



320 Gold Avenue SW, Suite 1300  
Albuquerque, NM 87102  
Telephone: 505-224-9013  
www.eaest.com

**RECEIVED**  
**By PSTB at 4:55 pm, May 02, 2022**

May 2, 2022

Mr. Corey Jarrett  
Geoscientist, Project Manager  
State of New Mexico Petroleum Storage Tank Bureau  
121 Tijeras Avenue NE, Suite 1000  
Albuquerque, NM 87102

**Pre-Injection Groundwater Monitoring Report**  
**Conoco Service Station, 3837 US Highway 64, Chama, New Mexico**  
**Release ID #: 2316 Facility ID #: 27498 Deliverable ID #: 4262-1**  
**Contract #: 22 667 3200 0007**

Dear Mr. Jarrett:

EA Engineering, Science, and Technology, Inc. PBC (EA) has prepared this report to document pre-injection groundwater monitoring at Conoco Service Station, 3837 US Highway 64, Chama New Mexico on March 31, 2022 (Figure 1). This task was performed in preparation for the injection of a controlled release oxygen amendment to reduce recalcitrant petroleum hydrocarbon contamination to below the New Mexico Quality Control Commission (NMWQCC) to facilitate a No Further Action at the site.

## **BACKGROUND**

Provided below is a summary of the site background.

- In well MW-7, a NAPL sheen was noted in April 2021. Before that, in 2016-2017, total naphthalene concentrations exceeded the NMWQCC standard of 30 micrograms per liter ( $\mu\text{g/L}$ ); concentrations ranged between 180 and 277 micrograms per liter ( $\mu\text{g/L}$ ).
- The depth to groundwater in recent years has varied between approximately 5 and 8 feet below the top of the well casing (ft btoc). Historically, the groundwater level was as high as 3.5 ft btoc.
- The groundwater flow direction is primarily to the Southwest at a gradient of approximately 0.02 foot per foot.
- In recent years, dissolved oxygen (DO) concentrations were slightly aerobic at approximately 1.0 milligrams per liter (mg/L), as estimated from the oxygen saturation of 15%, indicating that aerobic biodegradation may be supported. Oxidation-reduction potential (ORP) was slightly positive at around 50 millivolts (mV).
- Total petroleum hydrocarbons (TPH) were below the laboratory detection levels indicating low contaminant mass.
- Soil to seven (7) feet below ground surface (ft bgs) is comprised of clay with sand and gravel of slight plasticity and medium stiffness. The soil between 7 ft bgs and 12 ft bgs is

comprised of fine to coarse well-graded sand with some gravel. Large cobbles were noted between 9 ft bgs and 12.5 ft bgs.

- In MW-7, high photoionization detector (PID) readings were observed in the past at 5 ft bgs (3,480 parts per million by volume [ppmv]) and 9 ft bgs (2,470 ppmv).
- Well MW-7 extends to a depth of approximately 12.5 ft bgs, where refusal of the hollow stem auger was noted during well installation.

## COMPLETED SCOPE

On March 31, 2022, EA performed the following monitoring activities:

- EA gauges MW-6, MW-7, MW-8, MW-9, MW-11, and MW-12. Well MW-6 could not be found even with the use of a metal detector.
- Before sampling, EA purged approximately three casing volumes of stagnant groundwater from the wells MW-7, MW-8, MW-9, MW-11, and MW-12 and measured temperature, specific conductance (SpC), pH, oxidation-reduction potential (ORP), and dissolved oxygen (DO) concentrations.
- Thereafter, EA collect groundwater samples MW-7, MW-8, MW-9, MW-11, and MW-12) and submit them for volatile organic compounds (VOCs) analysis by U.S. Environmental Protection Agency (EPA) Method 8260B and for total dissolved solids (TDS) analysis in MW-8 and MW-9 by SM 2540 C.

## RESULTS

Provided below is a table summarizing groundwater level gauging and geochemical parameters obtained during the purging of the wells.

**Table 1. Summary of Field Measurements**

Well ID	Depth to Water feet TOC	Total Depth feet TOC	Well Casing Elevation feet AMSL	Ground Water Elevation feet AMSL	Temperature degrees C	Specific Conductance µS/cm	pH units	Oxidation-Reduction Potential mV	Dissolved Oxygen mg/L
MW-6	Could not find the well								
MW-7	5.88	12.16	7,779.28	7,767.12	9.23	533	6.4	698	2.33
MW-8	6.57	15.04	7,779.64	7,764.60	9.73	1,294	5.76	1,103	1.29
MW-9	5.64	13.84	7,777.49	7,763.65	9.24	830	6.17	148	2.01
MW-11	5.64	12.70	7,778.53	7,765.83	8.96	764	6.13	123	2.22
MW-12	6.43	12.96	7,780.28	7,767.32	6.75	1,874	6.39	1,205	3.63
Average	6.0	13.34	7,779.04	7,765.70	8.8	1,059	6.2	655	2.3

**Notes:**

Dissolved oxygen concentrations are from the first bailer. All other parameters are before sampling.

feet TOC      feet below top of well casing

feet AMSL      feet above mean sea level

C      Celsius

µS/cm      microSiemens per centimeter

mV      milliVolt

mg/L      milligram per liter

- The average depth to water was 6.0 feet below the top of the casing. The corresponding average groundwater elevation was 7,765.7 feet above the mean sea level.
- The groundwater flow direction was to the south-southwest at gradients varying between 0.04 and 0.09 foot per foot (Figure 2).
- The average groundwater temperature was 8.8 degrees Celsius.
- The average DO was 2.5 milligrams per liter (mg/L) and the average ORP was 655 mVs. Groundwater conditions were slightly aerobic and oxidizing.
- The average Specific Conductance (SpC) was 1,059 micro siemens per centimeter.

Provided below is a table summarizing recent groundwater analytical results.

**Table 2. Summary of Recent Laboratory Analytical Results**

Well ID	Date	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	EDC	EDB	Total Naphthalenes	Total Dissolved Solids
<i>Standard</i>		<i>5.0</i>	<i>1,000</i>	<i>700</i>	<i>620</i>	<i>100</i>	<i>5.0</i>	<i>0.05</i>	<i>30</i>	<i>1,000</i>
<i>Units</i>		<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>µg/L</i>	<i>mg/L</i>
MW-7	4/29/2019	<b>Non-Aqueous Phase Liquid Sheen</b>								
MW-7	4/22/2021	<b>Non-Aqueous Phase Liquid Sheen</b>								
MW-7	3/31/2022	<10	<20	140	210	<20	<20	<20	<b>55</b>	
MW-8	4/29/2019	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<10	
MW-8	4/22/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<10	
MW-8	3/31/2022	<2.0	<2.0	<2.0	<3.0	<2.0	<2.0	<2.0	<20	<b>754</b>
MW-9	4/29/2019	<1.0	<1.0	1.4	<1.5	<1.0	<1.0	<1.0	<10	
MW-9	4/22/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<10	
MW-9	3/31/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<10	<b>473</b>
MW-11	4/29/2019	1.2	<1.0	2.6	27	<1.0	<1.0	<1.0	8.0	
MW-11	4/22/2021	1.7	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<10	
MW-11	3/31/2022	<2.0	<2.0	<2.0	<3.0	<2.0	<2.0	<2.0	<20	
MW-12	4/29/2019	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	
MW-12	4/22/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	
MW-12	3/31/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	

Notes:

Source of previous data: May 10, 2021, Groundwater Monitoring Report, Souder, Miller, & Associates.

Empty cells indicate that analysis was not conducted

Volatile Organic Compounds were analyzed using EPA Method 8260B.

Total Dissolved Solids were analyzed using Standard Method 2540C.

< less than mg/L milligrams per liter  
 µg/L micrograms per liter MTBE methyl tertiary butyl ether  
 EDB ethylene dibromide  
 EDC ethylene dichloride

- Groundwater concentrations were compared to the concentrations stated in the New Mexico Administrative Code 20.6.2.3103 "Standards for Ground Water of 10,000 mg/L TDS Concentration or less".
- Concentrations of benzene, toluene, ethylbenzene, total xylenes, methyl-tertiary butyl ether (MTBE), ethylene dichloride, and ethylene dibromide were below the standards.
- Concentration of total naphthalenes in MW-7 was 55 µg/L, above the standard of 30 µg/L. In 2019 and 2021, a NAPL sheen was present in the well.

- The Total Dissolved Solids concentration in MW-8 was 754 mg/L and in MW-9 was 473 mg/L.

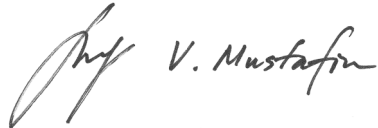
During the field event, the well vault for MW-8 was in a very poor condition and the well vault for MW-12 was missing (Appendix C).

Next, EA is planning to prepare and submit to the New Mexico Environment Department Water Quality Bureau (NMED GWQB) an Underground Injection Control General Discharge Permit (UIC DP) and prepare and submit to the NMED PSTB a Remediation Plan.

Please feel free to contact me at (505) 296-1070 or [vmustafin@eaest.com](mailto:vmustafin@eaest.com) if you have questions or comments.

Sincerely,

**EA Engineering, Science, and Technology, Inc., PBC**



Vener Mustafin, P.E.  
Project Manager/Engineer

Attachments:



Figures  
Appendix A – Field Records  
Appendix B – Laboratory Report  
Appendix C – Photos

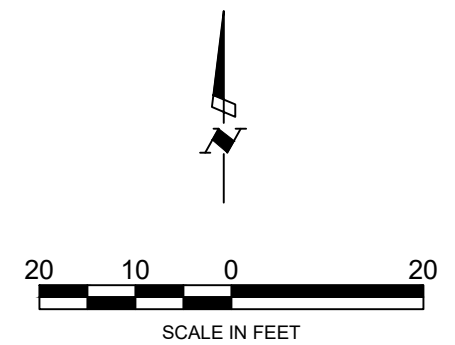
## **FIGURES**

C:\Users\vmustafin\Desktop\Corona\IPSTB State Lead\Coroco Svc Chama\Work Plan\Figures



LEGEND:

-  MONITORING WELL
-  PLUGGED MONITORING WELL



CONOCO SERVICE STATION  
 3837 US HIGHWAY 84/64, CHAMA, NM  
 CONTRACT 22 667 3200 0007

FIGURE 1  
 SITE LAYOUT

PROJECT #:	6380401	PROJECT PHASE:	01	PROJECT MANAGER:	VM
------------	---------	----------------	----	------------------	----





EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

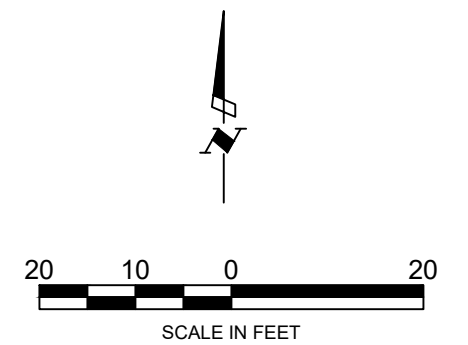
320 Gold Avenue, SW Suite 1210  
 Albuquerque, NM 87102  
 Phone: (505) 224-9013  
 Fax: (505) 224-9016

C:\Users\vmustafin\Desktop\Corona\IPSTB State Lead\Coroco Svc Chama\Work Plan\Figures



LEGEND:

-  MONITORING WELL
-  PLUGGED MONITORING WELL



CONOCO SERVICE STATION  
 3837 US HIGHWAY 84/64, CHAMA, NM  
 CONTRACT 22 667 3200 0007

FIGURE 2  
 GROUNDWATER ELEVATION CONTOURS  
 MARCH 31, 2022

PROJECT #:	6380401	PROJECT PHASE:	01	PROJECT MANAGER:	VM
------------	---------	----------------	----	------------------	----



EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

320 Gold Avenue, SW Suite 1210  
 Albuquerque, NM 87102  
 Phone: (505) 224-9013  
 Fax: (505) 224-9016

## **APPENDIX A – FIELD RECORDS**





**MONITORING WELL SAMPLING FIELD FORM**

**FLUID LEVEL DATA**

Well ID MW-6 Date gauged \_\_\_\_\_  
 Site CONOCO Service Station Time gauged \_\_\_\_\_

Depth to PSH \_\_\_\_\_ Feet Well diameter \_\_\_\_\_ Inches  
 Depth to water \_\_\_\_\_ Feet Height of fluid column \_\_\_\_\_ Feet  
 Total depth \_\_\_\_\_ Feet Volume in well \_\_\_\_\_ Gallons  
 NAPL thickness \_\_\_\_\_ Feet

(3 well volumes = \_\_\_\_\_ gallons)

After Bailing NAPL	
Depth to PSH	_____ Feet
Depth to water	_____ Feet
NAPL thickness	_____ Feet
NAPL Recovered	_____ Gallons

**GROUNDWATER SAMPLING DATA**

Time/date purged \_\_\_\_\_ Purge Method \_\_\_\_\_

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)

Actual purge volume \_\_\_\_\_ gal. Field measurements stabilized within ± 10%? \_\_\_\_\_

Time/date sampled \_\_\_\_\_ Purged/sampled by \_\_\_\_\_

Sample method \_\_\_\_\_

Requested analyses \_\_\_\_\_

Comments/observations Spent ~ 1hr looking for well with metal detector. could not find. Switched TDS to MW-9.

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft



MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID MW-7 Date gauged 3/31/22  
 Site Conoco Service Station Chama Time gauged 1030  
 Depth to PSH - Feet Well diameter 2 Inches  
 Depth to water 5.88 Feet Height of fluid column 6.98 Feet  
 Total depth 12.16 Feet Volume in well 1.19 Gallons  
 NAPL thickness - Feet  
 (3 well volumes = 3.56 gallons)

After Bailing NAPL

Depth to PSH - Feet

Depth to water AK Feet

NAPL thickness 3-31-22 Feet

NAPL Recovered - Gallons

GROUNDWATER SAMPLING DATA

Time/date purged 1033/3-31-22 Purge Method Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<del>1033</del> 1033	0.25	10.23	620	6.56	-93.7	2.33
1035	1.75	9.25	512	6.41	-71.9	1.43
1038	3.5	9.23	533	6.40	-69.8	2.54
<u>AK 3-31-22</u>						

Actual purge volume 3.75 gal. Field measurements stabilized within ± 10%? 3 well volumes  
 Time/date sampled 1040/3-31-22 Purged/sampled by Aluppa  
 Sample method Now bailer + twine  
 Requested analyses 8260  
 Comments/observations \_\_\_\_\_



MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID MW-8 Date gauged 3-31-22  
 Site CONOC Service Station Time gauged 1049  
 Depth to PSH — Feet Well diameter 2 Inches  
 Depth to water 6.57 Feet Height of fluid column 8.47 Feet  
 Total depth 15.04 Feet Volume in well 1.44 Gallons  
 NAPL thickness — Feet  
 (3 well volumes = 4.32 gallons)

After Bailing NAPL	
Depth to PSH	<u>—</u> Feet
Depth to water	<u>AN</u> Feet
NAPL thickness	<u>3-31-22</u> Feet
NAPL Recovered	<u>—</u> Gallons

GROUNDWATER SAMPLING DATA

Time/date purged 1051 / 3-31-22 Purge Method Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1051	0.25	9.89	1251	5.47	94.7	1.29
1053	2	10.00	1228	5.68	109.6	1.27
1055	4.25	9.73	1204	5.76	110.3	1.24

Actual purge volume 4.5 gal. Field measurements stabilized within ± 10%? 3 well volumes  
 Time/date sampled 1057 / 3-31-22 Purged/sampled by A Kupper  
 Sample method New barrel & device  
 Requested analyses 8200, TDS  
 Comments/observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft



MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID MW-9 Date gauged 3-31-22  
 Site Conoco service station Time gauged 1213  
 Depth to PSH - Feet Well diameter 2 Inches  
 Depth to water 5.64 Feet Height of fluid column 8.2 Feet  
 Total depth 13.84 Feet Volume in well 1.39 Gallons  
 NAPL thickness - Feet  
 (3 well volumes = 4.18 gallons)

After Bailing NAPL

Depth to PSH - Feet

Depth to water 11.0 Feet

NAPL thickness 3-31-22 Feet

NAPL Recovered - Gallons

GROUNDWATER SAMPLING DATA

Time/date purged 1215 / 3-31-22 Purge Method Hand bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1215	0.28	9.94	785	5.40	153.4	2.01
1217	2.00	9.20	834	2.99	148.4	1.87
1219	4.00	9.24	830	6.17	148.1	2.50

Actual purge volume 4.25 gal. Field measurements stabilized within ± 10%? No, 3 well volumes  
 Time/date sampled 1220 / 3-31-22 Purged/sampled by Aluppi  
 Sample method Now bailer + strike  
 Requested analyses SPC, TDS  
 Comments/observations TOOK TDS At MW-9 Instead of MW-6.

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft



MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID MW-11 Date gauged 3-31-22  
 Site Conoco services station Time gauged 1150  
 Depth to PSH 1 Feet Well diameter 2 Inches  
 Depth to water 5.64 Feet Height of fluid column 7.06 Feet  
 Total depth 12.7 Feet Volume in well 1.2 Gallons  
 NAPL thickness 1 Feet  
 (3 well volumes = 3.60 gallons)

After Bailing NAPL	
Depth to PSH	Feet
Depth to water	Feet
NAPL thickness	Feet
NAPL Recovered	Gallons

*Handwritten notes in table: 3-31-22, All*

GROUNDWATER SAMPLING DATA

Time/date purged 3-31-22 Purge Method Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1152	0.25	8.35	717	6.04	145.3	2.22
1154	1.25	8.36	748	6.12	131.3	1.79
1156	3.50	8.96	764	6.13	122.7	1.84
<i>Handwritten note: All 3-31-22</i>						

Actual purge volume 3.75 gal. Field measurements stabilized within ± 10%? No, Small volume  
 Time/date sampled 1200 / 3-31-22 Purged/sampled by Ruppel  
 Sample method Non bailer & push  
 Requested analyses 8760  
 Comments/observations \_\_\_\_\_



MONITORING WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID MW-12 Date gauged 3-31-22  
 Site CONOCO Service station Time gauged 1127  
 Depth to PSH      Feet Well diameter 2" Inches  
 Depth to water 6.43 Feet Height of fluid column 6.53 Feet  
 Total depth 12.96 Feet Volume in well 4.11 Gallons  
 NAPL thickness      Feet  
 (3 well volumes = 3.33 gallons)

After Bailing NAPL

Depth to PSH      Feet  
 Depth to water      Feet  
 NAPL thickness      Feet  
 NAPL Recovered      Gallons

GROUNDWATER SAMPLING DATA

Time/date purged 3-31-22 Purge Method Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1120	0.75	7.51	1500	6.20	132.2	3.63
1131	1.5	7.09	1877	6.38	119.8	3.09
1133	3.25	6.75	1874	6.34	120.5	3.19
AK 3-31-22						

Actual purge volume 3.5 gal. Field measurements stabilized within ± 10%? No. 3 well volumes  
 Time/date sampled 1135 / 3-31-22 Purged/sampled by AKUPPW  
 Sample method Now bailer + twine  
 Requested analyses 8260  
 Comments/observations Well has been destroyed. Pipe casing was exposed w/ no cap or lid. Put rocks around to protect

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft



*Gauging*

**MONITORING WELL SAMPLING FIELD FORM**

**FLUID LEVEL DATA**

Well ID \_\_\_\_\_ Date gauged \_\_\_\_\_

Site \_\_\_\_\_ Time gauged \_\_\_\_\_

Depth to PSH \_\_\_\_\_ Feet Well diameter \_\_\_\_\_ Inches

Depth to water \_\_\_\_\_ Feet Height of fluid column \_\_\_\_\_ Feet

Total depth \_\_\_\_\_ Feet Volume in well \_\_\_\_\_ Gallons

NAPL thickness \_\_\_\_\_ Feet

(3 well volumes = \_\_\_\_\_ gallons)

After Bailing NAPL

Depth to PSH \_\_\_\_\_ Feet

Depth to water \_\_\_\_\_ Feet

NAPL thickness \_\_\_\_\_ Feet

NAPL Recovered \_\_\_\_\_ Gallons

**GROUNDWATER SAMPLING DATA**

Time/date purged \_\_\_\_\_ Purge Method \_\_\_\_\_

*Notes*

Well	Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
MW-6		-	<i>cannot locate</i>				
MW-7		5.88					
MW-8		6.57					
MW-9		5.64					
MW-11		5.64					
MW-12		6.43					

Actual purge volume \_\_\_\_\_ gal. Field measurements stabilized within ± 10%? \_\_\_\_\_

Time/date sampled \_\_\_\_\_ Purged/sampled by \_\_\_\_\_

Sample method \_\_\_\_\_

Requested analyses \_\_\_\_\_

Comments/observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft    4" diameter = 0.66 gal/ft    6" diameter = 1.50 gal/ft

## **APPENDIX B – LABORATORY REPORT**





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

April 18, 2022

Vener Mustafin  
EA Engineering  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL: (505) 224-9013  
FAX:

RE: Conoco Service Station Chama

OrderNo.: 2204046

Dear Vener Mustafin:

Hall Environmental Analysis Laboratory received 6 sample(s) on 4/1/2022 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](http://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 white background.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

**CLIENT:** EA Engineering

**Client Sample ID:** MW-7

**Project:** Conoco Service Station Chama

**Collection Date:** 3/31/2022 10:40:00 AM

**Lab ID:** 2204046-001

**Matrix:** AQUEOUS

**Received Date:** 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: JR
Benzene	ND	10	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Toluene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Ethylbenzene	140	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Methyl tert-butyl ether (MTBE)	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,2,4-Trimethylbenzene	80	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,3,5-Trimethylbenzene	70	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,2-Dichloroethane (EDC)	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,2-Dibromoethane (EDB)	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Naphthalene	55	40	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1-Methylnaphthalene	ND	80	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
2-Methylnaphthalene	ND	80	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Acetone	ND	200	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Bromobenzene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Bromodichloromethane	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Bromoform	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Bromomethane	ND	60	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
2-Butanone	ND	200	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Carbon disulfide	ND	200	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Carbon Tetrachloride	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Chlorobenzene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Chloroethane	ND	40	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Chloroform	53	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Chloromethane	ND	60	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
2-Chlorotoluene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
4-Chlorotoluene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
cis-1,2-DCE	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
cis-1,3-Dichloropropene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,2-Dibromo-3-chloropropane	ND	40	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Dibromochloromethane	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Dibromomethane	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,2-Dichlorobenzene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,3-Dichlorobenzene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,4-Dichlorobenzene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Dichlorodifluoromethane	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,1-Dichloroethane	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,1-Dichloroethene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,2-Dichloropropane	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,3-Dichloropropane	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
2,2-Dichloropropane	ND	40	D	µg/L	20	4/8/2022 4:36:06 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

CLIENT: EA Engineering

Client Sample ID: MW-7

Project: Conoco Service Station Chama

Collection Date: 3/31/2022 10:40:00 AM

Lab ID: 2204046-001

Matrix: AQUEOUS

Received Date: 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: JR
1,1-Dichloropropene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Hexachlorobutadiene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
2-Hexanone	ND	200	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Isopropylbenzene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
4-Isopropyltoluene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
4-Methyl-2-pentanone	ND	200	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Methylene Chloride	ND	60	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
n-Butylbenzene	ND	60	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
n-Propylbenzene	38	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
sec-Butylbenzene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Styrene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
tert-Butylbenzene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,1,1,2-Tetrachloroethane	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,1,2,2-Tetrachloroethane	ND	40	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Tetrachloroethene (PCE)	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
trans-1,2-DCE	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
trans-1,3-Dichloropropene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,2,3-Trichlorobenzene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,2,4-Trichlorobenzene	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,1,1-Trichloroethane	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,1,2-Trichloroethane	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Trichloroethene (TCE)	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Trichlorofluoromethane	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
1,2,3-Trichloropropane	ND	40	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Vinyl chloride	ND	20	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Xylenes, Total	210	30	D	µg/L	20	4/8/2022 4:36:06 PM	R87130
Surr: 1,2-Dichloroethane-d4	107	70-130	D	%Rec	20	4/8/2022 4:36:06 PM	R87130
Surr: 4-Bromofluorobenzene	102	70-130	D	%Rec	20	4/8/2022 4:36:06 PM	R87130
Surr: Dibromofluoromethane	102	70-130	D	%Rec	20	4/8/2022 4:36:06 PM	R87130
Surr: Toluene-d8	101	70-130	D	%Rec	20	4/8/2022 4:36:06 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

CLIENT: EA Engineering

Client Sample ID: MW-8

Project: Conoco Service Station Chama

Collection Date: 3/31/2022 10:57:00 AM

Lab ID: 2204046-002

Matrix: AQUEOUS

Received Date: 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	754	20.0	*	mg/L	1	4/12/2022 1:46:00 PM	66703
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: <b>JR</b>
Benzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Toluene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Ethylbenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,3,5-Trimethylbenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Naphthalene	ND	4.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1-Methylnaphthalene	ND	8.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
2-Methylnaphthalene	ND	8.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Acetone	ND	20		µg/L	2	4/8/2022 5:04:37 PM	R87130
Bromobenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Bromodichloromethane	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Bromoform	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Bromomethane	ND	6.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
2-Butanone	ND	20		µg/L	2	4/8/2022 5:04:37 PM	R87130
Carbon disulfide	ND	20		µg/L	2	4/8/2022 5:04:37 PM	R87130
Carbon Tetrachloride	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Chlorobenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Chloroethane	ND	4.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Chloroform	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Chloromethane	ND	6.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
2-Chlorotoluene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
4-Chlorotoluene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
cis-1,2-DCE	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Dibromochloromethane	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Dibromomethane	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,2-Dichlorobenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,3-Dichlorobenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,4-Dichlorobenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Dichlorodifluoromethane	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,1-Dichloroethane	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,1-Dichloroethene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,2-Dichloropropane	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

CLIENT: EA Engineering

Client Sample ID: MW-8

Project: Conoco Service Station Chama

Collection Date: 3/31/2022 10:57:00 AM

Lab ID: 2204046-002

Matrix: AQUEOUS

Received Date: 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: JR
1,3-Dichloropropane	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
2,2-Dichloropropane	ND	4.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,1-Dichloropropene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Hexachlorobutadiene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
2-Hexanone	ND	20		µg/L	2	4/8/2022 5:04:37 PM	R87130
Isopropylbenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
4-Isopropyltoluene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
4-Methyl-2-pentanone	ND	20		µg/L	2	4/8/2022 5:04:37 PM	R87130
Methylene Chloride	ND	6.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
n-Butylbenzene	ND	6.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
n-Propylbenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
sec-Butylbenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Styrene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
tert-Butylbenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Tetrachloroethene (PCE)	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
trans-1,2-DCE	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
trans-1,3-Dichloropropene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,2,3-Trichlorobenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,2,4-Trichlorobenzene	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,1,1-Trichloroethane	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,1,2-Trichloroethane	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Trichloroethene (TCE)	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Trichlorofluoromethane	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
1,2,3-Trichloropropane	ND	4.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Vinyl chloride	ND	2.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Xylenes, Total	ND	3.0		µg/L	2	4/8/2022 5:04:37 PM	R87130
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	2	4/8/2022 5:04:37 PM	R87130
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	2	4/8/2022 5:04:37 PM	R87130
Surr: Dibromofluoromethane	108	70-130		%Rec	2	4/8/2022 5:04:37 PM	R87130
Surr: Toluene-d8	101	70-130		%Rec	2	4/8/2022 5:04:37 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

CLIENT: EA Engineering

Client Sample ID: MW-9

Project: Conoco Service Station Chama

Collection Date: 3/31/2022 12:20:00 PM

Lab ID: 2204046-003

Matrix: AQUEOUS

Received Date: 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	473	20.0		mg/L	1	4/12/2022 1:46:00 PM	66703
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: <b>JR</b>
Benzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Toluene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Ethylbenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Naphthalene	ND	2.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1-Methylnaphthalene	ND	4.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
2-Methylnaphthalene	ND	4.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Acetone	ND	10		µg/L	1	4/8/2022 5:33:11 PM	R87130
Bromobenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Bromodichloromethane	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Bromoform	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Bromomethane	ND	3.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
2-Butanone	ND	10		µg/L	1	4/8/2022 5:33:11 PM	R87130
Carbon disulfide	ND	10		µg/L	1	4/8/2022 5:33:11 PM	R87130
Carbon Tetrachloride	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Chlorobenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Chloroethane	ND	2.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Chloroform	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Chloromethane	ND	3.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
2-Chlorotoluene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
4-Chlorotoluene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
cis-1,2-DCE	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Dibromochloromethane	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Dibromomethane	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,1-Dichloroethane	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,1-Dichloroethene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,2-Dichloropropane	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

CLIENT: EA Engineering

Client Sample ID: MW-9

Project: Conoco Service Station Chama

Collection Date: 3/31/2022 12:20:00 PM

Lab ID: 2204046-003

Matrix: AQUEOUS

Received Date: 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: JR
1,3-Dichloropropane	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
2,2-Dichloropropane	ND	2.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,1-Dichloropropene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Hexachlorobutadiene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
2-Hexanone	ND	10		µg/L	1	4/8/2022 5:33:11 PM	R87130
Isopropylbenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
4-Isopropyltoluene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
4-Methyl-2-pentanone	ND	10		µg/L	1	4/8/2022 5:33:11 PM	R87130
Methylene Chloride	ND	3.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
n-Butylbenzene	ND	3.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
n-Propylbenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
sec-Butylbenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Styrene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
tert-Butylbenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
trans-1,2-DCE	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Trichlorofluoromethane	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Vinyl chloride	ND	1.0		µg/L	1	4/8/2022 5:33:11 PM	R87130
Xylenes, Total	ND	1.5		µg/L	1	4/8/2022 5:33:11 PM	R87130
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	4/8/2022 5:33:11 PM	R87130
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/8/2022 5:33:11 PM	R87130
Surr: Dibromofluoromethane	107	70-130		%Rec	1	4/8/2022 5:33:11 PM	R87130
Surr: Toluene-d8	101	70-130		%Rec	1	4/8/2022 5:33:11 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

CLIENT: EA Engineering

Client Sample ID: MW-11

Project: Conoco Service Station Chama

Collection Date: 3/31/2022 12:00:00 PM

Lab ID: 2204046-004

Matrix: AQUEOUS

Received Date: 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: JR
Benzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Toluene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Ethylbenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,3,5-Trimethylbenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Naphthalene	ND	4.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1-Methylnaphthalene	ND	8.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
2-Methylnaphthalene	ND	8.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Acetone	ND	20		µg/L	2	4/8/2022 6:01:38 PM	R87130
Bromobenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Bromodichloromethane	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Bromoform	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Bromomethane	ND	6.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
2-Butanone	ND	20		µg/L	2	4/8/2022 6:01:38 PM	R87130
Carbon disulfide	ND	20		µg/L	2	4/8/2022 6:01:38 PM	R87130
Carbon Tetrachloride	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Chlorobenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Chloroethane	ND	4.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Chloroform	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Chloromethane	ND	6.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
2-Chlorotoluene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
4-Chlorotoluene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
cis-1,2-DCE	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Dibromochloromethane	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Dibromomethane	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,2-Dichlorobenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,3-Dichlorobenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,4-Dichlorobenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Dichlorodifluoromethane	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,1-Dichloroethane	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,1-Dichloroethene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,2-Dichloropropane	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,3-Dichloropropane	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
2,2-Dichloropropane	ND	4.0		µg/L	2	4/8/2022 6:01:38 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

**CLIENT:** EA Engineering

**Client Sample ID:** MW-11

**Project:** Conoco Service Station Chama

**Collection Date:** 3/31/2022 12:00:00 PM

**Lab ID:** 2204046-004

**Matrix:** AQUEOUS

**Received Date:** 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: JR
1,1-Dichloropropene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Hexachlorobutadiene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
2-Hexanone	ND	20		µg/L	2	4/8/2022 6:01:38 PM	R87130
Isopropylbenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
4-Isopropyltoluene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
4-Methyl-2-pentanone	ND	20		µg/L	2	4/8/2022 6:01:38 PM	R87130
Methylene Chloride	ND	6.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
n-Butylbenzene	ND	6.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
n-Propylbenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
sec-Butylbenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Styrene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
tert-Butylbenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Tetrachloroethene (PCE)	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
trans-1,2-DCE	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
trans-1,3-Dichloropropene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,2,3-Trichlorobenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,2,4-Trichlorobenzene	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,1,1-Trichloroethane	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,1,2-Trichloroethane	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Trichloroethene (TCE)	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Trichlorofluoromethane	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
1,2,3-Trichloropropane	ND	4.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Vinyl chloride	ND	2.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Xylenes, Total	ND	3.0		µg/L	2	4/8/2022 6:01:38 PM	R87130
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	2	4/8/2022 6:01:38 PM	R87130
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	2	4/8/2022 6:01:38 PM	R87130
Surr: Dibromofluoromethane	107	70-130		%Rec	2	4/8/2022 6:01:38 PM	R87130
Surr: Toluene-d8	99.6	70-130		%Rec	2	4/8/2022 6:01:38 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

CLIENT: EA Engineering

Client Sample ID: MW-12

Project: Conoco Service Station Chama

Collection Date: 3/31/2022 11:35:00 AM

Lab ID: 2204046-005

Matrix: AQUEOUS

Received Date: 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: JR
Benzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Toluene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Ethylbenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Naphthalene	ND	2.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1-Methylnaphthalene	ND	4.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
2-Methylnaphthalene	ND	4.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Acetone	ND	10		µg/L	1	4/8/2022 6:30:02 PM	R87130
Bromobenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Bromodichloromethane	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Bromoform	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Bromomethane	ND	3.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
2-Butanone	ND	10		µg/L	1	4/8/2022 6:30:02 PM	R87130
Carbon disulfide	ND	10		µg/L	1	4/8/2022 6:30:02 PM	R87130
Carbon Tetrachloride	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Chlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Chloroethane	ND	2.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Chloroform	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Chloromethane	ND	3.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
2-Chlorotoluene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
4-Chlorotoluene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
cis-1,2-DCE	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Dibromochloromethane	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Dibromomethane	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,1-Dichloroethane	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,1-Dichloroethene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,2-Dichloropropane	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,3-Dichloropropane	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
2,2-Dichloropropane	ND	2.0		µg/L	1	4/8/2022 6:30:02 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

CLIENT: EA Engineering

Client Sample ID: MW-12

Project: Conoco Service Station Chama

Collection Date: 3/31/2022 11:35:00 AM

Lab ID: 2204046-005

Matrix: AQUEOUS

Received Date: 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: JR
1,1-Dichloropropene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Hexachlorobutadiene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
2-Hexanone	ND	10		µg/L	1	4/8/2022 6:30:02 PM	R87130
Isopropylbenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
4-Isopropyltoluene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
4-Methyl-2-pentanone	ND	10		µg/L	1	4/8/2022 6:30:02 PM	R87130
Methylene Chloride	ND	3.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
n-Butylbenzene	ND	3.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
n-Propylbenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
sec-Butylbenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Styrene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
tert-Butylbenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
trans-1,2-DCE	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Trichlorofluoromethane	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Vinyl chloride	ND	1.0		µg/L	1	4/8/2022 6:30:02 PM	R87130
Xylenes, Total	ND	1.5		µg/L	1	4/8/2022 6:30:02 PM	R87130
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	4/8/2022 6:30:02 PM	R87130
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	4/8/2022 6:30:02 PM	R87130
Surr: Dibromofluoromethane	105	70-130		%Rec	1	4/8/2022 6:30:02 PM	R87130
Surr: Toluene-d8	101	70-130		%Rec	1	4/8/2022 6:30:02 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

**CLIENT:** EA Engineering

**Client Sample ID:** Trip Blank

**Project:** Conoco Service Station Chama

**Collection Date:**

**Lab ID:** 2204046-006

**Matrix:** TRIP BLANK

**Received Date:** 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: JR
Benzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Toluene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Ethylbenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Naphthalene	ND	2.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1-Methylnaphthalene	ND	4.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
2-Methylnaphthalene	ND	4.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Acetone	ND	10		µg/L	1	4/8/2022 6:58:27 PM	R87130
Bromobenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Bromodichloromethane	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Bromoform	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Bromomethane	ND	3.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
2-Butanone	ND	10		µg/L	1	4/8/2022 6:58:27 PM	R87130
Carbon disulfide	ND	10		µg/L	1	4/8/2022 6:58:27 PM	R87130
Carbon Tetrachloride	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Chlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Chloroethane	ND	2.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Chloroform	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Chloromethane	ND	3.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
2-Chlorotoluene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
4-Chlorotoluene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
cis-1,2-DCE	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Dibromochloromethane	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Dibromomethane	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,1-Dichloroethane	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,1-Dichloroethene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,2-Dichloropropane	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,3-Dichloropropane	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
2,2-Dichloropropane	ND	2.0		µg/L	1	4/8/2022 6:58:27 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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, Inc.

Analytical Report

Lab Order 2204046

Date Reported: 4/18/2022

CLIENT: EA Engineering

Client Sample ID: Trip Blank

Project: Conoco Service Station Chama

Collection Date:

Lab ID: 2204046-006

Matrix: TRIP BLANK

Received Date: 4/1/2022 1:12:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8260B: VOLATILES</b>							Analyst: JR
1,1-Dichloropropene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Hexachlorobutadiene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
2-Hexanone	ND	10		µg/L	1	4/8/2022 6:58:27 PM	R87130
Isopropylbenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
4-Isopropyltoluene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
4-Methyl-2-pentanone	ND	10		µg/L	1	4/8/2022 6:58:27 PM	R87130
Methylene Chloride	ND	3.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
n-Butylbenzene	ND	3.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
n-Propylbenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
sec-Butylbenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Styrene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
tert-Butylbenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
trans-1,2-DCE	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Trichlorofluoromethane	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Vinyl chloride	ND	1.0		µg/L	1	4/8/2022 6:58:27 PM	R87130
Xylenes, Total	ND	1.5		µg/L	1	4/8/2022 6:58:27 PM	R87130
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	1	4/8/2022 6:58:27 PM	R87130
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	4/8/2022 6:58:27 PM	R87130
Surr: Dibromofluoromethane	109	70-130		%Rec	1	4/8/2022 6:58:27 PM	R87130
Surr: Toluene-d8	100	70-130		%Rec	1	4/8/2022 6:58:27 PM	R87130

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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#: 2204046

18-Apr-22

**Client:** EA Engineering  
**Project:** Conoco Service Station Chama

Sample ID: <b>100ng lcs</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8260B: VOLATILES</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R87130</b>	RunNo: <b>87130</b>								
Prep Date:	Analysis Date: <b>4/8/2022</b>	SeqNo: <b>3080523</b>	Units: <b>µg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	23	1.0	20.00	0	115	70	130			
Toluene	20	1.0	20.00	0	97.6	70	130			
Chlorobenzene	20	1.0	20.00	0	102	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	112	70	130			
Trichloroethene (TCE)	21	1.0	20.00	0	106	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.7	70	130			
Surr: Dibromofluoromethane	11		10.00		109	70	130			
Surr: Toluene-d8	9.9		10.00		99.1	70	130			

Sample ID: <b>mb</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8260B: VOLATILES</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R87130</b>	RunNo: <b>87130</b>								
Prep Date:	Analysis Date: <b>4/8/2022</b>	SeqNo: <b>3080547</b>	Units: <b>µg/L</b>							
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 Estimated value                                 |
| 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#: 2204046

18-Apr-22

**Client:** EA Engineering  
**Project:** Conoco Service Station Chama

Sample ID: <b>mb</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8260B: VOLATILES</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R87130</b>	RunNo: <b>87130</b>								
Prep Date:	Analysis Date: <b>4/8/2022</b>	SeqNo: <b>3080547</b>			Units: <b>µg/L</b>					
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 Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204046

18-Apr-22

**Client:** EA Engineering  
**Project:** Conoco Service Station Chama

Sample ID: <b>mb</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8260B: VOLATILES</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R87130</b>	RunNo: <b>87130</b>								
Prep Date:	Analysis Date: <b>4/8/2022</b>	SeqNo: <b>3080547</b> Units: <b>µg/L</b>								
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		106	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		97.2	70	130			
Surr: Dibromofluoromethane	11		10.00		107	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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#: 2204046

18-Apr-22

**Client:** EA Engineering  
**Project:** Conoco Service Station Chama

Sample ID: <b>MB-66703</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>66703</b>	RunNo: <b>87179</b>								
Prep Date: <b>4/7/2022</b>	Analysis Date: <b>4/12/2022</b>	SeqNo: <b>3082418</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-66703</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>66703</b>	RunNo: <b>87179</b>								
Prep Date: <b>4/7/2022</b>	Analysis Date: <b>4/12/2022</b>	SeqNo: <b>3082419</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	990	20.0	1000	0	99.0	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| 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 |   |

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2204046

RcptNo: 1

Received By: Kasandra Payan 4/1/2022 1:12:00 PM

Completed By: Sean Livingston 4/1/2022 1:37:07 PM

Reviewed By: *ju 4/1/22*

*Kasandra Payan*  
*Sean Livingston*

**Chain of Custody**

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

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° 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? Yes  No   
 (Note discrepancies on chain of custody)
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? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: \_\_\_\_\_  
 (<2 or >12 unless noted)  
 Adjusted? \_\_\_\_\_  
 Checked by: *sea 4/1/22*

**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:

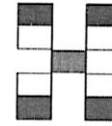
**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	-1.1	Good				

# Chain-of-Custody Record

Client: EA Engineering Science & Technology Inc PBC  
 Mailing Address: 320 Gold Ave SW  
Suite 1300 Albuquerque NM 87102  
 Phone #: 505 2961070  
 email or Fax#: VMustafin @ east.com  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  NELAC  Other  
 EDD (Type)

Turn-Around Time:  
 Standard  Rush  
 Project Name: CONOCO SERVICE Station Chamra  
 Project #: 23157  
 Project Manager: Nonor Mustafin  
 Sampler: Aaron Kupper  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CF): -0 - 0.1 = -1.1 (°C)



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

### Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
3-31-22	1040		MW-7	3x 40ml vcn	HgCl <sub>2</sub>	2204046 001								✓								
3-31-22	1057		MW-8	3x 40ml vcn 1 poly	HgCl <sub>2</sub> , None	002								✓			✓					
3-31-22	1220		MW-9	3x 40ml vcn 1 poly	HgCl <sub>2</sub> , None	003								✓			✓					
3-31-22	1200		MW-11	3x 40ml vcn	HgCl <sub>2</sub>	004								✓								
3-31-22	1135		MW-12	3x 40ml vcn	HgCl <sub>2</sub>	005								✓								
3-31-22	1040		Trip Blank			006								✓								

Date: 4-1-22 Time: 1311 Relinquished by: [Signature]  
 Received by: [Signature] Via: 000 Date: 4/1/27 Time: 1342  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_ Relinquished by: \_\_\_\_\_  
 Received by: \_\_\_\_\_ Via: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Remarks:

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.

## **APPENDIX C – PHOTOS**



MW-8 vault was in poor condition



MW-12 vault missing