15/20 16:39	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 18:35	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507436	08/31/20 12:33	LMT	TAL DEN
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 18:44	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 14:58	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 15:46	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507435	08/31/20 14:24	BAR	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/11/20 02:52	JMB	TAL DEN
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 01:19	MGS	FrontierGe

Client Sample ID: HVL-082520-07

Lab Sample ID: 280-139814-7

Date Collected: 08/25/20 13:00

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507505	09/01/20 14:59	TAW	TAL DEN
Total/NA	Analysis	300.0	DL	20			482469	09/15/20 17:11	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 18:51	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507510	08/31/20 19:17	LMT	TAL DEN
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 19:00	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 15:00	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 15:51	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507435	08/31/20 14:24	BAR	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/11/20 03:06	JMB	TAL DEN
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 01:33	MGS	FrontierGe

Eurofins TestAmerica, Denver

Lab Chronicle

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Client Sample ID: HVL-082520-08

Lab Sample ID: 280-139814-8

Date Collected: 08/25/20 13:28

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507505	09/01/20 15:21	TAW	TAL DEN
Total/NA	Analysis	300.0		1			482469	09/15/20 17:27	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 18:55	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507510	08/31/20 19:21	LMT	TAL DEN
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 19:17	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 15:02	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 16:19	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507331	08/30/20 16:55	SVC	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/11/20 03:21	JMB	TAL DEN
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 01:37	MGS	FrontierGe

Client Sample ID: HVL-082520-09

Lab Sample ID: 280-139814-9

Date Collected: 08/25/20 14:10

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507505	09/01/20 15:42	TAW	TAL DEN
Total/NA	Analysis	300.0		1			482469	09/15/20 17:59	LTC	TAL SL
Total/NA	Analysis	300.0	DL	20			482469	09/15/20 18:15	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 18:58	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507510	08/31/20 19:25	LMT	TAL DEN
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 19:33	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 15:16	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 16:29	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507331	08/30/20 16:55	SVC	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/11/20 03:36	JMB	TAL DEN
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 01:42	MGS	FrontierGe

Eurofins TestAmerica, Denver

Lab Chronicle

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Client Sample ID: HVL-082520-10

Lab Sample ID: 280-139814-10

Date Collected: 08/25/20 14:35

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507505	09/01/20 16:03	TAW	TAL DEN
Total/NA	Analysis	300.0		1			482469	09/15/20 19:03	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 19:02	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507510	08/31/20 19:28	LMT	TAL DEN
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 19:49	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 15:18	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 16:35	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507331	08/30/20 16:55	SVC	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/11/20 03:51	JMB	TAL DEN
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 01:46	MGS	FrontierGe

Client Sample ID: HVL-082520-11

Lab Sample ID: 280-139814-11

Date Collected: 08/25/20 15:15

Matrix: Water

Date Received: 08/26/20 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507505	09/01/20 16:24	TAW	TAL DEN
Total/NA	Analysis	300.0		1			482469	09/15/20 19:34	LTC	TAL SL
Total/NA	Analysis	300.0	DL	20			482469	09/15/20 19:50	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 19:05	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507510	08/31/20 19:32	LMT	TAL DEN
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 21:28	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 15:20	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 16:40	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507331	08/30/20 16:55	SVC	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/11/20 04:07	JMB	TAL DEN
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 01:51	MGS	FrontierGe

Eurofins TestAmerica, Denver

Lab Chronicle

Client: SCS Engineers
Project/Site: Hidden Valley LF

Job ID: 280-139814-1

Client Sample ID: HVL-082520-12
Date Collected: 08/25/20 15:28
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507847	09/03/20 12:39	PP	TAL DEN
Total/NA	Analysis	8260B	RA	1	5 mL	5 mL	507993	09/04/20 16:55	AJP	TAL DEN
Total/NA	Analysis	300.0		1			482469	09/15/20 20:06	LTC	TAL SL
Dissolved	Prep	3005A			50 mL	50 mL	506993	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6010B		1			507387	08/28/20 19:08	MRJ	TAL DEN
Dissolved	Prep	3005A			50 mL	50 mL	506991	08/27/20 16:20	EAS	TAL DEN
Dissolved	Analysis	6020		1			507510	08/31/20 19:36	LMT	TAL DEN
Total/NA	Analysis	300.0		1	5 mL	5 mL	506885	08/26/20 21:44	JAP	TAL DEN
Total/NA	Analysis	350.1		1	10 mL	10 mL	507266	08/28/20 15:26	BAR	TAL DEN
Total/NA	Analysis	SM 2320B		1			507200	08/27/20 16:45	RAF	TAL DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	507331	08/30/20 16:55	SVC	TAL DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	507037	08/27/20 08:42	LEB	TAL DEN
Total/NA	Analysis	SM 5310B		1	20 mL	20 mL	508773	09/11/20 04:52	JMB	TAL DEN
Total/NA	Prep	EFGS SOP2836 Closed Vessel Water Oven Digestion		1			F009358_P	09/14/20 11:13		FrontierGe
Total/NA	Analysis	LL Diss Fe 200.8 RL=0.3 mg/L (Eurofins F		1			F009358	09/15/20 01:56	MGS	FrontierGe

Client Sample ID: TRIP BLANK
Date Collected: 08/25/20 10:00
Date Received: 08/26/20 10:30

Lab Sample ID: 280-139814-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	507847	09/03/20 13:00	PP	TAL DEN
Total/NA	Analysis	8260B	RA	1	5 mL	5 mL	507993	09/04/20 17:16	AJP	TAL DEN

Laboratory References:

FrontierGe = Frontier GeoSciences, Inc, 5755 8th Street E, Tacoma, WA 98424
TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100
TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Chain of Custody Record

Denver TestAmerica

#280

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Denver
 4955 Yarrow Street
 Arvada, CO 80002
 Phone (303) 736-0100 Fax (303) 431-7171

Client Information
 Client Contact: Sam Graber
 Company: SCS Engineers
 Address: 2405 140th Avenue NE Suite 107
 City: Bellevue
 State, Zip: WA, 98005-1877
 Phone: 425-760-3362
 Email: SGrabert@scsengineers.com
 Project Name: Hidden Valley Landfill
 Site: 7

Sampler: S-G + AD
Lab PM: Sara, Betsy A
Phone: 425-766-3362
E-Mail: betsy.sara@testamericainc.com

Carrier Tracking No(s): See pg. 2
Job #: 04220002.03

Due Date Requested: standard
TAT Requested (days):
PO #:
Purchase Order not required
WO #:
Project #: 28003580-Quarterly Groundwater Wells
SSOW#:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Newell, Smold, Omastill, Bristle, A=Ar)	Fluid Filtered Sample (Yes or No)				Preservation Code:				Special Instructions/Note:	
					A	D	D	N	N	S	N	S		
HVL-082520-01	8/25/20	1005	G	W	X	X	X	X	X	X	X	X	X	Short Hold: NO3(C)
HVL-082520-02		1000												
HVL-082520-03		1010												
HVL-082520-04		1100												
HVL-082520-05		1143												
HVL-082520-06		1230												
HVL-082520-07		1300												
HVL-082520-08		1328												
HVL-082520-09		1410												
HVL-082520-10		1435												
HVL-082520-11		1515												

Preservation Codes:
 A - HCL
 B - NaOH
 C - Zn Acetate
 D - Nitric Acid
 E - NaHSO4
 F - MeOH
 G - Amchlor
 H - Ascorbic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - EDA
 Other:
 M - Hexane
 N - None
 O - AsNaO2
 P - Na2O4S
 Q - Na2SO3
 R - Na2S2SO3
 S - H2SO4
 T - TSP Dodecahydrate
 U - Acetone
 V - MCAA
 W - ph 4.5
 Z - other (specify)

Special Instructions/Note:
 Short Hold: NO3(C)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client
 Disposal By Lab
 Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: [Signature]
Relinquished by: [Signature]
Relinquished by: [Signature]
Relinquished by: [Signature]

Deliverable Requested: Flammable Skin Irritant Poison B Unknown Radiological

Method of Shipment:

Date: 8/25/20 1730
Date/Time: 8/26/20 1030
Date/Time:
Date/Time:

Company: SCS
Company: ETA-DUM
Company:

Custody Seal No.: 3.1.5.0, 4.8, 2.6
 See page 2
 8/26/20
 8/26/20



8156 5924 6250
8156 5924 6353

Denver TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record #280

TestAmerica Denver
4955 Yarrow Street
Anvada, CO 80002
Phone (303) 736-0100 Fax (303) 431-7171

Client Information
 Sampler: Sam G. & A.P. Lab PM: Sara, Betsy A
 Phone: 425-766-3362 E-Mail: betsy.sara@testamericainc.com
 Company: SCS Engineers

Address: 2405 140th Avenue NE Suite 107
City: Bellevue
State, Zip: WA, 98005-1877
Phone: 425-766-3362
Email: SGrabert@scsengineers.com
Project Name: Hidden Valley Landfill
Site:

Due Date Requested: Standard
TAT Requested (days):
PO #:
 Purchase Order not required
WO #:
Project #: 28003580-Quarterly Groundwater Wells
SSOW#:

Sample Identification
 HVL-082520-12
 Trip blank

Sample Date: 8/25/20
Sample Time: 1528
Sample Type (C=comp, G=grab): W
Matrix (W=water, S=solid, O=soil, C=contaminant): W

Analysis Requested

Analysis	A	D	D	N	N	S	N
9260B	X	X	X	X	X	X	X
Dissolved Metals (60108/6020)	X	X	X	X	X	X	X
Dissolved Iron (Frontier)	X	X	X	X	X	X	X
TDS/AKs/NO3(C)	X	X	X	X	X	X	X
C/SO4 (TA St. Louis)	X	X	X	X	X	X	X
Ammonia/TOC	X	X	X	X	X	X	X
TSS	X	X	X	X	X	X	X

Special Instructions/Note:
Short Hold: NO3(C)

Preservation Codes:
 A - HCL
 B - NaOH
 C - Zn Acetate
 D - Nitric Acid
 E - NaHSO4
 F - MeOH
 G - Amchlor
 H - Ascorbic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - EDA
 Other:

Carrier Tracking No(s): 280-21691-8019.1
Page: 2 of 2
Job #: 01220002.03

Special Instructions/Note:
 Return To Client
 Disposal By Lab
 Archive For _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Received by: [Signature]
Date/Time: 8/26/20 1030
Company: ETA-Rum

Received by:
Date/Time:
Company:

Received by:
Date/Time:
Company:

Custody Seal No.: 1387468, 1387469, 1387467, 1387466
 Δ Yes Δ No

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ORIGIN

280-139814 Waybill

25AUG20
40 LB
3110
1414 IN

10:30
4
G
0272
08/20

TO **SAMUEL HILL**
TESTAMERICA DENVER
4955 YARROW ST

ARVADA CO 80002 - 4517

REF:

eurofins

(31)

1387467



WED - 26 AUG 10:30A
PRIORITY OVERNIGHT

TRY 8156 5924 6272

AHS
80002
CO-US DEN

XH LAAA



ORIGIN ID

25AUG20

Expanded
FedEx Express
Billable Stamp
Use only for shipments within the U.S.
Saturday delivery available.

FedEx Priority Overnight

1 From See optional release signature below

ORDER: 00851499

V Seal

05/20

50

(S.O.)

eurofins

650

1387468

SAMPLE RECEIVING
TAMERICA DENVER
YARROW ST
ARVADA, CO 80002
(303) 736-0100

4
10:30
G
DELIVERY
Jered on Friday
02:30 on Saturday to
09:20 ons.



REF: 8156 5924 6250

Release Signature
For nonresidential deliveries.

For FedEx Use Only
Employee Number

Other

Usage Charges

Total Charges

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

fedex.com 1800.GoFedEx 1800-463-3339

M-10091 Rev. 12/17

Form ID 0667

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12
13
14

SHIP DATE: 25AUG20
ACTWGT: 60.40 LB
CWD: /SSFE2110
DIMS: 24x14x14 IN

10 SAMPLE RECEIVING
TESTAMERICA DENVER
4955 YARROW ST

ARVADA CO 80002
REF: (303) 736-0100

(US)

eurofins

4.8

Custody Seal

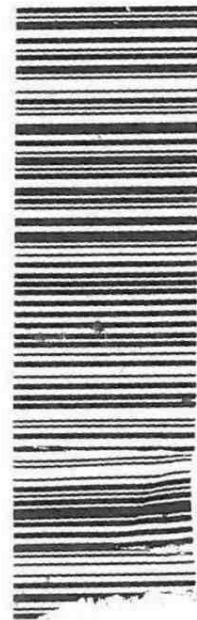
1387466

SIGNATURE S
DATE 8/25/20

WED - 26 AUG 10:30A
PRIORITY OVERNIGHT
AHS
80002
CO - US DEN

TRK# 8156 5924 6261
0667

XH LAAA



FedEx Priority Overnight
Next business morning by 10:30 a.m. Not available to all locations. Please consult the current FedEx Service Guide for specific commitments.
NON-REDEEMABLE

Expofie Sta
Use only for shipments within the U.S. Stationed in Denver, CO.

DECLARED VALUE \$100
PACKAGE WEIGHT

SIGNATURE S
DATE 8/25/20

Custody Seal

387466



8156 5924 6353
Please Signatures For residential deliveries.
Employee Number
Base Charges
Other
Total Charges

fedex.com 1.800.Go.FedEx 1.800.463.3339
M-10091 Rev. 12/17
Form ID 0667

TestAmerica Denver
Priority Form

280-139814

Project Manager: Betsy, Sava

Log-in Number:

Client: SCS Engineers

Time Zone:

EDT/EST CDT/CST MDT/MST **PDT/PST**

Other:

	Initials:	Date/Time:
Receiving	RP	8/26/20 1313
Dept. Rep. / Analyst	BMM	8/26/2020 0205

HT	Analysis	Min Volume needed (mL)	Method	Sample(s)	MS/MSD Required
Cr+6	Chromium (VI) (24 h) [Circle Method]	100	3500-Cr B/D or 7196A		
Priority I	Turbidity	50	180.1		
	Biological Oxygen Demand	1000	5210 B		
	Carbonaceous BOD (cBOD)	1000	5210 B		
	Cyanide Preservation	100	335.4 / 4500-CN		
	Color	100	2120 B		
	Nitrite by Spec (COC May Only list Nitrate)	100	353.2 / 4500-NO ₂ B		
	Orthophosphate by Spec.	50	365.1*		
	Nitrate by IC	50	300.0 9056	1-12	
	Nitrite by IC	50	300.0 / 9056		
	Orthophosphate by IC	50	300.0 / 9056*		
Priority II	Settleable Solids	1000	SM2540F		
	VOA 624 Unpreserved (A/A/2C)	00040	624 5mL UP or 624 5mL UP 3d		
	Dissolved Oxygen	100	4500-O G		
	Free Carbon Dioxide (CO ₂)	100	4500-CO ₂		
	Sulfite (SO ₃ ²⁻)	100	4500-SO ₃ B		
	pH (water)	100	4500-H B / 9040 / 9045		
	pH (soil Hanford)	5 g	9045C		
	Ferrous Iron	100	3500-FE D		

Preserve:

Preserve:

Filter:

Split:

Composite:

8260 Encores Terracores

Check if required: Coring device un-extruded requires extrusion and freezing within 48 hours.

Check if required: A plug of dirt in an empty vial -- place in the freezer within 48 hours for preservation

7 Day Holds - Delayed by FedEx or Held by Client

<input type="checkbox"/> TSS 2540D	<input type="checkbox"/> Sulfide 9030B	<input type="checkbox"/> 8081 / 608 (H ₂ O)	<input type="checkbox"/> 8270 / 625 (H ₂ O)
<input type="checkbox"/> TDS 2540C	<input type="checkbox"/> Sulfide 9034	<input type="checkbox"/> 8082 / 608 (H ₂ O)	<input type="checkbox"/> 8015 DRO (H ₂ O)
<input type="checkbox"/> VOA 524.2	<input type="checkbox"/> Total Solids 2540B	<input type="checkbox"/> 8141 (H ₂ O)	
<input type="checkbox"/> VSS 160.4	<input type="checkbox"/> Sulfide 4500 S2	<input type="checkbox"/> 8151 (H ₂ O)	

Tests	Samples	Rapidly Expiring	24 TAT	48 TAT	72 TAT	Other:

*Orthophosphate by methods 300.0 and 365.1 require field filtration within 15 minutes of collection.



25AUG20
4.0 LB
3.110 IN
4x14 IN

280-139814 Waybill

TO **SAM'S ELECTRONICS**
TESTAMERICA DENVER
4955 YARROW ST

ARVADA CO 80002 - 4517

REF: 1387467



eurofins



WED - 26 AUG 10:30A
PRIORITY OVERNIGHT

TRY 8156 5924 6272

XH LAAA

AHS
80002
CO-US DEN



ORIGIN ID

25AUG20

FedEx
Express
Expanded Billable Stamp
Use only for shipments within the U.S.
Saturday delivery available.

FedEx
Priority
Overnight®

1 From See optional release signature below

ORDER: 00851499

Next business morning by 10:30 a.m. Not available to all locations. Please consult the current FedEx Service Guide for specific commitments.

Seal



650

eurofins

1387468

SAMPLE RECEIVING
TAMERICA DENVER
YARROW ST
ARVADA, CO 80002
(303) 736-0100

DELIVERY
10:30 G
Arrived on Friday 08/26/20
on Saturday 08/26/20



REF: 8156 5924 6250

Release Signature
For residential deliveries.

For FedEx Use Only
Basic Charges

Employee Number	Total Charges
Other	

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

fedex.com 1.800.GoFedEx 1.800.463.3339

M-10091 Rev. 12/17

Form ID 0667



ORIGIN ID:SEAA

SHIP DATE: 25AUG20
ACT WGT: 60.40 LB
CRO: /SFE2110
DIMS: 24x14x14 IN

10 SAMPLE RECEIVING
TESTAMERICA DENVER
4955 YARROW ST

ARVADA CO 80002

(303) 780-0100

(US)

DEPT:

europins

SIGNATURE

DATE 8/25/20

Custody Seal

1387466

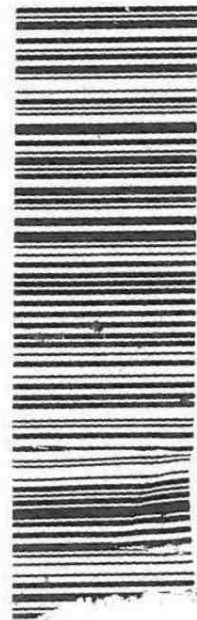
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WED - 26 AUG 10:30A
PRIORITY OVERNIGHT

TRK# 8156 5924 6261

AHS 80002
CO - US DEN

XH LAAA



F

Expire Sta

FedEx Priority Overnight

Next business morning by 10:30 a.m. Not available to all locations. Please consult the current FedEx Service Guide for specific commitments.

NON-REDEEMABLE

DECLARED VALUE \$100
PACKAGE WEIGHT

SIGNATURE

DATE 8/25/20

Custody Seal

ARVADA, CO 80002
(303) 780-0100

387466

europins

2.6

most locations.



8156 5924 6353

Business Signature
For residential deliveries.

For FedEx the Only
Base Charges

Employee Number

Other

Total Charges

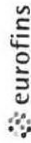
By signing you authorize us to deliver this shipment without obtaining a signature and to return to us if no delivery and hold an item from any tracking label.

fedex.com 1800.GoFedEx 1800.463.3329

M-10091 Rev. 12/17

Form ID 0667

Chain of Custody Record



Client Information (Sub Contract Lab)		Lab PM:	Carrier Tracking No(s):	COC No:					
Client Contact: Shipping/Receiving		Sara, Betsy A		280-536777.1					
Company: TestAmerica Laboratories, Inc.		E-Mail: Betsy.Sara@Eurofins.com	State of Origin: Washington	Page: Page 1 of 2					
Address: 13715 Rider Trail North,		Accreditations Required (See note): State Program - Washington	Job #: 280-139814-1	Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)					
City: Earth City		Due Date Requested: 9/15/2020	Analysis Requested						
State, Zip: MO, 63045		TAT Requested (days):	Total Number of containers						
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		PO #:	Field Filtered Sample (Yes or No)						
Email:		WO #:	Perform MS/MSD (Yes or No)						
Project Name: Hidden Valley LF		Project #: 28003580	300 ORGFM_28D/ (MOD) Sulfate/Chloride (TA St. Louis)						
Site:		SSOW#:	Special Instructions/Note:						
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, Ash)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300 ORGFM_28D/ (MOD) Sulfate/Chloride (TA St. Louis)	Total Number of containers	Special Instructions/Note:
HVL-082520-01 (280-139814-1)	8/25/20	10:05 Pacific		Water	X	X	X	1	
HVL-082520-02 (280-139814-2)	8/25/20	10:00 Pacific		Water	X	X	X	1	
HVL-082520-03 (280-139814-3)	8/25/20	10:10 Pacific		Water	X	X	X	1	
HVL-082520-04 (280-139814-4)	8/25/20	11:00 Pacific		Water	X	X	X	1	
HVL-082520-05 (280-139814-5)	8/25/20	11:43 Pacific		Water	X	X	X	1	
HVL-082520-06 (280-139814-6)	8/25/20	12:30 Pacific		Water	X	X	X	1	
HVL-082520-07 (280-139814-7)	8/25/20	13:00 Pacific		Water	X	X	X	1	
HVL-082520-08 (280-139814-8)	8/25/20	13:28 Pacific		Water	X	X	X	1	
HVL-082520-09 (280-139814-9)	8/25/20	14:10 Pacific		Water	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2
 Empty Kit Relinquished by: _____ Date: _____ Method of Shipment:
 Relinquished by: _____ Date: 8/25/20 13:15 Company: _____
 Relinquished by: _____ Date: _____ Company: _____
 Relinquished by: _____ Date: _____ Company: _____
 Custody Seals Intact: _____ Custody Seal No.: _____
 Δ Yes Δ No

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months
 Special Instructions/QC Requirements:

Received by: _____ Date: _____ Company: _____
 Received by: MICHAEL KENNEDY Date: AUG 28 2020 09:25 Company: ETA SR
 Cooler Temperature(s) °C and Other Remarks:



Chain of Custody Record

Client Information (Sub Contract Lab)			Lab PM: Sara, Betsy A		Carrier Tracking No(s):		ICC No: 280-536777.2				
Client Contact: Shipping/Receiving			E-Mail: Betsy.Sara@Eurofins.com		State of Origin: Washington		Page: Page 2 of 2				
Company: TestAmerica Laboratories, Inc.			Accreditations Required (See note): State Program - Washington		Job #:		280-139814-1				
Address: 13715 Rider Trail North,			Due Date Requested: 9/15/2020		Analysis Requested:		Preservation Codes:				
City: Earth City			TAT Requested (days):				A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:				
State, Zip: MO, 63045			PO #:				M - Hexane N - None O - AsNaO2 P - Na2SO3 Q - Na2SO4 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (Specify)				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)			WO #:								
Project Name: Hidden Valley LF			Project #: 28003580								
Site:			SSOW#:								
Sample Identification - Client ID (Lab ID)			Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, On-water, BTFTissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300 ORFGM 28D/ (MOD) Sulfate/Chloride (TA St Louis)	Total Number of Containers	Special Instructions/Note:
HVL-082520-10 (280-139814-10)			8/25/20	14:35 Pacific		Water		X		1	
HVL-082520-11 (280-139814-11)			8/25/20	15:15 Pacific		Water		X		1	
HVL-082520-12 (280-139814-12)			8/25/20	15:28 Pacific		Water		X		1	
<p>Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica</p>											
Possible Hazard Identification											
Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months											
Special Instructions/QC Requirements:											
Empty Kit Relinquished by:			Date:		Method of Shipment:						
Relinquished by: <i>[Signature]</i>			Date/Time: 8/27/2020 13:15		Received by: FED EX		Date/Time: _____				
Relinquished by: FED EX			Date/Time: _____		Received by: <i>[Signature]</i>		Date/Time: AUG 28 2020 09:25				
Relinquished by:			Date/Time: _____		Received by:		Date/Time: _____				
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No			Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:						



Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 280-139814-1

Login Number: 139814

List Source: Eurofins TestAmerica, Denver

List Number: 1

Creator: Pottruff, Reed W

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	False	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 280-139814-1

Login Number: 139814

List Number: 2

Creator: Boyd, Jacob C

List Source: Eurofins TestAmerica, St. Louis

List Creation: 08/28/20 12:13 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	