

SIMCOE LLC
(formerly BPX Energy Inc.)

REVIEWED

By Mike Buchanan at 1:56 pm, Jan 23, 2024

Review of the
Groundwater
Remediation Report for
GCU Com H #180
1. Continue to conduct
quarterly monitoring for
the site.
2. Continue to submit
annual reports for
groundwater at the site
on an annual basis, by
or before April 1, 2024.

GROUNDWATER REMEDIATION REPORT

GCU Com H #180
(J) SECTION 28, T29N, R12W, NMPM
SAN JUAN COUNTY, NEW MEXICO

PREPARED FOR:
NEW MEXICO OIL CONSERVATION DIVISION

JANUARY 2022

PREPARED BY:
SIMCOE LLC
1100 Main Ave., Suite 101
Durango, Colorado 81301

SIMCOE LLC GCU Com H #180

Monitor Well Sampling Dates: 03/03/2021, 06/10/2021, 08/19/2021, 12/08/2021.

Pit Closure & Background:

In 2019, impacted soils were discovered during confirmation soil sampling conducted during the removal of a below-grade tank (BGT) from the Gallegos Canyon Unit Com H #180 well site. The BGT is not suspected of causing the release and source of the impacts is likely historical contamination. Impacted soils were excavated and groundwater monitoring wells were installed on site. In 2020, operation of an air sparge system commenced. The air sparge system injects ambient air into the subsurface groundwater to increase volatilization and oxidation of contaminants.

Groundwater Monitor Well Sampling Procedures:

Groundwater sampling was conducted on March 3, June 10, August 19, and December 8, 2021. Prior to groundwater sample collection, depth-to-water measurements were collected. Prior to sample collection, approximately three wellbore volumes were purged from the sample well with new disposable bailers. The groundwater sample was collected following US EPA SW-846 protocol. The groundwater sample was transferred into laboratory-provided containers with the appropriate preservative, stored in a cooler on ice, and submitted with a complete chain-of-custody to Hall Environmental Analysis Laboratory for analysis of volatile organic compounds (VOCs) by US EPA Method 8260B. Cottonwood also collected field measurements of pH, conductivity, and temperature.

Monitor Results:

Naphthalene and total xylenes were detected above the New Mexico Water Quality Control Commission (NMWQCC) standards in MW #102 during the March 3, 2021 sampling event. Other VOCs were either not detected or detected below the NMWQCC standards in MW #102 during the 2021 monitoring events. Benzene was detected below the NMWQCC standard in MW #103 during the August 19, 2021 sampling event. Ethylbenzene and total xylenes were detected below the NMWQCC standard in MW #103 during all of the 2021 sampling events. No VOCs were detected in MW #104 and MW #105 during the 2021 monitoring events. A groundwater sampling results table is included and the groundwater sampling laboratory reports from the 2021 groundwater sampling are included



**Gallegos Canyon Unit Com H #180
Groundwater Sampling Results
Simcoe LLC**

Well Name	Sample Date	Depth to Water (ft)	Well Depth (ft)	Conductivity (umhos)	pH	Naphthalene (mg/L)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Total Xylenes (ppb)
MW #101	09/23/19	7.71	11.65	1,700	7.45	ND	ND	ND	ND	ND
MW #102	09/23/19	6.84	12.58	2,400	7.16	26	140	5,000	480	3,400
"	11/07/19	7.23	"	1,900	7.27	ND	3.7	300	41	320
"	12/04/19	6.97	"	2,600	7.06	ND	ND	280	36	260
"	03/26/20	6.71	"	2,700	7.05	ND	1.8	3.7	2.3	8.4
"	03/03/21	-	"	-	-	16	ND	ND	ND	1,000
"	06/10/21	-	"	-	-	ND	ND	ND	ND	220
"	08/19/21	-	"	-	-	ND	ND	ND	ND	ND
"	12/08/21	8.10	"	5,690	7.24	ND	ND	ND	ND	ND
MW #103	09/23/19	7.31	12.58	2,500	7.19	ND	ND	ND	43	110
"	12/04/19	7.46	"	2,700	7.12	ND	ND	ND	36	82
"	03/26/20	7.21	"	2,900	7.19	ND	ND	ND	61	160
"	03/03/21	-	"	-	-	ND	ND	ND	18	130
"	06/10/21	-	"	-	-	ND	ND	ND	27	130
"	08/19/21	-	"	-	-	ND	1.7	ND	45	190
"	12/08/21	7.75	"	5,140	7.27	ND	ND	ND	6	31
MW #104	09/23/19	7.46	12.20	2,300	7.23	ND	4.7	1.4	18	92
"	12/04/19	7.64	"	2,700	6.99	ND	130	ND	23	65
"	12/13/19	7.54	"	3,000	7.30	ND	130	2.2	23	63
"	12/23/19	7.64	"	2,400	7.22	ND	110	ND	35	110
"	01/22/20	7.50	"	3,300	7.27	ND	270	4.1	48	160
"	03/26/20	7.41	"	3,200	7.15	ND	210	8.0	87	310
"	03/03/21	-	"	-	-	ND	ND	ND	ND	ND
"	06/10/21	-	"	-	-	ND	ND	ND	ND	ND
"	08/19/21	-	"	-	-	ND	ND	ND	ND	ND
"	12/08/21	7.80	"	5,650	7.18	ND	ND	ND	ND	ND
MW #105	03/26/20	8.03	12.00	2,700	7.22	ND	ND	ND	ND	2.4
"	03/03/21	-	"	-	-	ND	ND	ND	ND	ND
"	06/10/21	-	"	-	-	ND	ND	ND	ND	ND
"	08/19/21	-	"	-	-	ND	ND	ND	ND	ND
"	12/08/21	7.05	"	5,680	7.43	ND	ND	ND	ND	ND
NMWQCC Groundwater Standard					6-9	0.03	5	1000	700	620

Well Name	Sample Date	pH	Fluoride (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Lead (mg/L)	Iron (mg/L)	Manganese (mg/L)
MW #101	09/23/19	7.54	ND	100	ND	2,300	4,100	ND	0.027	3.8
MW #102	09/23/19	7.39	ND	130	ND	3,000	5,200	ND	0.14	5.0
"	12/04/19	-	-	-	-	2,900	5,220	-	-	5.7
MW #103	09/23/19	7.82	ND	130	ND	2,100	4,180	ND	0.10	2.6
MW #104	09/23/19	7.66	ND	130	ND	2,500	4,980	ND	0.029	3.8
MW #105	03/26/20	7.49	ND	140	ND	3,100	4,690	ND	0.19	5.9
NMWQCC Groundwater Standard		6-9	1.6	250.0	10.0	600.0	1000.0	0.015	1.0	0.2

Notes:

TDS - Total Dissolved Solids

ft - feet

mg/L - milligrams per liter

umhos - microhms

ppb - parts per billion

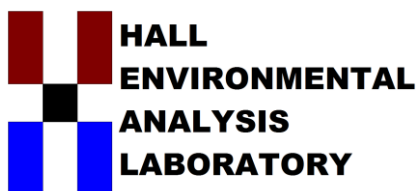
"- " - Indicates no data

NMWQCC - New Mexico Water Quality Control Commission

Depth to water measured from top of well casing

Bold values exceed NMWQCC Standard

LABORATORY REPORTS



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

March 16, 2021

Steve Moskal
SIMCOE
1100 Main St.
Durango, CO 81301
TEL: (505) 330-9179
FAX:

RE: GCU Com H 180

OrderNo.: 2103244

Dear Steve Moskal:

Hall Environmental Analysis Laboratory received 4 sample(s) on 3/4/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2103244

Date Reported: 3/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-103

Project: GCU Com H 180

Collection Date: 3/3/2021 12:05:00 PM

Lab ID: 2103244-001

Matrix: GROUNDWA

Received Date: 3/4/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JMR
Benzene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Toluene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Ethylbenzene	18	1.0		µg/L	1	3/13/2021 10:01:54 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,2,4-Trimethylbenzene	30	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,3,5-Trimethylbenzene	6.7	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Naphthalene	ND	2.0		µg/L	1	3/13/2021 10:01:54 AM
1-Methylnaphthalene	4.4	4.0		µg/L	1	3/13/2021 10:01:54 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/13/2021 10:01:54 AM
Acetone	19	10		µg/L	1	3/13/2021 10:01:54 AM
Bromobenzene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Bromodichloromethane	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Bromoform	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Bromomethane	ND	3.0		µg/L	1	3/13/2021 10:01:54 AM
2-Butanone	ND	10		µg/L	1	3/13/2021 10:01:54 AM
Carbon disulfide	ND	10		µg/L	1	3/13/2021 10:01:54 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Chlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Chloroethane	ND	2.0		µg/L	1	3/13/2021 10:01:54 AM
Chloroform	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Chloromethane	ND	3.0		µg/L	1	3/13/2021 10:01:54 AM
2-Chlorotoluene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
4-Chlorotoluene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
cis-1,2-DCE	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/13/2021 10:01:54 AM
Dibromochloromethane	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Dibromomethane	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/13/2021 10:01:54 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2103244

Date Reported: 3/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-103

Project: GCU Com H 180

Collection Date: 3/3/2021 12:05:00 PM

Lab ID: 2103244-001

Matrix: GROUNDWA

Received Date: 3/4/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JMR
1,1-Dichloropropene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
2-Hexanone	ND	10		µg/L	1	3/13/2021 10:01:54 AM
Isopropylbenzene	4.6	1.0		µg/L	1	3/13/2021 10:01:54 AM
4-Isopropyltoluene	1.7	1.0		µg/L	1	3/13/2021 10:01:54 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/13/2021 10:01:54 AM
Methylene Chloride	ND	3.0		µg/L	1	3/13/2021 10:01:54 AM
n-Butylbenzene	ND	3.0		µg/L	1	3/13/2021 10:01:54 AM
n-Propylbenzene	3.6	1.0		µg/L	1	3/13/2021 10:01:54 AM
sec-Butylbenzene	1.0	1.0		µg/L	1	3/13/2021 10:01:54 AM
Styrene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
tert-Butylbenzene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/13/2021 10:01:54 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
trans-1,2-DCE	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/13/2021 10:01:54 AM
Vinyl chloride	ND	1.0		µg/L	1	3/13/2021 10:01:54 AM
Xylenes, Total	130	1.5		µg/L	1	3/13/2021 10:01:54 AM
Surr: 1,2-Dichloroethane-d4	94.6	70-130		%Rec	1	3/13/2021 10:01:54 AM
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	3/13/2021 10:01:54 AM
Surr: Dibromofluoromethane	91.1	70-130		%Rec	1	3/13/2021 10:01:54 AM
Surr: Toluene-d8	102	70-130		%Rec	1	3/13/2021 10:01:54 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL	Practical Quantitative Limit	RL Reporting Limit
S	% Recovery outside of range due to dilution or matrix	

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Analytical Report

Lab Order 2103244

Date Reported: 3/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-105

Project: GCU Com H 180

Collection Date: 3/3/2021 12:35:00 PM

Lab ID: 2103244-002

Matrix: GROUNDWA

Received Date: 3/4/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JMR
Benzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Toluene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Ethylbenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Naphthalene	ND	2.0		µg/L	1	3/13/2021 10:30:28 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/13/2021 10:30:28 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/13/2021 10:30:28 AM
Acetone	ND	10		µg/L	1	3/13/2021 10:30:28 AM
Bromobenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Bromodichloromethane	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Bromoform	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Bromomethane	ND	3.0		µg/L	1	3/13/2021 10:30:28 AM
2-Butanone	ND	10		µg/L	1	3/13/2021 10:30:28 AM
Carbon disulfide	ND	10		µg/L	1	3/13/2021 10:30:28 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Chlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Chloroethane	ND	2.0		µg/L	1	3/13/2021 10:30:28 AM
Chloroform	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Chloromethane	ND	3.0		µg/L	1	3/13/2021 10:30:28 AM
2-Chlorotoluene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
4-Chlorotoluene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
cis-1,2-DCE	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/13/2021 10:30:28 AM
Dibromochloromethane	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Dibromomethane	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/13/2021 10:30:28 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2103244

Date Reported: 3/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-105

Project: GCU Com H 180

Collection Date: 3/3/2021 12:35:00 PM

Lab ID: 2103244-002

Matrix: GROUNDWA

Received Date: 3/4/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JMR
1,1-Dichloropropene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
2-Hexanone	ND	10		µg/L	1	3/13/2021 10:30:28 AM
Isopropylbenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/13/2021 10:30:28 AM
Methylene Chloride	ND	3.0		µg/L	1	3/13/2021 10:30:28 AM
n-Butylbenzene	ND	3.0		µg/L	1	3/13/2021 10:30:28 AM
n-Propylbenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
sec-Butylbenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Styrene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
tert-Butylbenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/13/2021 10:30:28 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
trans-1,2-DCE	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/13/2021 10:30:28 AM
Vinyl chloride	ND	1.0		µg/L	1	3/13/2021 10:30:28 AM
Xylenes, Total	ND	1.5		µg/L	1	3/13/2021 10:30:28 AM
Surr: 1,2-Dichloroethane-d4	94.7	70-130		%Rec	1	3/13/2021 10:30:28 AM
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	3/13/2021 10:30:28 AM
Surr: Dibromofluoromethane	95.5	70-130		%Rec	1	3/13/2021 10:30:28 AM
Surr: Toluene-d8	104	70-130		%Rec	1	3/13/2021 10:30:28 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103244

Date Reported: 3/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-104

Project: GCU Com H 180

Collection Date: 3/3/2021 1:05:00 PM

Lab ID: 2103244-003

Matrix: GROUNDWA

Received Date: 3/4/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JMR
Benzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Toluene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Ethylbenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Naphthalene	ND	2.0		µg/L	1	3/13/2021 10:58:57 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/13/2021 10:58:57 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/13/2021 10:58:57 AM
Acetone	ND	10		µg/L	1	3/13/2021 10:58:57 AM
Bromobenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Bromodichloromethane	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Bromoform	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Bromomethane	ND	3.0		µg/L	1	3/13/2021 10:58:57 AM
2-Butanone	ND	10		µg/L	1	3/13/2021 10:58:57 AM
Carbon disulfide	ND	10		µg/L	1	3/13/2021 10:58:57 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Chlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Chloroethane	ND	2.0		µg/L	1	3/13/2021 10:58:57 AM
Chloroform	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Chloromethane	ND	3.0		µg/L	1	3/13/2021 10:58:57 AM
2-Chlorotoluene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
4-Chlorotoluene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
cis-1,2-DCE	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/13/2021 10:58:57 AM
Dibromochloromethane	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Dibromomethane	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/13/2021 10:58:57 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2103244

Date Reported: 3/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-104

Project: GCU Com H 180

Collection Date: 3/3/2021 1:05:00 PM

Lab ID: 2103244-003

Matrix: GROUNDWA

Received Date: 3/4/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JMR
1,1-Dichloropropene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
2-Hexanone	ND	10		µg/L	1	3/13/2021 10:58:57 AM
Isopropylbenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/13/2021 10:58:57 AM
Methylene Chloride	ND	3.0		µg/L	1	3/13/2021 10:58:57 AM
n-Butylbenzene	ND	3.0		µg/L	1	3/13/2021 10:58:57 AM
n-Propylbenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
sec-Butylbenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Styrene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
tert-Butylbenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/13/2021 10:58:57 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
trans-1,2-DCE	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/13/2021 10:58:57 AM
Vinyl chloride	ND	1.0		µg/L	1	3/13/2021 10:58:57 AM
Xylenes, Total	ND	1.5		µg/L	1	3/13/2021 10:58:57 AM
Surr: 1,2-Dichloroethane-d4	90.1	70-130		%Rec	1	3/13/2021 10:58:57 AM
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	3/13/2021 10:58:57 AM
Surr: Dibromofluoromethane	92.2	70-130		%Rec	1	3/13/2021 10:58:57 AM
Surr: Toluene-d8	108	70-130		%Rec	1	3/13/2021 10:58:57 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2103244

Date Reported: 3/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-102

Project: GCU Com H 180

Collection Date: 3/3/2021 1:40:00 PM

Lab ID: 2103244-004

Matrix: GROUNDWA

Received Date: 3/4/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JMR
Benzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Toluene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Ethylbenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,2,4-Trimethylbenzene	230	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,3,5-Trimethylbenzene	100	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Naphthalene	16	10		µg/L	5	3/13/2021 11:56:00 AM
1-Methylnaphthalene	ND	20		µg/L	5	3/13/2021 11:56:00 AM
2-Methylnaphthalene	ND	20		µg/L	5	3/13/2021 11:56:00 AM
Acetone	ND	50		µg/L	5	3/13/2021 11:56:00 AM
Bromobenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Bromodichloromethane	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Bromoform	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Bromomethane	ND	15		µg/L	5	3/13/2021 11:56:00 AM
2-Butanone	ND	50		µg/L	5	3/13/2021 11:56:00 AM
Carbon disulfide	ND	50		µg/L	5	3/13/2021 11:56:00 AM
Carbon Tetrachloride	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Chlorobenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Chloroethane	ND	10		µg/L	5	3/13/2021 11:56:00 AM
Chloroform	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Chloromethane	ND	15		µg/L	5	3/13/2021 11:56:00 AM
2-Chlorotoluene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
4-Chlorotoluene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
cis-1,2-DCE	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	3/13/2021 11:56:00 AM
Dibromochloromethane	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Dibromomethane	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Dichlorodifluoromethane	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,1-Dichloroethane	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,1-Dichloroethene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,2-Dichloropropane	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,3-Dichloropropane	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
2,2-Dichloropropane	ND	10		µg/L	5	3/13/2021 11:56:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2103244

Date Reported: 3/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-102

Project: GCU Com H 180

Collection Date: 3/3/2021 1:40:00 PM

Lab ID: 2103244-004

Matrix: GROUNDWA

Received Date: 3/4/2021 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JMR
1,1-Dichloropropene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Hexachlorobutadiene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
2-Hexanone	ND	50		µg/L	5	3/13/2021 11:56:00 AM
Isopropylbenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
4-Isopropyltoluene	10	5.0		µg/L	5	3/13/2021 11:56:00 AM
4-Methyl-2-pentanone	ND	50		µg/L	5	3/13/2021 11:56:00 AM
Methylene Chloride	ND	15		µg/L	5	3/13/2021 11:56:00 AM
n-Butylbenzene	ND	15		µg/L	5	3/13/2021 11:56:00 AM
n-Propylbenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
sec-Butylbenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Styrene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
tert-Butylbenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	3/13/2021 11:56:00 AM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
trans-1,2-DCE	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Trichloroethene (TCE)	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Trichlorofluoromethane	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
1,2,3-Trichloropropane	ND	10		µg/L	5	3/13/2021 11:56:00 AM
Vinyl chloride	ND	5.0		µg/L	5	3/13/2021 11:56:00 AM
Xylenes, Total	1000	7.5		µg/L	5	3/13/2021 11:56:00 AM
Surr: 1,2-Dichloroethane-d4	99.7	70-130		%Rec	5	3/13/2021 11:56:00 AM
Surr: 4-Bromofluorobenzene	93.0	70-130		%Rec	5	3/13/2021 11:56:00 AM
Surr: Dibromofluoromethane	94.3	70-130		%Rec	5	3/13/2021 11:56:00 AM
Surr: Toluene-d8	106	70-130		%Rec	5	3/13/2021 11:56:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2103244

16-Mar-21

Client: SIMCOE
Project: GCU Com H 180

Sample ID: 100ng lcs	SampType: LCS			TestCode: EPA Method 8260B: VOLATILES						
Client ID: LCSW	Batch ID: A75931			RunNo: 75931						
Prep Date:	Analysis Date: 3/12/2021			SeqNo: 2686937		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	17	1.0	20.00	0	86.3	70	130			
Toluene	18	1.0	20.00	0	89.9	70	130			
Chlorobenzene	18	1.0	20.00	0	89.9	70	130			
1,1-Dichloroethene	17	1.0	20.00	0	84.6	70	130			
Trichloroethene (TCE)	15	1.0	20.00	0	72.7	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		99.6	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.5	70	130			
Surr: Dibromofluoromethane	8.6		10.00		86.2	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			

Sample ID: mb1	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: A75931			RunNo: 75931						
Prep Date:	Analysis Date: 3/12/2021			SeqNo: 2686938		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103244

16-Mar-21

Client: SIMCOE
Project: GCU Com H 180

Sample ID: mb1	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: A75931	RunNo: 75931								
Prep Date:	Analysis Date: 3/12/2021	SeqNo: 2686938	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Page 10 of 11

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2103244

16-Mar-21

Client: SIMCOE

Project: GCU Com H 180

Sample ID: mb1		SampType: MBLK		TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW		Batch ID: A75931		RunNo: 75931						
Prep Date:		Analysis Date: 3/12/2021		SeqNo: 2686938		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.0		10.00		90.3	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.2	70	130			
Surr: Dibromofluoromethane	9.3		10.00		93.0	70	130			
Surr: Toluene-d8	11		10.00		106	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: SIMCOE

Work Order Number: 2103244

RcptNo: 1

Received By: Juan Rojas

3/4/2021 7:50:00 AM

Completed By: Desiree Dominguez

3/4/2021 9:02:55 AM

Reviewed By: ENM

3/4/21

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☒ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: DAD 3/4/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

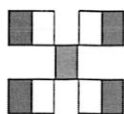
16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.1	Good	Yes			

Chain-of-Custody Record									
Client: <u>SINAGE LLC</u>		Turn-Around Time: ☒ Standard ☐ Rush							
Mailing Address: <u>Bill to IKA Energy</u>		Project Name: <u>SCU Core H 180</u>							
Phone #: <u>505 330 9179</u>		Project #: <u>TBD</u>							
email or Fax#: <u>505 330 9179</u>		Project Manager: <u>Steve Moskal</u>							
QA/QC Package: ☐ Standard ☐ Level 4 (Full Validation)		Sampler: <u>11 11</u>							
Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other		On Ice: ☒ Yes ☐ No							
☐ EDD (Type) _____		# of Coolers: <u>1</u>							
		Cooler Temp (including CF): <u>7.3-0.2 = 2.1 / (°C)</u>							
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.			
3/3/24	12:05	GW	MW1103	40ml HCl	Ice/HCl	-001			
↓	12:35	↓	MW105	↓	↓	-002			
↓	13:05	↓	MW104	↓	↓	-003			
↓	13:40	↓	MW102	↓	↓	-004			
Date:	Time:	Relinquished by:	Received by:		Via:	Date	Time		
3/3/24	1555	<u>[Signature]</u>	Steve Moskal			3/3/24	1555		
Date:	Time:	Relinquished by:	Received by:		Via:	Date	Time		
3/3/24	1753	<u>[Signature]</u>	Steve Moskal			3/3/24	1753		

if necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

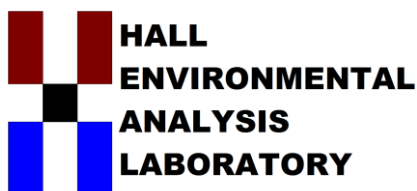
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

Remarks:

Released to Imaging: 1/23/2024 2:12:23 PM



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

June 23, 2021

Steve Moskal
SIMCOE
1100 Main St.
Durango, CO 81301
TEL: (505) 330-9179
FAX

RE: Gallegos Canyon Unit Com H 180

OrderNo.: 2106660

Dear Steve Moskal:

Hall Environmental Analysis Laboratory received 4 sample(s) on 6/11/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2106660

Date Reported: 6/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-3

Project: Gallegos Canyon Unit Com H 180

Collection Date: 6/10/2021 2:20:00 PM

Lab ID: 2106660-001

Matrix: GROUNDWA

Received Date: 6/11/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
Benzene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Toluene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Ethylbenzene	27	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Methyl tert-butyl ether (MTBE)	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,2,4-Trimethylbenzene	50	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,3,5-Trimethylbenzene	5.6	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,2-Dichloroethane (EDC)	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,2-Dibromoethane (EDB)	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Naphthalene	ND	10	D	µg/L	5	6/19/2021 4:08:50 AM
1-Methylnaphthalene	ND	20	D	µg/L	5	6/19/2021 4:08:50 AM
2-Methylnaphthalene	ND	20	D	µg/L	5	6/19/2021 4:08:50 AM
Acetone	ND	50	D	µg/L	5	6/19/2021 4:08:50 AM
Bromobenzene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Bromodichloromethane	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Bromoform	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Bromomethane	ND	15	D	µg/L	5	6/19/2021 4:08:50 AM
2-Butanone	ND	50	D	µg/L	5	6/19/2021 4:08:50 AM
Carbon disulfide	ND	50	D	µg/L	5	6/19/2021 4:08:50 AM
Carbon Tetrachloride	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Chlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Chloroethane	ND	10	D	µg/L	5	6/19/2021 4:08:50 AM
Chloroform	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Chloromethane	ND	15	D	µg/L	5	6/19/2021 4:08:50 AM
2-Chlorotoluene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
4-Chlorotoluene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
cis-1,2-DCE	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
cis-1,3-Dichloropropene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,2-Dibromo-3-chloropropane	ND	10	D	µg/L	5	6/19/2021 4:08:50 AM
Dibromochloromethane	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Dibromomethane	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,2-Dichlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,3-Dichlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,4-Dichlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Dichlorodifluoromethane	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,1-Dichloroethane	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,1-Dichloroethene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,2-Dichloropropane	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,3-Dichloropropane	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
2,2-Dichloropropane	ND	10	D	µg/L	5	6/19/2021 4:08:50 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 13

Analytical Report

Lab Order 2106660

Date Reported: 6/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-3

Project: Gallegos Canyon Unit Com H 180

Collection Date: 6/10/2021 2:20:00 PM

Lab ID: 2106660-001

Matrix: GROUNDWA

Received Date: 6/11/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
1,1-Dichloropropene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Hexachlorobutadiene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
2-Hexanone	ND	50	D	µg/L	5	6/19/2021 4:08:50 AM
Isopropylbenzene	9.0	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
4-Isopropyltoluene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
4-Methyl-2-pentanone	ND	50	D	µg/L	5	6/19/2021 4:08:50 AM
Methylene Chloride	ND	15	D	µg/L	5	6/19/2021 4:08:50 AM
n-Butylbenzene	ND	15	D	µg/L	5	6/19/2021 4:08:50 AM
n-Propylbenzene	6.6	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
sec-Butylbenzene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Styrene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
tert-Butylbenzene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,1,1,2-Tetrachloroethane	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,1,2,2-Tetrachloroethane	ND	10	D	µg/L	5	6/19/2021 4:08:50 AM
Tetrachloroethene (PCE)	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
trans-1,2-DCE	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
trans-1,3-Dichloropropene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,2,3-Trichlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,2,4-Trichlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,1,1-Trichloroethane	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,1,2-Trichloroethane	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Trichloroethene (TCE)	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Trichlorofluoromethane	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
1,2,3-Trichloropropane	ND	10	D	µg/L	5	6/19/2021 4:08:50 AM
Vinyl chloride	ND	5.0	D	µg/L	5	6/19/2021 4:08:50 AM
Xylenes, Total	130	7.5	D	µg/L	5	6/19/2021 4:08:50 AM
Surr: 1,2-Dichloroethane-d4	98.0	70-130	D	%Rec	5	6/19/2021 4:08:50 AM
Surr: 4-Bromofluorobenzene	104	70-130	D	%Rec	5	6/19/2021 4:08:50 AM
Surr: Dibromofluoromethane	93.4	70-130	D	%Rec	5	6/19/2021 4:08:50 AM
Surr: Toluene-d8	101	70-130	D	%Rec	5	6/19/2021 4:08:50 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 13

Analytical Report

Lab Order 2106660

Date Reported: 6/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-5

Project: Gallegos Canyon Unit Com H 180

Collection Date: 6/10/2021 2:45:00 PM

Lab ID: 2106660-002

Matrix: GROUNDWA

Received Date: 6/11/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
Benzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Toluene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Ethylbenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Naphthalene	ND	2.0		µg/L	1	6/21/2021 5:36:35 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	6/21/2021 5:36:35 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	6/21/2021 5:36:35 PM
Acetone	ND	10		µg/L	1	6/21/2021 5:36:35 PM
Bromobenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Bromodichloromethane	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Bromoform	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Bromomethane	ND	3.0		µg/L	1	6/21/2021 5:36:35 PM
2-Butanone	ND	10		µg/L	1	6/21/2021 5:36:35 PM
Carbon disulfide	ND	10		µg/L	1	6/21/2021 5:36:35 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Chlorobenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Chloroethane	ND	2.0		µg/L	1	6/21/2021 5:36:35 PM
Chloroform	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Chloromethane	ND	3.0		µg/L	1	6/21/2021 5:36:35 PM
2-Chlorotoluene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
4-Chlorotoluene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
cis-1,2-DCE	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/21/2021 5:36:35 PM
Dibromochloromethane	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Dibromomethane	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	6/21/2021 5:36:35 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 13

Analytical Report

Lab Order 2106660

Date Reported: 6/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-5

Project: Gallegos Canyon Unit Com H 180

Collection Date: 6/10/2021 2:45:00 PM

Lab ID: 2106660-002

Matrix: GROUNDWA

Received Date: 6/11/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
1,1-Dichloropropene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
2-Hexanone	ND	10		µg/L	1	6/21/2021 5:36:35 PM
Isopropylbenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/21/2021 5:36:35 PM
Methylene Chloride	ND	3.0		µg/L	1	6/21/2021 5:36:35 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/21/2021 5:36:35 PM
n-Propylbenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
sec-Butylbenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Styrene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
tert-Butylbenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/21/2021 5:36:35 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
trans-1,2-DCE	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/21/2021 5:36:35 PM
Vinyl chloride	ND	1.0		µg/L	1	6/21/2021 5:36:35 PM
Xylenes, Total	ND	1.5		µg/L	1	6/21/2021 5:36:35 PM
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	1	6/21/2021 5:36:35 PM
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/21/2021 5:36:35 PM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	6/21/2021 5:36:35 PM
Surr: Toluene-d8	108	70-130		%Rec	1	6/21/2021 5:36:35 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2106660

Date Reported: 6/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-4

Project: Gallegos Canyon Unit Com H 180

Collection Date: 6/10/2021 3:10:00 PM

Lab ID: 2106660-003

Matrix: GROUNDWA

Received Date: 6/11/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
Benzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Toluene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Ethylbenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Naphthalene	ND	2.0		µg/L	1	6/21/2021 6:04:03 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	6/21/2021 6:04:03 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	6/21/2021 6:04:03 PM
Acetone	ND	10		µg/L	1	6/21/2021 6:04:03 PM
Bromobenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Bromodichloromethane	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Bromoform	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Bromomethane	ND	3.0		µg/L	1	6/21/2021 6:04:03 PM
2-Butanone	ND	10		µg/L	1	6/21/2021 6:04:03 PM
Carbon disulfide	ND	10		µg/L	1	6/21/2021 6:04:03 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Chlorobenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Chloroethane	ND	2.0		µg/L	1	6/21/2021 6:04:03 PM
Chloroform	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Chloromethane	ND	3.0		µg/L	1	6/21/2021 6:04:03 PM
2-Chlorotoluene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
4-Chlorotoluene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
cis-1,2-DCE	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/21/2021 6:04:03 PM
Dibromochloromethane	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Dibromomethane	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	6/21/2021 6:04:03 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2106660

Date Reported: 6/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-4

Project: Gallegos Canyon Unit Com H 180

Collection Date: 6/10/2021 3:10:00 PM

Lab ID: 2106660-003

Matrix: GROUNDWA

Received Date: 6/11/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
1,1-Dichloropropene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
2-Hexanone	ND	10		µg/L	1	6/21/2021 6:04:03 PM
Isopropylbenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/21/2021 6:04:03 PM
Methylene Chloride	ND	3.0		µg/L	1	6/21/2021 6:04:03 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/21/2021 6:04:03 PM
n-Propylbenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
sec-Butylbenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Styrene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
tert-Butylbenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/21/2021 6:04:03 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
trans-1,2-DCE	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/21/2021 6:04:03 PM
Vinyl chloride	ND	1.0		µg/L	1	6/21/2021 6:04:03 PM
Xylenes, Total	ND	1.5		µg/L	1	6/21/2021 6:04:03 PM
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	1	6/21/2021 6:04:03 PM
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	1	6/21/2021 6:04:03 PM
Surr: Dibromofluoromethane	106	70-130		%Rec	1	6/21/2021 6:04:03 PM
Surr: Toluene-d8	106	70-130		%Rec	1	6/21/2021 6:04:03 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2106660

Date Reported: 6/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-2

Project: Gallegos Canyon Unit Com H 180

Collection Date: 6/10/2021 3:40:00 PM

Lab ID: 2106660-004

Matrix: GROUNDWA

Received Date: 6/11/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
Benzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Toluene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Ethylbenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Methyl tert-butyl ether (MTBE)	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,2,4-Trimethylbenzene	200	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,3,5-Trimethylbenzene	150	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,2-Dichloroethane (EDC)	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,2-Dibromoethane (EDB)	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Naphthalene	ND	10	D	µg/L	5	6/19/2021 5:30:29 AM
1-Methylnaphthalene	ND	20	D	µg/L	5	6/19/2021 5:30:29 AM
2-Methylnaphthalene	ND	20	D	µg/L	5	6/19/2021 5:30:29 AM
Acetone	ND	50	D	µg/L	5	6/19/2021 5:30:29 AM
Bromobenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Bromodichloromethane	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Bromoform	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Bromomethane	ND	15	D	µg/L	5	6/19/2021 5:30:29 AM
2-Butanone	ND	50	D	µg/L	5	6/19/2021 5:30:29 AM
Carbon disulfide	ND	50	D	µg/L	5	6/19/2021 5:30:29 AM
Carbon Tetrachloride	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Chlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Chloroethane	ND	10	D	µg/L	5	6/19/2021 5:30:29 AM
Chloroform	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Chloromethane	ND	15	D	µg/L	5	6/19/2021 5:30:29 AM
2-Chlorotoluene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
4-Chlorotoluene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
cis-1,2-DCE	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
cis-1,3-Dichloropropene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,2-Dibromo-3-chloropropane	ND	10	D	µg/L	5	6/19/2021 5:30:29 AM
Dibromochloromethane	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Dibromomethane	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,2-Dichlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,3-Dichlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,4-Dichlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Dichlorodifluoromethane	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,1-Dichloroethane	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,1-Dichloroethene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,2-Dichloropropane	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,3-Dichloropropane	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
2,2-Dichloropropane	ND	10	D	µg/L	5	6/19/2021 5:30:29 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2106660

Date Reported: 6/23/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW-2

Project: Gallegos Canyon Unit Com H 180

Collection Date: 6/10/2021 3:40:00 PM

Lab ID: 2106660-004

Matrix: GROUNDWA

Received Date: 6/11/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
1,1-Dichloropropene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Hexachlorobutadiene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
2-Hexanone	ND	50	D	µg/L	5	6/19/2021 5:30:29 AM
Isopropylbenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
4-Isopropyltoluene	16	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
4-Methyl-2-pentanone	ND	50	D	µg/L	5	6/19/2021 5:30:29 AM
Methylene Chloride	ND	15	D	µg/L	5	6/19/2021 5:30:29 AM
n-Butylbenzene	ND	15	D	µg/L	5	6/19/2021 5:30:29 AM
n-Propylbenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
sec-Butylbenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Styrene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
tert-Butylbenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,1,1,2-Tetrachloroethane	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,1,2,2-Tetrachloroethane	ND	10	D	µg/L	5	6/19/2021 5:30:29 AM
Tetrachloroethene (PCE)	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
trans-1,2-DCE	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
trans-1,3-Dichloropropene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,2,3-Trichlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,2,4-Trichlorobenzene	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,1,1-Trichloroethane	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,1,2-Trichloroethane	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Trichloroethene (TCE)	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Trichlorofluoromethane	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
1,2,3-Trichloropropane	ND	10	D	µg/L	5	6/19/2021 5:30:29 AM
Vinyl chloride	ND	5.0	D	µg/L	5	6/19/2021 5:30:29 AM
Xylenes, Total	220	7.5	D	µg/L	5	6/19/2021 5:30:29 AM
Surr: 1,2-Dichloroethane-d4	103	70-130	D	%Rec	5	6/19/2021 5:30:29 AM
Surr: 4-Bromofluorobenzene	128	70-130	D	%Rec	5	6/19/2021 5:30:29 AM
Surr: Dibromofluoromethane	96.4	70-130	D	%Rec	5	6/19/2021 5:30:29 AM
Surr: Toluene-d8	110	70-130	D	%Rec	5	6/19/2021 5:30:29 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2106660

23-Jun-21

Client: SIMCOE
Project: Gallegos Canyon Unit Com H 180

Sample ID: 100ng lcs2	SampType: LCS			TestCode: EPA Method 8260B: VOLATILES						
Client ID: LCSW	Batch ID: B79222			RunNo: 79222						
Prep Date:	Analysis Date: 6/19/2021			SeqNo: 2781506		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	104	70	130			
Toluene	19	1.0	20.00	0	96.1	70	130			
Chlorobenzene	18	1.0	20.00	0	91.3	70	130			
1,1-Dichloroethene	18	1.0	20.00	0	90.7	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	94.8	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		113	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		110	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.7		10.00		97.0	70	130			

Sample ID: mb2	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: B79222			RunNo: 79222						
Prep Date:	Analysis Date: 6/19/2021			SeqNo: 2781552		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106660

23-Jun-21

Client: SIMCOE

Project: Gallegos Canyon Unit Com H 180

Sample ID: mb2	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: B79222			RunNo: 79222						
Prep Date:	Analysis Date: 6/19/2021			SeqNo: 2781552		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106660

23-Jun-21

Client: SIMCOE

Project: Gallegos Canyon Unit Com H 180

Sample ID: mb2	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: B79222	RunNo: 79222								
Prep Date:	Analysis Date: 6/19/2021	SeqNo: 2781552			Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		109	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			

Sample ID: 100ng lcs	SampType: LCS	TestCode: EPA Method 8260B: VOLATILES								
Client ID: LCSW	Batch ID: R79245	RunNo: 79245								
Prep Date:	Analysis Date: 6/21/2021	SeqNo: 2782887			Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	17	1.0	20.00	0	86.3	70	130			
Toluene	19	1.0	20.00	0	94.4	70	130			
Chlorobenzene	19	1.0	20.00	0	95.5	70	130			
1,1-Dichloroethene	16	1.0	20.00	0	82.0	70	130			
Trichloroethene (TCE)	17	1.0	20.00	0	87.0	70	130			
Surr: 1,2-Dichloroethane-d4	9.9		10.00		98.8	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		109	70	130			
Surr: Dibromofluoromethane	9.5		10.00		94.7	70	130			
Surr: Toluene-d8	9.7		10.00		97.4	70	130			

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R79245	RunNo: 79245								
Prep Date:	Analysis Date: 6/21/2021	SeqNo: 2782925			Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106660

23-Jun-21

Client: SIMCOE

Project: Gallegos Canyon Unit Com H 180

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: R79245			RunNo: 79245						
Prep Date:	Analysis Date: 6/21/2021			SeqNo: 2782925		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106660

23-Jun-21

Client: SIMCOE

Project: Gallegos Canyon Unit Com H 180

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: R79245			RunNo: 79245						
Prep Date:	Analysis Date: 6/21/2021			SeqNo: 2782925		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		107	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		111	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	10		10.00		103	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: SIMCOE

Work Order Number: 2106660

RcptNo: 1

Received By: Juan Rojas

6/11/2021 7:30:00 AM

[Signature]

Completed By: Desiree Dominguez

6/11/2021 8:49:43 AM

*[Signature]*Reviewed By: *See 6/11/21*Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☒ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? *[Signature]*

Checked by: *KPG 6/11/21*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

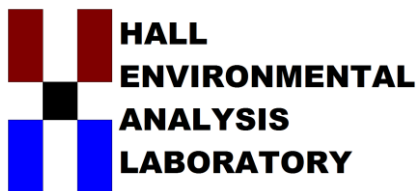
Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.7	Good	Yes			
2	0.4	Good	Yes			



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

August 30, 2021

Steve Moskal
SIMCOE
1100 Main St.
Durango, CO 81301
TEL: (505) 330-9179
FAX

RE: GCU Com H 180

OrderNo.: 2108B48

Dear Steve Moskal:

Hall Environmental Analysis Laboratory received 4 sample(s) on 8/20/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2108B48

Date Reported: 8/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW #102

Project: GCU Com H 180

Collection Date: 8/19/2021 11:50:00 AM

Lab ID: 2108B48-001

Matrix: AQUEOUS

Received Date: 8/20/2021 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: CCM
Benzene	ND	2.5		µg/L	5	8/26/2021 5:18:00 PM
Toluene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Ethylbenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,2,4-Trimethylbenzene	17	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,2-Dichloroethane (EDC)	ND	2.5		µg/L	5	8/26/2021 5:18:00 PM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Naphthalene	ND	10		µg/L	5	8/26/2021 5:18:00 PM
1-Methylnaphthalene	ND	20		µg/L	5	8/26/2021 5:18:00 PM
2-Methylnaphthalene	ND	20		µg/L	5	8/26/2021 5:18:00 PM
Acetone	ND	50		µg/L	5	8/26/2021 5:18:00 PM
Bromobenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Bromodichloromethane	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Bromoform	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Bromomethane	ND	15		µg/L	5	8/26/2021 5:18:00 PM
2-Butanone	ND	50		µg/L	5	8/26/2021 5:18:00 PM
Carbon disulfide	ND	50		µg/L	5	8/26/2021 5:18:00 PM
Carbon Tetrachloride	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Chlorobenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Chloroethane	ND	10		µg/L	5	8/26/2021 5:18:00 PM
Chloroform	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Chloromethane	ND	15		µg/L	5	8/26/2021 5:18:00 PM
2-Chlorotoluene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
4-Chlorotoluene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
cis-1,2-DCE	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	8/26/2021 5:18:00 PM
Dibromochloromethane	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Dibromomethane	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,3-Dichloropropane	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
2,2-Dichloropropane	ND	10		µg/L	5	8/26/2021 5:18:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2108B48

Date Reported: 8/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW #102

Project: GCU Com H 180

Collection Date: 8/19/2021 11:50:00 AM

Lab ID: 2108B48-001

Matrix: AQUEOUS

Received Date: 8/20/2021 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: CCM
1,1-Dichloropropene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Hexachlorobutadiene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
2-Hexanone	ND	50		µg/L	5	8/26/2021 5:18:00 PM
Isopropylbenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
4-Isopropyltoluene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
4-Methyl-2-pentanone	ND	50		µg/L	5	8/26/2021 5:18:00 PM
Methylene Chloride	ND	15		µg/L	5	8/26/2021 5:18:00 PM
n-Butylbenzene	ND	15		µg/L	5	8/26/2021 5:18:00 PM
n-Propylbenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
sec-Butylbenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Styrene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
tert-Butylbenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	8/26/2021 5:18:00 PM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
trans-1,2-DCE	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Trichloroethene (TCE)	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
1,2,3-Trichloropropane	ND	10		µg/L	5	8/26/2021 5:18:00 PM
Vinyl chloride	ND	5.0		µg/L	5	8/26/2021 5:18:00 PM
Xylenes, Total	ND	7.5		µg/L	5	8/26/2021 5:18:00 PM
Surr: 1,2-Dichloroethane-d4	83.9	70-130		%Rec	5	8/26/2021 5:18:00 PM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5	8/26/2021 5:18:00 PM
Surr: Dibromofluoromethane	81.1	70-130		%Rec	5	8/26/2021 5:18:00 PM
Surr: Toluene-d8	98.8	70-130		%Rec	5	8/26/2021 5:18:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2108B48

Date Reported: 8/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW #103

Project: GCU Com H 180

Collection Date: 8/19/2021 11:45:00 AM

Lab ID: 2108B48-002

Matrix: AQUEOUS

Received Date: 8/20/2021 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: CCM
Benzene	1.7	1.0		µg/L	1	8/26/2021 5:42:00 PM
Toluene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Ethylbenzene	45	1.0		µg/L	1	8/26/2021 5:42:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,2,4-Trimethylbenzene	54	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Naphthalene	ND	2.0		µg/L	1	8/26/2021 5:42:00 PM
1-Methylnaphthalene	11	4.0		µg/L	1	8/26/2021 5:42:00 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2021 5:42:00 PM
Acetone	ND	10		µg/L	1	8/26/2021 5:42:00 PM
Bromobenzene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Bromoform	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Bromomethane	ND	3.0		µg/L	1	8/26/2021 5:42:00 PM
2-Butanone	ND	10		µg/L	1	8/26/2021 5:42:00 PM
Carbon disulfide	ND	10		µg/L	1	8/26/2021 5:42:00 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Chloroethane	ND	2.0		µg/L	1	8/26/2021 5:42:00 PM
Chloroform	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Chloromethane	ND	3.0		µg/L	1	8/26/2021 5:42:00 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2021 5:42:00 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Dibromomethane	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2021 5:42:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2108B48

Date Reported: 8/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW #103

Project: GCU Com H 180

Collection Date: 8/19/2021 11:45:00 AM

Lab ID: 2108B48-002

Matrix: AQUEOUS

Received Date: 8/20/2021 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: CCM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
2-Hexanone	ND	10		µg/L	1	8/26/2021 5:42:00 PM
Isopropylbenzene	12	1.0		µg/L	1	8/26/2021 5:42:00 PM
4-Isopropyltoluene	3.4	1.0		µg/L	1	8/26/2021 5:42:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2021 5:42:00 PM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2021 5:42:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	8/26/2021 5:42:00 PM
n-Propylbenzene	11	1.0		µg/L	1	8/26/2021 5:42:00 PM
sec-Butylbenzene	3.8	1.0		µg/L	1	8/26/2021 5:42:00 PM
Styrene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2021 5:42:00 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2021 5:42:00 PM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2021 5:42:00 PM
Xylenes, Total	190	1.5		µg/L	1	8/26/2021 5:42:00 PM
Surr: 1,2-Dichloroethane-d4	77.1	70-130		%Rec	1	8/26/2021 5:42:00 PM
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	8/26/2021 5:42:00 PM
Surr: Dibromofluoromethane	77.7	70-130		%Rec	1	8/26/2021 5:42:00 PM
Surr: Toluene-d8	115	70-130		%Rec	1	8/26/2021 5:42:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2108B48

Date Reported: 8/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW #104

Project: GCU Com H 180

Collection Date: 8/19/2021 11:30:00 AM

Lab ID: 2108B48-003

Matrix: AQUEOUS

Received Date: 8/20/2021 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: CCM
Benzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Toluene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Naphthalene	ND	2.0		µg/L	1	8/26/2021 6:07:00 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2021 6:07:00 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2021 6:07:00 PM
Acetone	ND	10		µg/L	1	8/26/2021 6:07:00 PM
Bromobenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Bromoform	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Bromomethane	ND	3.0		µg/L	1	8/26/2021 6:07:00 PM
2-Butanone	ND	10		µg/L	1	8/26/2021 6:07:00 PM
Carbon disulfide	ND	10		µg/L	1	8/26/2021 6:07:00 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Chloroethane	ND	2.0		µg/L	1	8/26/2021 6:07:00 PM
Chloroform	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Chloromethane	ND	3.0		µg/L	1	8/26/2021 6:07:00 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2021 6:07:00 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Dibromomethane	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2021 6:07:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2108B48

Date Reported: 8/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW #104

Project: GCU Com H 180

Collection Date: 8/19/2021 11:30:00 AM

Lab ID: 2108B48-003

Matrix: AQUEOUS

Received Date: 8/20/2021 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: CCM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
2-Hexanone	ND	10		µg/L	1	8/26/2021 6:07:00 PM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2021 6:07:00 PM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2021 6:07:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	8/26/2021 6:07:00 PM
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Styrene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2021 6:07:00 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2021 6:07:00 PM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2021 6:07:00 PM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2021 6:07:00 PM
Surr: 1,2-Dichloroethane-d4	82.3	70-130		%Rec	1	8/26/2021 6:07:00 PM
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	8/26/2021 6:07:00 PM
Surr: Dibromofluoromethane	81.9	70-130		%Rec	1	8/26/2021 6:07:00 PM
Surr: Toluene-d8	97.6	70-130		%Rec	1	8/26/2021 6:07:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2108B48

Date Reported: 8/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW #105

Project: GCU Com H 180

Collection Date: 8/19/2021 11:25:00 AM

Lab ID: 2108B48-004

Matrix: AQUEOUS

Received Date: 8/20/2021 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: CCM
Benzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Toluene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Naphthalene	ND	2.0		µg/L	1	8/26/2021 6:31:00 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2021 6:31:00 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2021 6:31:00 PM
Acetone	ND	10		µg/L	1	8/26/2021 6:31:00 PM
Bromobenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Bromoform	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Bromomethane	ND	3.0		µg/L	1	8/26/2021 6:31:00 PM
2-Butanone	ND	10		µg/L	1	8/26/2021 6:31:00 PM
Carbon disulfide	ND	10		µg/L	1	8/26/2021 6:31:00 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Chloroethane	ND	2.0		µg/L	1	8/26/2021 6:31:00 PM
Chloroform	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Chloromethane	ND	3.0		µg/L	1	8/26/2021 6:31:00 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2021 6:31:00 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Dibromomethane	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2021 6:31:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2108B48

Date Reported: 8/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW #105

Project: GCU Com H 180

Collection Date: 8/19/2021 11:25:00 AM

Lab ID: 2108B48-004

Matrix: AQUEOUS

Received Date: 8/20/2021 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: CCM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
2-Hexanone	ND	10		µg/L	1	8/26/2021 6:31:00 PM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2021 6:31:00 PM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2021 6:31:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	8/26/2021 6:31:00 PM
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Styrene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2021 6:31:00 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2021 6:31:00 PM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2021 6:31:00 PM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2021 6:31:00 PM
Surr: 1,2-Dichloroethane-d4	83.5	70-130		%Rec	1	8/26/2021 6:31:00 PM
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	8/26/2021 6:31:00 PM
Surr: Dibromofluoromethane	83.7	70-130		%Rec	1	8/26/2021 6:31:00 PM
Surr: Toluene-d8	97.9	70-130		%Rec	1	8/26/2021 6:31:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108B48

30-Aug-21

Client: SIMCOE
Project: GCU Com H 180

Sample ID: 100ng 8260 lcs	SampType: LCS			TestCode: EPA Method 8260B: VOLATILES						
Client ID: LCSW	Batch ID: R80817			RunNo: 80817						
Prep Date:	Analysis Date: 8/26/2021			SeqNo: 2852994		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	92.7	70	130			
Toluene	20	1.0	20.00	0	98.5	70	130			
Chlorobenzene	19	1.0	20.00	0	95.3	70	130			
1,1-Dichloroethene	17	1.0	20.00	0	82.5	70	130			
Trichloroethene (TCE)	17	1.0	20.00	0	85.6	70	130			
Surr: 1,2-Dichloroethane-d4	8.4		10.00		83.7	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.7	70	130			
Surr: Dibromofluoromethane	8.2		10.00		81.7	70	130			
Surr: Toluene-d8	9.8		10.00		97.5	70	130			

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: R80817			RunNo: 80817						
Prep Date:	Analysis Date: 8/26/2021			SeqNo: 2852995		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108B48

30-Aug-21

Client: SIMCOE
Project: GCU Com H 180

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R80817	RunNo: 80817								
Prep Date:	Analysis Date: 8/26/2021	SeqNo: 2852995	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108B48

30-Aug-21

Client: SIMCOE

Project: GCU Com H 180

Sample ID: mb		SampType: MBLK		TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW		Batch ID: R80817		RunNo: 80817						
Prep Date:		Analysis Date: 8/26/2021		SeqNo: 2852995		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.3		10.00		83.3	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.1	70	130			
Surr: Dibromofluoromethane	8.2		10.00		82.0	70	130			
Surr: Toluene-d8	10		10.00		99.9	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: **SIMCOE**Work Order Number: **2108B48**RcptNo: **1**Received By: **Cheyenne Cason** 8/20/2021 7:00:00 AMCompleted By: **Desiree Dominguez** 8/20/2021 12:42:42 PMReviewed By: **SPA 8.20.21**

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☒ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? ☐

Checked by: **KPG 8/20/21**

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

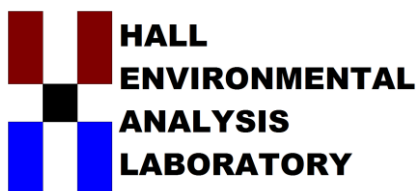
Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.9	Good	Yes			



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

December 29, 2021

Julie Best
SIMCOE
1100 Main St.
Durango, CO 81301
TEL: (505) 330-9179
FAX:

RE: GCU Com H 180

OrderNo.: 2112612

Dear Julie Best:

Hall Environmental Analysis Laboratory received 4 sample(s) on 12/9/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2112612

Date Reported: 12/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW #102

Project: GCU Com H 180

Collection Date: 12/8/2021 10:55:00 AM

Lab ID: 2112612-001

Matrix: AQUEOUS

Received Date: 12/9/2021 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JR
Benzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Toluene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Ethylbenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,2,4-Trimethylbenzene	1.6	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Naphthalene	ND	2.0		µg/L	1	12/20/2021 3:32:09 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	12/20/2021 3:32:09 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	12/20/2021 3:32:09 PM
Acetone	ND	10		µg/L	1	12/20/2021 3:32:09 PM
Bromobenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Bromodichloromethane	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Bromoform	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Bromomethane	ND	3.0		µg/L	1	12/20/2021 3:32:09 PM
2-Butanone	ND	10		µg/L	1	12/20/2021 3:32:09 PM
Carbon disulfide	ND	10		µg/L	1	12/20/2021 3:32:09 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Chlorobenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Chloroethane	ND	2.0		µg/L	1	12/20/2021 3:32:09 PM
Chloroform	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Chloromethane	ND	3.0		µg/L	1	12/20/2021 3:32:09 PM
2-Chlorotoluene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
4-Chlorotoluene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
cis-1,2-DCE	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/20/2021 3:32:09 PM
Dibromochloromethane	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Dibromomethane	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/20/2021 3:32:09 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix interference

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

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Analytical Report

Lab Order 2112612

Date Reported: 12/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW #102

Project: GCU Com H 180

Collection Date: 12/8/2021 10:55:00 AM

Lab ID: 2112612-001

Matrix: AQUEOUS

Received Date: 12/9/2021 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JR
1,1-Dichloropropene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
2-Hexanone	ND	10		µg/L	1	12/20/2021 3:32:09 PM
Isopropylbenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/20/2021 3:32:09 PM
Methylene Chloride	ND	3.0		µg/L	1	12/20/2021 3:32:09 PM
n-Butylbenzene	ND	3.0		µg/L	1	12/20/2021 3:32:09 PM
n-Propylbenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
sec-Butylbenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Styrene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
tert-Butylbenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/20/2021 3:32:09 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
trans-1,2-DCE	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/20/2021 3:32:09 PM
Vinyl chloride	ND	1.0		µg/L	1	12/20/2021 3:32:09 PM
Xylenes, Total	ND	1.5		µg/L	1	12/20/2021 3:32:09 PM
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	12/20/2021 3:32:09 PM
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	12/20/2021 3:32:09 PM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	12/20/2021 3:32:09 PM
Surr: Toluene-d8	98.5	70-130		%Rec	1	12/20/2021 3:32:09 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112612

Date Reported: 12/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW#103

Project: GCU Com H 180

Collection Date: 12/8/2021 11:00:00 AM

Lab ID: 2112612-002

Matrix: AQUEOUS

Received Date: 12/9/2021 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JR
Benzene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Toluene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Ethylbenzene	5.8	1.0		µg/L	1	12/13/2021 11:37:39 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,2,4-Trimethylbenzene	11	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Naphthalene	ND	2.0		µg/L	1	12/13/2021 11:37:39 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	12/13/2021 11:37:39 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	12/13/2021 11:37:39 PM
Acetone	ND	10		µg/L	1	12/13/2021 11:37:39 PM
Bromobenzene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Bromodichloromethane	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Bromoform	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Bromomethane	ND	3.0		µg/L	1	12/13/2021 11:37:39 PM
2-Butanone	ND	10		µg/L	1	12/13/2021 11:37:39 PM
Carbon disulfide	ND	10		µg/L	1	12/13/2021 11:37:39 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Chlorobenzene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Chloroethane	ND	2.0		µg/L	1	12/13/2021 11:37:39 PM
Chloroform	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Chloromethane	ND	3.0		µg/L	1	12/13/2021 11:37:39 PM
2-Chlorotoluene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
4-Chlorotoluene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
cis-1,2-DCE	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/13/2021 11:37:39 PM
Dibromochloromethane	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Dibromomethane	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/13/2021 11:37:39 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix interference

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

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Analytical Report

Lab Order 2112612

Date Reported: 12/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW#103

Project: GCU Com H 180

Collection Date: 12/8/2021 11:00:00 AM

Lab ID: 2112612-002

Matrix: AQUEOUS

Received Date: 12/9/2021 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JR
1,1-Dichloropropene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
2-Hexanone	ND	10		µg/L	1	12/13/2021 11:37:39 PM
Isopropylbenzene	2.8	1.0		µg/L	1	12/13/2021 11:37:39 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/13/2021 11:37:39 PM
Methylene Chloride	ND	3.0		µg/L	1	12/13/2021 11:37:39 PM
n-Butylbenzene	ND	3.0		µg/L	1	12/13/2021 11:37:39 PM
n-Propylbenzene	1.9	1.0		µg/L	1	12/13/2021 11:37:39 PM
sec-Butylbenzene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Styrene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
tert-Butylbenzene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/13/2021 11:37:39 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
trans-1,2-DCE	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/13/2021 11:37:39 PM
Vinyl chloride	ND	1.0		µg/L	1	12/13/2021 11:37:39 PM
Xylenes, Total	31	1.5		µg/L	1	12/13/2021 11:37:39 PM
Surr: 1,2-Dichloroethane-d4	94.9	70-130		%Rec	1	12/13/2021 11:37:39 PM
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	12/13/2021 11:37:39 PM
Surr: Dibromofluoromethane	93.9	70-130		%Rec	1	12/13/2021 11:37:39 PM
Surr: Toluene-d8	96.8	70-130		%Rec	1	12/13/2021 11:37:39 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix interference

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

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Analytical Report

Lab Order 2112612

Date Reported: 12/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW#104

Project: GCU Com H 180

Collection Date: 12/8/2021 10:45:00 AM

Lab ID: 2112612-003

Matrix: AQUEOUS

Received Date: 12/9/2021 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JR
Benzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Toluene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Ethylbenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Naphthalene	ND	2.0		µg/L	1	12/14/2021 12:06:05 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	12/14/2021 12:06:05 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	12/14/2021 12:06:05 AM
Acetone	ND	10		µg/L	1	12/14/2021 12:06:05 AM
Bromobenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Bromodichloromethane	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Bromoform	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Bromomethane	ND	3.0		µg/L	1	12/14/2021 12:06:05 AM
2-Butanone	ND	10		µg/L	1	12/14/2021 12:06:05 AM
Carbon disulfide	ND	10		µg/L	1	12/14/2021 12:06:05 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Chlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Chloroethane	ND	2.0		µg/L	1	12/14/2021 12:06:05 AM
Chloroform	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Chloromethane	ND	3.0		µg/L	1	12/14/2021 12:06:05 AM
2-Chlorotoluene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
4-Chlorotoluene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
cis-1,2-DCE	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/14/2021 12:06:05 AM
Dibromochloromethane	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Dibromomethane	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/14/2021 12:06:05 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix interference

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

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Analytical Report

Lab Order 2112612

Date Reported: 12/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW#104

Project: GCU Com H 180

Collection Date: 12/8/2021 10:45:00 AM

Lab ID: 2112612-003

Matrix: AQUEOUS

Received Date: 12/9/2021 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JR
1,1-Dichloropropene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
2-Hexanone	ND	10		µg/L	1	12/14/2021 12:06:05 AM
Isopropylbenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/14/2021 12:06:05 AM
Methylene Chloride	ND	3.0		µg/L	1	12/14/2021 12:06:05 AM
n-Butylbenzene	ND	3.0		µg/L	1	12/14/2021 12:06:05 AM
n-Propylbenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
sec-Butylbenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Styrene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
tert-Butylbenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/14/2021 12:06:05 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
trans-1,2-DCE	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/14/2021 12:06:05 AM
Vinyl chloride	ND	1.0		µg/L	1	12/14/2021 12:06:05 AM
Xylenes, Total	ND	1.5		µg/L	1	12/14/2021 12:06:05 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	12/14/2021 12:06:05 AM
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	12/14/2021 12:06:05 AM
Surr: Dibromofluoromethane	105	70-130		%Rec	1	12/14/2021 12:06:05 AM
Surr: Toluene-d8	100	70-130		%Rec	1	12/14/2021 12:06:05 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2112612

Date Reported: 12/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW#105

Project: GCU Com H 180

Collection Date: 12/8/2021 10:26:00 AM

Lab ID: 2112612-004

Matrix: AQUEOUS

Received Date: 12/9/2021 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JR
Benzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Toluene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Ethylbenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Naphthalene	ND	2.0		µg/L	1	12/14/2021 12:34:30 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	12/14/2021 12:34:30 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	12/14/2021 12:34:30 AM
Acetone	ND	10		µg/L	1	12/14/2021 12:34:30 AM
Bromobenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Bromodichloromethane	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Bromoform	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Bromomethane	ND	3.0		µg/L	1	12/14/2021 12:34:30 AM
2-Butanone	ND	10		µg/L	1	12/14/2021 12:34:30 AM
Carbon disulfide	ND	10		µg/L	1	12/14/2021 12:34:30 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Chlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Chloroethane	ND	2.0		µg/L	1	12/14/2021 12:34:30 AM
Chloroform	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Chloromethane	ND	3.0		µg/L	1	12/14/2021 12:34:30 AM
2-Chlorotoluene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
4-Chlorotoluene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
cis-1,2-DCE	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/14/2021 12:34:30 AM
Dibromochloromethane	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Dibromomethane	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/14/2021 12:34:30 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix interference

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

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Analytical Report

Lab Order 2112612

Date Reported: 12/29/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE

Client Sample ID: MW#105

Project: GCU Com H 180

Collection Date: 12/8/2021 10:26:00 AM

Lab ID: 2112612-004

Matrix: AQUEOUS

Received Date: 12/9/2021 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: JR
1,1-Dichloropropene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
2-Hexanone	ND	10		µg/L	1	12/14/2021 12:34:30 AM
Isopropylbenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/14/2021 12:34:30 AM
Methylene Chloride	ND	3.0		µg/L	1	12/14/2021 12:34:30 AM
n-Butylbenzene	ND	3.0		µg/L	1	12/14/2021 12:34:30 AM
n-Propylbenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
sec-Butylbenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Styrene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
tert-Butylbenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/14/2021 12:34:30 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
trans-1,2-DCE	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/14/2021 12:34:30 AM
Vinyl chloride	ND	1.0		µg/L	1	12/14/2021 12:34:30 AM
Xylenes, Total	ND	1.5		µg/L	1	12/14/2021 12:34:30 AM
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	12/14/2021 12:34:30 AM
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	12/14/2021 12:34:30 AM
Surr: Dibromofluoromethane	105	70-130		%Rec	1	12/14/2021 12:34:30 AM
Surr: Toluene-d8	97.3	70-130		%Rec	1	12/14/2021 12:34:30 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2112612

29-Dec-21

Client: SIMCOE
Project: GCU Com H 180

Sample ID: 100ng lcs	SampType: LCS				TestCode: EPA Method 8260B: VOLATILES					
Client ID: LCSW	Batch ID: R84495				RunNo: 84495					
Prep Date:	Analysis Date: 12/13/2021				SeqNo: 2969399	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	98.3	70	130			
Toluene	20	1.0	20.00	0	102	70	130			
Chlorobenzene	21	1.0	20.00	0	105	70	130			
1,1-Dichloroethene	19	1.0	20.00	0	97.1	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	94.6	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		106	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.6	70	130			
Surr: Toluene-d8	9.8		10.00		98.2	70	130			

Sample ID: mb	SampType: MBLK				TestCode: EPA Method 8260B: VOLATILES					
Client ID: PBW	Batch ID: R84495				RunNo: 84495					
Prep Date:	Analysis Date: 12/13/2021				SeqNo: 2969421	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112612

29-Dec-21

Client: SIMCOE
Project: GCU Com H 180

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: R84495			RunNo: 84495						
Prep Date:	Analysis Date: 12/13/2021			SeqNo: 2969421		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2112612

29-Dec-21

Client: SIMCOE
Project: GCU Com H 180

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R84495	RunNo: 84495								
Prep Date:	Analysis Date: 12/13/2021	SeqNo: 2969421	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.9		10.00		98.9	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		107	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.9	70	130			
Surr: Toluene-d8	9.8		10.00		98.5	70	130			

Sample ID: 100ng lcs	SampType: LCS	TestCode: EPA Method 8260B: VOLATILES								
Client ID: LCSW	Batch ID: R84664	RunNo: 84664								
Prep Date:	Analysis Date: 12/20/2021	SeqNo: 2978032	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	93.1	70	130			
Toluene	17	1.0	20.00	0	83.9	70	130			
Chlorobenzene	17	1.0	20.00	0	87.3	70	130			
1,1-Dichloroethene	18	1.0	20.00	0	88.4	70	130			
Trichloroethene (TCE)	17	1.0	20.00	0	85.3	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		96.9	70	130			
Surr: Dibromofluoromethane	10		10.00		103	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			

Sample ID: mb	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R84664	RunNo: 84664								
Prep Date:	Analysis Date: 12/20/2021	SeqNo: 2978063	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2112612

29-Dec-21

Client: SIMCOE
Project: GCU Com H 180

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: R84664			RunNo: 84664						
Prep Date:	Analysis Date: 12/20/2021			SeqNo: 2978063		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2112612

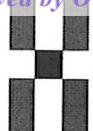
29-Dec-21

Client: SIMCOE
Project: GCU Com H 180

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8260B: VOLATILES						
Client ID: PBW	Batch ID: R84664			RunNo: 84664						
Prep Date:	Analysis Date: 12/20/2021			SeqNo: 2978063		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		107	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		97.6	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	10		10.00		99.7	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		



**HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY**

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: SIMCOE

Work Order Number: 2112612

RcptNo: 1

Received By: Tracy Casarrubias 12/9/2021 7:25:00 AM

Completed By: Tracy Casarrubias 12/9/2021 10:05:56 AM

Reviewed By: KPA 12/10/21

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☒ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: JR 12/10/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.1	Good	Yes			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 74664

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 74664
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the Groundwater Remediation Report for GCU Com H #180 1. Continue to conduct quarterly monitoring for the site. 2. Continue to submit annual reports for groundwater at the site on an annual basis, by or before April 1, 2024.	1/23/2024