SIMCOE LLC

(formerly BPX Energy Inc.)

REVIEWED

By Mike Buchanan at 2:44 pm, Jan 23, 2024

Review of the 2020 Groundwater Remediation Report fro GCU #204E: Content Satisfactory

Continue to conduct quarterly sampling until

GROUNDWATER RE eight (3) Consecutive N REPORT

quarterly samples have been demonstrated below NM WQCC 20.2.3103 of the NMAC.
2. Continue to submit annual reports by April 1, 2024.

GCU # 204E (I) SECTION 34, T28N, 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 # 204E - Blow Pit NE¹/₄ SE¹/₄, Sec. 34, T28N, R12W

Monitor Well Sampling Dates: 04/04/2021, 06/09/2021, 08/19/2021, 12/08/2021.

Pit Closure & Background:

The well site is located in San Juan County and within the Navajo Agricultural Product Industry (NAPI) area approximately 10 miles southeast of Farmington, New Mexico. An on-site earthen blow pit closure was initiated in June 2003. Groundwater impacts were first identified from sampling and analytical testing of MW #2 in November 2006. After receipt of the laboratory results, the New Mexico Oil Conservation Division (NMOCD) was notified with a letter dated March 2, 2007 of the groundwater impacts. Documentation of this work and subsequent groundwater monitoring data for the site was previously submitted to NMOCD for review. Continued sampling and testing pursuant to the previous operator's (BP America Production Company) NMOCD approved Groundwater Management Plan (GMP) was suggested in the last report submitted. Reporting herein is for groundwater site monitor well testing conducted from 2019 through 2020.

Alternative Groundwater Remediation:

In April 2019, BP America submitted an initial Remedial Action Plan requesting the deployment of an oxygen release compound (ORC) in sock form to existing site monitor wells (see supplier's specification documents on following pages). This active remediation approach to enhance the aerobic biodegradation was initially implemented in June 2019 by inserting three (3) ORC socks within MW #3, two (2) within MW #4 as well as MW #5. On March 31, 2020, five (5) ORC socks were placed within MW #3 and three (3) within MW #4 as well as MW #5. After the June 2020 sampling event, the ORC socks were removed from MW #4 and one was transferred to MW #5. As of the last sampling in December 2020, four (4) ORC socks remain in MW #5 and five (5) within MW #3.

Groundwater Monitor Well Sampling Procedures:

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 by US EPA Method 8260B. Cottonwood also collected field measurements of pH, conductivity, and temperature. Fluids generated during the monitoring well purging were discarded into the tank located on the well site. The tank contents are disposed of through approved NMOCD operational procedures for removal of produced fluids.

Water Quality and Gradient Information:

The analytical results for MW #2R (source area) between June 2013 and August 2015 have documented nine (9) consecutive sampling events below the New Mexico Water Quality Control Commission (NMWQCC) allowable concentration levels for all BTEX constituents.

Since the introduction of the ORC socks within the lateral gradient MW #3, all BTEX constituents were reported as not detected (**ND**) at the laboratory reporting limits for the last four (4) consecutive sampling events.

Since September 2012, MW #4 has shown a significant reduction in benzene, ethylbenzene, and total xylenes. Between August 2013 and August 2014 as well as from June 2017 to June 2020, MW #4 has exhibited five (5) consecutive sampling events below the NMWQCC threshold for BTEX.

MW #5 continues to have elevated benzene and total xylenes concentrations exceeding NMWQCC standards. MW #5-SH BTEX levels were mostly ND during its sampling events between September 2011 and June 2013.

A historical summary of laboratory analytical results are included within the tables on the following pages. Field data sheets, laboratory reports, and laboratory quality assurance/quality control information are also included.

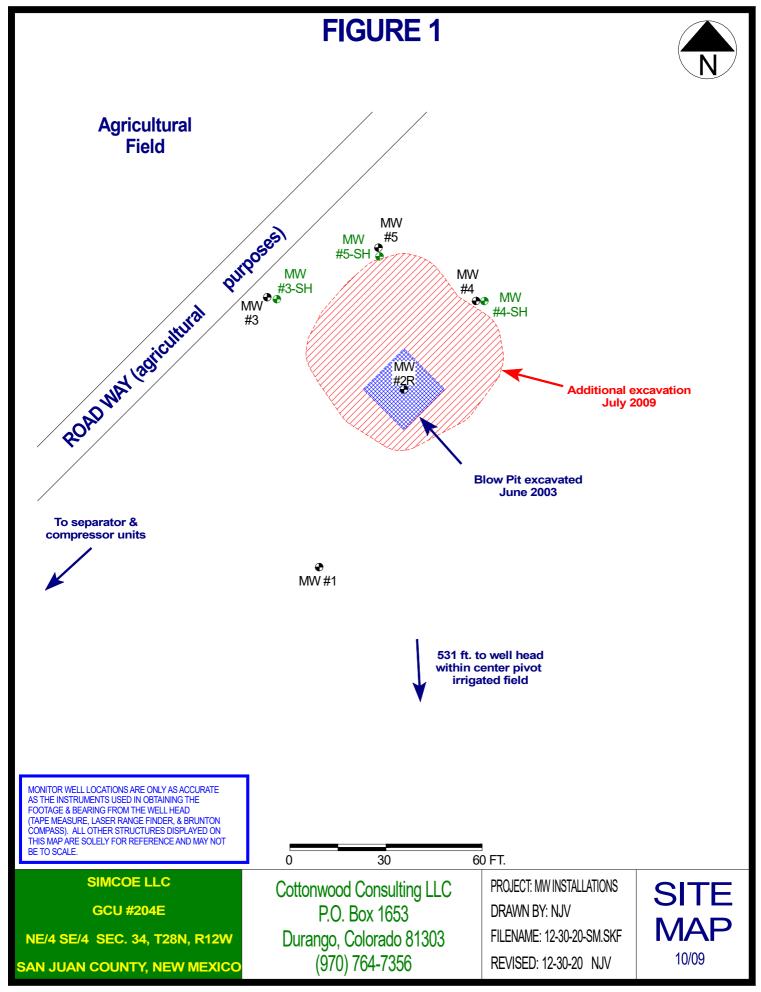
Summary and/or Recommendations:

As stated in the previously submitted report, it appears that down gradient delineation has been achieved with the installation and testing of MW #6 and MW #7. Laboratory results from the down gradient installed MW #6 and MW #7 were all below the NMWQCC standards for BTEX and regulated general chemistry constituents except nitrate. Nitrate is used primarily for agricultural fertilization and most likely did not result from any BP operations since levels within the source and immediate down gradient areas met and were well below the acceptable limits for closure. The last report also recommended to discontinue sampling of MW #2R, MW #6, and MW #7.

Based on the laboratory BTEX results, it is recommended to discontinue sampling of MW #3 and MW #4.

The presence of BTEX above NMWQCC standards in MW #5 down gradient of the source area (MW #2R) suggest a continuance of monitoring and testing on an annual basis at a minimum. This site will continue to utilize and maintain site specific sampling frequency recommendations stated within the previous operator's NMOCD approved GMP.

Benzene was elevated above the New Mexico Water Quality Control Commission (NMWQCC) standard in MW #5 during all four sampling events conducted in 2021. Total xylenes were elevated above the NMWQCC standard in MW #5 during the June 9 and August 19, 2021 sampling events. A groundwater sampling results table is included and the groundwater sampling laboratory reports from the 2021 groundwater sampling are included.



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			Well							Total
Sample ID	Sample Date	Depth to	Depth	Conductivity	pН				Ethylbenzene	Xylenes
1	1	Water (ft)	(ft)	(umhos)	(Lab)	(mg/L)	(ppb)	(ppb)	(ppb)	(ppb)
MW #1	01/30/07	18.57	27.00	1,100	7.33	584	ND	3.0	2.3	13
MW #2	11/14/06	16.69	27.50	1,400	6.80	924	1,000	3,900	1,100	9,700
MW #2	01/30/07	16.97	"	1,200	6.89	-	900	1,600	1,400	12,000
MW #2	04/25/07	16.37	"	1,000	6.78	-	790	1,200	1,100	13,000
MW #2	07/23/07	15.16	"	1,000	6.82	-	940	630	1,800	12,000
MW #2	06/26/08	14.36	"	700	7.34	-	200	410	1,700	12,000
MW #2	08/26/08	13.36	,,	800	7.27	-	160	210	1,400	11,000
MW #2	05/19/09 05/19/09	14.60		800	7.32	-	140	83	1,200	6,700
MW #2	(duplicate)	"	**	"	**	-	150	68	1,300	7,200
MW #2R	11/16/09	15.61	22.65	900	7.71	-	13	ND	240	1,900
MW #2R	02/19/10	16.05	"	1,000	7.86	-	ND	ND	150	1,300
MW #2R	05/19/10	15.88	"	1,100	7.75	-	11	1.8	220	1,800
MW #2R	10/30/10	15.55	"	1,000	7.82	-	6.3	ND	86	410
MW #2R	02/16/11	16.50	"	1,000	7.76	-	7.0	ND	58	160
MW #2R	05/21/11	17.19	"	1,100	7.91	-	15	1.2	440	1,800
MW #2R	09/15/11	16.76	"	1,500	7.76	-	9.8	ND	180	650
MW #2R	11/28/11	16.84	"	1,400	7.74	-	11	ND	260	1,000
MW #2R	02/07/12	17.60	,,	1,300	7.56	-	13	6.2	390	2,000
MW #2R	06/23/12	18.35	••	1,300	7.57	-	17	ND	460	2,400
MW #2R MW #2R	09/24/12 11/28/12	17.94 17.31	,,	1,100 1,200	7.39 7.53	-	14 12	ND ND	410 350	2,000
MW #2R MW #2R	02/26/13	17.31	"	1,200	7.29	-	12 14	ND ND	350 350	1,100
MW #2R MW #2R	06/15/13	17.39	"	800	7.58	_	11	ND	260	2,000 1,200
MW #2R	08/26/13	16.24	**	800	7.70	-	3.3	ND	21	110
MW #2R	12/09/13	15.49	"	800	7.55	-	ND	ND	ND	ND
MW #2R	02/26/14	15.82	"	1,100	6.83	-	6.9	ND	74	330
MW #2R		16.20	"	900	7.56	-	5.2	ND	24	95
MW #2R	08/22/14	15.01	"	700	7.49	-	1.2	ND	5.0	24
MW #2R	11/20/14	15.78	"	700	7.71	-	4.4	ND	3.9	23
MW #2R	02/24/15	16.57	"	800	6.98	-	4.2	ND	43	110
MW #2R	05/20/15	16.46	"	800	7.14	-	3.5	ND	91	320
MW #2R	08/24/15	15.44	"	800	7.38	-	ND	ND	6.1	16
MW #3	01/30/07	13.92	25.00	1,000	7.00	620	8.2	ND	71	120
MW #3 MW #3	04/25/07 07/23/07	11.81	,,	900 1,000	6.91 6.74	-	8.3 26	ND ND	25 90	140
MW #3	10/25/07	11.89 10.37	"	1,100	7.00	-	2.4	ND ND	90 4.7	270 11
MW #3	04/14/08	11.43	"	700	6.99	-	1,360	14	116	381
MW #3	08/26/08	9.96	"	1,200	6.99	_	520	ND	64	140
MW #3	05/19/09	12.00	**	800	7.01	_	350	170	380	700
MW #3	11/16/09	13.21	"	800	7.18	-	240	1,700	600	1,500
MW #3	02/19/10	13.44	"	800	7.36	-	96	940	480	1,100
MW #3	05/19/10	13.45	"	1,000	7.19	-	210	2,200	680	2,500
MW #3	10/30/10	12.69	"	1,000	6.95	-	350	210	340	1,100
MW #3	02/16/11	13.94	"	1,000	7.05	-	640	780	1,100	4,100
MW #3	05/21/11	17.19	"	1,100	7.13	-	260	560	790	2,900
MW #3	09/15/11	13.27	"	1,300	7.31	-	66	8.2	16	81
MW #3	11/28/11	13.84	"	1,300	7.02	-	190	79	89	780
MW #3	02/07/12	14.73	"	1,400	6.90	-	360	460	740	2,500
MW #3	06/23/12	15.47	"	1,400	6.89	-	250	94	680	3,500
MW #3	09/24/12	14.32	"	1,200	6.77	-	82	ND	64 760	360
MW #3	11/28/12	14.63	,,	1,200	6.97	-	270	18	760 700	2,400
MW #3 MW #3	02/26/13 06/15/13	14.80 14.87	"	1,400 900	6.42 6.86	-	260 280	51 240	790 690	3,600 3,100
MW #3	08/26/13	12.15	**	900	7.11	-	280 93	ND	39	640
MW #3	12/09/13	12.71	"	900	6.86	_	270	47	510	2,500
11111113			roundw	ater Standard		1,000	5	1000	700	620
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Sample ID	Sample Date	Depth to Water (ft)	Well Depth	Conductivity	pH		Benzene		Ethylbenzene	Total Xylenes
		water (II)	(ft)	(umhos)	(Lau)	(mg/L)	(ppb)	(ppb)	(ppb)	(ppb)
MW #3	02/26/14	13.22	25.00	1,200	6.68	-	200	5.1	410	1,400
MW #3	05/27/14	13.71	"	900	6.97	-	210	15	540	2,900
MW #3	08/22/14	11.37	"	700	7.32	-	ND	ND	ND	ND
MW #3	11/20/14	13.19	"	800	7.05	-	340	57	630	3,800
MW #3	02/24/15	14.02	"	900	6.80	-	370	41	830	4,100
MW #3	05/20/15	13.72	"	900	6.97	-	230	ND	520	2,100
MW #3	08/24/15	13.02	"	900	7.23	-	210	ND	570	2,300
MW #3	05/25/16	13.09	"	800	7.05	-	87	7.0	850	5,000
MW #3	06/27/17	13.20	"	800	7.37	-	590	3.6	220	1,400
MW #3	06/25/18	15.19	"	800	7.01	-	30	ND	1,100	7,500
MW #3	06/26/19	15.52	"	800	7.21	-	25	ND	370	2,300
MW #3	03/24/20	20.44	"	900	6.94	-	ND	ND	ND	ND
MW #3	06/04/20	21.43	"	900	11.94	-	ND	ND	ND	ND
MW #3	09/05/20	17.11	"	800	7.41	-	ND	ND	ND	ND
MW #3	12/21/20	20.16	"	1,000	7.31	-	ND	ND	ND	ND
MW #3-SH	09/15/11	14.15	17.50	1,400	7.34	-	57	11	380	1,600
MW #3-SH	11/28/11	14.63	"	1,300	7.21	-	110	29	550	1,800
MW #3-SH	02/07/12	15.44	"	1,500	7.16	-	160	87	760	2,500
MW #3-SH	09/24/12	15.15	"	1,100	6.96	-	70	30	110	1,900
MW #3-SH	02/26/13	15.51	"	1,200	6.71	-	140	130	940	4,100
MW #3-SH	06/15/13	15.58	"	800	7.05	-	110	ND	1,400	7,300
MW #4	11/16/09	15.66	21.94	1,600	7.10	2,010	2,200	14	140	950
MW #4	02/19/10	15.82	"	2,000	7.02	-	5,800	14	500	1,800
MW #4	05/19/10	15.78	"	2,700	6.85	-	5,200	42	470	1,500
MW #4	10/30/10	15.47	"	1,900	6.73	-	6,500	63	600	1,500
MW #4	02/16/11	16.34	"	1,700	6.76	-	6,900	ND	840	2,000
MW #4	05/21/11	17.04	,,	2,000	6.90	-	6,300	ND	880	1,900
MW #4	09/15/11	16.59	,,	2,100	6.83	-	4,900	ND	650	2,000
MW #4	11/28/11	16.59	,,	2,000	6.90	-	2,400	ND	550	1,300
MW #4	02/07/12	17.23	,,	2,300	6.78	-	2,000	ND	500	780
MW #4	06/23/12	17.98	••	2,200	6.88	-	1,400	ND	290	530
MW #4	09/24/12	16.70	,,	1,300	6.87	-	170	ND	ND	ND
MW #4	11/28/12	16.61	,,	1,400	7.21	-	410	ND	3.8	13
MW #4	02/26/13	16.73	,,	1,400	7.01	-	23	ND	ND	3.0
MW #4	06/15/13	17.02	,,	900	7.28		14	1.7	2.3	10 ND
MW #4	08/26/13	15.55	,,	1,000	7.47 7.31	-	8.0	ND	ND	ND
MW #4 MW #4	12/09/13 02/26/14	15.08 15.37	,,	900 1,200	6.86	-	2.3	ND	ND	ND
			"	1,200	7.26		9.0	ND	1.1	3.4
MW #4 MW #4	05/27/14 08/22/14	15.75 14.59	,,	700	7.20	-	1.1 1.2	ND ND	ND ND	ND ND
MW #4	11/20/14	15.09	,,	900	7.35	-				
MW #4	02/24/15	16.23	,,	1,300	6.78	-	230	ND	1.9	17
MW #4	05/20/15	16.23	"	1,100	6.98	-	33	ND ND	ND ND	3.7 ND
MW #4	08/24/15	15.68	"	1,100	7.28	_	38 1.9	ND	ND ND	ND
MW #4	05/25/16	15.51	"	1,400	6.90	_	1.9	ND	ND ND	
MW #4	06/27/17	15.61	"	1,600	7.13	-	1.4	ND ND	ND ND	ND ND
MW #4	06/25/18	17.56	"	1,300	6.83	-	3.7	ND	ND ND	1.7
MW #4	06/26/19	17.89	"	900	7.11	_	2.1	2.4	ND ND	3.6
MW #4	03/24/20	18.95	"	1,000	7.01	-	ND	ND	ND ND	ND
MW #4	06/04/20	19.41	"	800	7.95	-	6.9	ND	5.4	16
MW #4-SH	09/15/11	16.56	17.50	2,800	7.11		830	ND	ND	78
MW #4-SH	11/28/11	16.56	"	2,800	7.01	_	500	ND	ND	ND
11111 111 1111				ater Standard		1,000	5	1000	700	620
	1 414.		Junuw	acci Stanual u	0-7	1,000		1000	700	020



Sample ID	Sample Date	Depth to Water (ft)	Well Depth (ft)	Conductivity (umhos)	pH (Lab)	TDS (mg/L)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Total Xylenes (ppb)
MW #5	11/16/09	13.77	21.78	1,300	7.01	1,090	1,100	200	430	2,800
MW #5	02/19/10	13.84	"	1,900	6.99	-	790	100	370	2,600
MW #5	05/19/10	13.94	"	2,600	6.82	-	1,200	180	370	2,600
MW #5	10/30/10	13.32	"	1,300	6.88	-	380	140	450	2,200
MW #5	02/16/11	14.39	"	1,300	6.97	-	930	270	650	3,200
MW #5	05/21/11	15.06	"	1,400	7.09	-	620	110	380	1,900
MW #5	09/15/11	14.08	"	1,600	7.20	-	81	16	300	1,200
MW #5	11/28/11	14.36	"	1,500	7.16	-	110	39	240	760
MW #5	02/07/12	15.11	"	1,500	6.99	-	240	36	230	850
MW #5	06/23/12	15.98	"	1,700	6.99	-	1,200	290	580	3,200
MW #5	09/24/12	14.63	"	1,300	6.97	-	700	17	340	1,100
MW #5	11/28/12	14.85	"	1,400	7.05	-	840	36	370	1,100
MW #5	02/26/13	15.11	"	1,600	6.62	-	750	58	230	1,600
MW #5	06/15/13	15.28	"	1,100	7.03	-	480	33	150	1,200
MW #5	08/26/13	13.07	"	1,000	7.27	-	240	110	130	990
MW #5	12/09/13	13.14	"	900	7.14	-	670	48	200	1,500
MW #5	02/26/14	13.61	"	1,400	6.86	-	1,000	35	240	1,800
MW #5	05/27/14	14.11	**	1,200	7.02	-	930	43	260	2,000
MW #5	08/22/14	12.27	"	800	7.01	-	200	67	130	1,300
MW #5	11/20/14	13.79	**	900	7.17	-	77	ND	50	470
MW #5	02/24/15	14.46	"	1,200	6.89	-	420	26	160	1,000
MW #5	05/20/15	15.31	"	1,300	6.83	-	280	10	100	790
MW #5	08/24/15	13.93	"	1,100	7.19	-	170	25	110	1,000
MW #5	05/25/16	13.98	"	1,000	6.89	-	42	19	72	570
MW #5	06/27/17	13.69	"	1,100	7.26	-	28	ND	700	4,400
MW #5	06/25/18	15.81	"	1,000	7.05	-	2,100	ND	660	3,400
MW #5	06/26/19	15.97	"	900	7.26	-	720	ND	240	1,200
MW #5	03/24/20	18.60	"	1,100	7.03	-	520	ND	570	3,100
MW #5	06/04/20	17.16	"	1,100	7.03	-	85	ND	55	230
MW #5	09/05/20	16.53	"	1,000	7.02	-	970	ND	600	2,600
MW #5	12/21/20	16.62	"	1,100	7.23	-	190	ND	190	260
MW #5	03/04/21	-	"	-	-	-	79	ND	75	140
MW #5	06/09/21	-	"	-	-	-	480	ND	470	1,900
MW #5	08/19/21	16.51	"	1,607	7.56	-	290	ND	300	1,600
MW #5	12/08/21	16.99	"	1,360	7.03	-	200	ND	190	610
MW #5-SH	09/15/11	14.01	16.50	3,000	8.36	-	ND	ND	ND	ND
MW #5-SH	11/28/11	13.96	"	2,800	8.22	-	ND	ND	ND	ND
MW #5-SH	02/26/13	14.79	"	2,500	7.68	-	ND	ND	ND	ND
MW #5-SH	06/15/13	14.99	"	2,000	7.52	-	2.8	ND	ND	ND
MW #6	09/15/11	15.09	23.00	1,500	7.77	-	ND	ND	ND	ND
MW #6	11/28/11	14.98	"	1,500	7.77	-	ND	ND	ND	ND
MW #6	02/07/12	15.58	"	1,600	7.50	-	ND	ND	ND	ND
MW #6	06/23/12	16.24	,,	1,500	7.52	-	ND	ND	ND	2.4
MW #6	09/24/12	15.10	,,	1,200	7.43	-	ND	ND	ND	ND
MW #6	11/28/12	14.99		1,300	7.63	-	ND 5.2	ND	ND	ND
MW #7	03/26/12	11.23	19.22	1,500	7.19	-	5.3	ND	ND ND	ND ND
MW #7 MW #7	06/23/12 09/24/12	11.84 9.96	,,	1,400 1,200	7.41	-	2.0	ND	ND ND	ND
			"		7.37		2.1 ND	ND	ND ND	2.2 ND
MW #7	11/28/12	10.60		1,500 ater Standard	7.52	1,000	ND 5	ND 1000	ND 700	ND 620
	1N1V.	i wyce G	ounaw	ater Stanuaru	0-9	1,000	5	1000	/00	020



Sample ID	Sample Date	Depth to Water (feet)	Well Depth (feet)	Conductivity (umhos)	Temp.	рН	Fluoride (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrate- Nitrite as N (mg/L)	TDS (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzen (ug/L)	Total Xylenes (ug/L)
MW #1	05/20/15	10.47	18.00	2,400	12.3	7.07	1.9	61	960	ND	1,760	ND	ND	ND	ND
MW #2	01/28/15	10.21	18.60	NA	14.9	7.65	1.5	120	1,400	ND	2,950	ND	ND	7.9	2.8
MW #3	01/28/15	9.34	20.00	NA	15.2	7.98	1.3	65	1,000	ND	1,990	ND	ND	ND	ND
MW #4	01/28/15	8.88	18.75	NA	14.2	8.29	2.0	61	640	ND	1,760	13	ND	23	10
MW #5	02/12/15	11.47	17.52	2,500	15.6	8.11	3.5	87	650	ND	1,860	3.1	ND	4.0	ND
		N	MWQCC G	roundwater St	andard	6 - 9	1.6	250.0	600.0	10.0	1,000	5	1000	700	620

Notes:

TDS - Total Dissolved Solids

ft - feet

mg/L - milligrams per liter

umhos - microhms

ug/L - micrograms per liter

ppb - parts per billion

"-" - Indicates no data

°C - degrees Celsius

NA - Not Applicable

ND - Not Detected

N - Nitrogen

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 17, 2021

Steve Moskal SIMCOE 1100 Main St. Durango, CO 81301

TEL: (505) 330-9179

FAX:

RE: GCU 204E OrderNo.: 2103378

Dear Steve Moskal:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/6/2021 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,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order **2103378**

Hall Environmental Analysis Laboratory, Inc. Date Reported: 3/17/2021

CLIENT: SIMCOE Client Sample ID: MW 5

 Project:
 GCU 204E
 Collection Date: 3/4/2021 10:50:00 AM

 Lab ID:
 2103378-001
 Matrix: GROUNDWA
 Received Date: 3/6/2021 8:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES					Analyst	: JMR
Benzene	79	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Toluene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Ethylbenzene	75	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Methyl tert-butyl ether (MTBE)	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,2,4-Trimethylbenzene	24	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,3,5-Trimethylbenzene	4.9	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,2-Dichloroethane (EDC)	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,2-Dibromoethane (EDB)	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Naphthalene	5.9	2.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1-Methylnaphthalene	ND	4.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
2-Methylnaphthalene	ND	4.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Acetone	ND	10	μg/L	1	3/16/2021 4:38:26 PM	A75990
Bromobenzene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Bromodichloromethane	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Bromoform	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Bromomethane	ND	3.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
2-Butanone	ND	10	μg/L	1	3/16/2021 4:38:26 PM	A75990
Carbon disulfide	ND	10	μg/L	1	3/16/2021 4:38:26 PM	A75990
Carbon Tetrachloride	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Chlorobenzene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Chloroethane	ND	2.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Chloroform	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Chloromethane	ND	3.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
2-Chlorotoluene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
4-Chlorotoluene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
cis-1,2-DCE	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,2-Dibromo-3-chloropropane	ND	2.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Dibromochloromethane	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Dibromomethane	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,2-Dichlorobenzene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,3-Dichlorobenzene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,4-Dichlorobenzene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Dichlorodifluoromethane	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,1-Dichloroethane	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,1-Dichloroethene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,2-Dichloropropane	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,3-Dichloropropane	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
2,2-Dichloropropane	ND	2.0	μg/L	1	3/16/2021 4:38:26 PM	A75990

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 Quanitative 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 **2103378**Date Reported: **3/17/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE Client Sample ID: MW 5

 Project:
 GCU 204E
 Collection Date: 3/4/2021 10:50:00 AM

 Lab ID:
 2103378-001
 Matrix: GROUNDWA
 Received Date: 3/6/2021 8:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES					Analyst	JMR
1,1-Dichloropropene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Hexachlorobutadiene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
2-Hexanone	ND	10	μg/L	1	3/16/2021 4:38:26 PM	A75990
Isopropylbenzene	9.3	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
4-Isopropyltoluene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
4-Methyl-2-pentanone	ND	10	μg/L	1	3/16/2021 4:38:26 PM	A75990
Methylene Chloride	ND	3.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
n-Butylbenzene	ND	3.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
n-Propylbenzene	7.0	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
sec-Butylbenzene	1.1	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Styrene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
tert-Butylbenzene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,1,1,2-Tetrachloroethane	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,1,2,2-Tetrachloroethane	ND	2.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Tetrachloroethene (PCE)	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
trans-1,2-DCE	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
trans-1,3-Dichloropropene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,1,1-Trichloroethane	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,1,2-Trichloroethane	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Trichloroethene (TCE)	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Trichlorofluoromethane	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
1,2,3-Trichloropropane	ND	2.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Vinyl chloride	ND	1.0	μg/L	1	3/16/2021 4:38:26 PM	A75990
Xylenes, Total	140	1.5	μg/L	1	3/16/2021 4:38:26 PM	A75990
Surr: 1,2-Dichloroethane-d4	87.6	70-130	%Rec	1	3/16/2021 4:38:26 PM	A75990
Surr: 4-Bromofluorobenzene	93.5	70-130	%Rec	1	3/16/2021 4:38:26 PM	A75990
Surr: Dibromofluoromethane	90.2	70-130	%Rec	1	3/16/2021 4:38:26 PM	A75990
Surr: Toluene-d8	102	70-130	%Rec	1	3/16/2021 4:38:26 PM	A75990

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 Quanitative 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, Inc.

WO#: **2103378**

17-Mar-21

Client: SIMCOE
Project: GCU 204E

Sample ID: 100ng Ics	SampT	ype: LC	s	Tes	tCode: EF	ATILES				
Client ID: LCSW	Batch	n ID: A7	5948	R	RunNo: 7	5948				
Prep Date:	Analysis D	ate: 3/	15/2021	S	SeqNo: 20	687603	Units: %Red			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.6		10.00		95.7	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.3	70	130			
Surr: Dibromofluoromethane	8.8		10.00		88.3	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID: vsb fridge	SampT	BLK	Tes	tCode: El	ATILES					
Client ID: PBW	5948	F	RunNo: 7	5948						
Prep Date:	Analysis D	ate: 3/	15/2021	8	SeqNo: 20	687604	Units: %Rec	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	8.5		10.00		84.6	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.7	70	130			
Surr: Dibromofluoromethane	9.5		10.00		94.5	70	130			
Surr: Toluene-d8	10		10.00		104	70	130			

Sample ID: 100ng Ics	Sampl	ype: LC	S	les	tCode: El	PA Method	ATILES				
Client ID: LCSW	Batch	n ID: A7	5990	F	RunNo: 7	5990					
Prep Date:	Analysis D	Date: 3/	16/2021	5	SeqNo: 20	689481	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	18	1.0	20.00	0	88.4	70	130				
Toluene	19	1.0	20.00	0	93.5	70	130				
Chlorobenzene	19	1.0	20.00	0	95.3	70	130				
1,1-Dichloroethene	16	1.0	20.00	0	80.4	70	130				
Trichloroethene (TCE)	15	1.0	20.00	0	77.4	70	130				
Surr: 1,2-Dichloroethane-d4	9.5		10.00		94.9	70	130				
Surr: 4-Bromofluorobenzene	9.3		10.00		92.6	70	130				
Surr: Dibromofluoromethane	9.2		10.00		91.8	70	130				
Surr: Toluene-d8	10		10.00		102	70	130				

Sample ID: mb1	SampT	уре: МЕ	BLK	Tes	tCode: El	ATILES				
Client ID: PBW	Batch	ID: A7	5990	R	unNo: 7	5990				
Prep Date:	Analysis D	ate: 3/	16/2021	S	eqNo: 20	689482	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								

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 Quanitative 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, Inc.

WO#: 2103378 17-Mar-21

Client: SIMCOE GCU 204E **Project:**

Sample ID: mb1

Client ID: PBW Batch ID: A75990 RunNo: 75990

TestCode: EPA Method 8260B: VOLATILES

SampType: MBLK

Analyte	Result ND	PQL	CDKl							
40.5.7	ND		SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene		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								
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								

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2103378**

17-Mar-21

Client: SIMCOE
Project: GCU 204E

Sample ID: mb1	SampT	Гуре: МЕ	LK	Tes	tCode: EF	PA Method	8260B: VOL	ATILES		·
Client ID: PBW	Batcl	h ID: A7 :	5990	R	RunNo: 7	5990				
Prep Date:	Analysis D	Date: 3/	16/2021	S	SeqNo: 26	89482	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.6		10.00		95.8	70	130			
Surr: 4-Bromofluorobenzene	9.4		10.00		93.8	70	130			
Surr: Dibromofluoromethane	9.2		10.00		92.4	70	130			
Surr: Toluene-d8	10		10.00		105	70	130			

Sample ID: 100ng lcs2	SampT	ype: LC	s	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: LCSW	Batch	1D: B7	5990	F	RunNo: 7	5990				
Prep Date:	Analysis D	ate: 3/	17/2021	8	SeqNo: 20	689483	Units: %Rec	:		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.8	•	10.00		98.1	70	130			•
Surr: 4-Bromofluorobenzene	9.8		10.00		97.6	70	130			
Surr: Dibromofluoromethane	9.4		10.00		93.5	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 Quanitative 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 5 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#: **2103378**

17-Mar-21

Client: SIMCOE
Project: GCU 204E

Sample ID: mb2 SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: **B75990** RunNo: 75990 Prep Date: Analysis Date: 3/17/2021 SeqNo: 2689484 Units: %Rec Analyte Result SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Surr: 1.2-Dichloroethane-d4 99.9 70 10 10.00 130 Surr: 4-Bromofluorobenzene 9.7 10.00 96.9 70 130 70 Surr: Dibromofluoromethane 9.4 10.00 93.8 130 Surr: Toluene-d8 10 70 10.00 130

Sample ID: 2103431-005a ms SampType: MS TestCode: EPA Method 8260B: VOLATILES Client ID: BatchQC Batch ID: **B75990** RunNo: 75990 Prep Date: Analysis Date: 3/17/2021 SeqNo: 2689503 Units: %Rec Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte Qual 85.0 70 Surr: 1,2-Dichloroethane-d4 8.5 10.00 130 Surr: 4-Bromofluorobenzene 9.4 10.00 94.1 70 130 86.0 70 8.6 10.00 130 Surr: Dibromofluoromethane Surr: Toluene-d8 10 10.00 100 70 130

Sample ID: 2103431-005a msd TestCode: EPA Method 8260B: VOLATILES SampType: MSD Client ID: **BatchQC** Batch ID: **B75990** RunNo: 75990 Prep Date: Analysis Date: 3/17/2021 SeqNo: 2689504 Units: %Rec **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Analyte Result LowLimit Surr: 1,2-Dichloroethane-d4 9.9 10.00 99.3 70 130 0 0 Surr: 4-Bromofluorobenzene 10.00 99.2 70 130 0 0 99 Surr: Dibromofluoromethane 8.5 10.00 84.7 70 130 0 Surr: Toluene-d8 9.7 10.00 97 1 70 130 n 0

Sample ID: 2103558-001ams SampType: MS TestCode: EPA Method 8260B: VOLATILES Client ID: **BatchQC** Batch ID: A75990 RunNo: 75990 Prep Date: Analysis Date: 3/16/2021 SeqNo: 2689507 Units: µq/L SPK value **RPDLimit** SPK Ref Val %REC HighLimit %RPD POI LowLimit Qual Analyte Result Benzene 110 5.0 100.0 21.61 91.5 70 130 Toluene 100.0 35.91 90.6 70 130 130 5.0 Chlorobenzene 94 5.0 100.0 0 94.4 70 130 80.8 70 1,1-Dichloroethene 81 5.0 100.0 0 130 77 77.2 Trichloroethene (TCE) 5.0 100.0 70 130 Surr: 1,2-Dichloroethane-d4 50.00 89.8 70 45 130 Surr: 4-Bromofluorobenzene 49 50.00 98.4 70 130 Surr: Dibromofluoromethane 46 50.00 91.2 70 130 Surr: Toluene-d8 50 50.00 99.7 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 Quanitative 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, Inc.

WO#: **2103378** *17-Mar-21*

Client: SIMCOE
Project: GCU 204E

Sample ID: 2103558-001amsd	SampT	SampType: MSD TestCode: EPA Method 8260B: VOLATILES									
Client ID: BatchQC	Batcl	h ID: A7	5990	F	RunNo: 7	5990					
Prep Date:	Analysis D	Date: 3/	16/2021	5	SeqNo: 20	89508	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	110	5.0	100.0	21.61	92.4	70	130	0.822	20		
Toluene	130	5.0	100.0	35.91	91.4	70	130	0.622	20		
Chlorobenzene	92	5.0	100.0	0	92.0	70	130	2.50	20		
1,1-Dichloroethene	81	5.0	100.0	0	80.6	70	130	0.245	20		
Trichloroethene (TCE)	78	5.0	100.0	0	77.6	70	130	0.459	20		
Surr: 1,2-Dichloroethane-d4	49		50.00		99.0	70	130	0	0		
Surr: 4-Bromofluorobenzene	47		50.00		94.0	70	130	0	0		
Surr: Dibromofluoromethane	47		50.00		94.1	70	130	0	0		
Surr: Toluene-d8	50		50.00		99.4	70	130	0	0		

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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 7 of 7



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 Num	ber: 210	3378			RcptNo	1
Received By:	Juan Roja	s	3/6/202	1 8:55:00 A	М		Hear	En J		
Completed By:	Desiree D			1 8:20:04 A			Juan			
Reviewed By:	JR 3						11	3		
Chain of Cus	<u>tody</u>									
1. Is Chain of Cu	ustody compl	ete?			Yes	✓	No		Not Present	
2. How was the	sample deliv	ered?			Cou	rier				
Log In										
3. Was an attem	pt made to c	ool the sample	es?		Yes	V	No		NA 🗌	
4. Were all samp	oles received	at a temperat	ure of >0° C t	o 6.0°C	Yes	V	No		na 🗆	
5. Sample(s) in p	oroper contai	ner(s)?			Yes	V	No			
6. Sufficient sam	ple volume fo	or indicated te	st(s)?		Yes	v	No			
7. Are samples (except VOA	and ONG) pro	perly preserve	d?	Yes	✓	No			
8. Was preservat	tive added to	bottles?			Yes		No	V	NA 🗆	
9. Received at le	ast 1 vial with	n headspace <	<1/4" for AQ V	OA?	Yes	✓	No		NA 🗌	
10. Were any san	nple containe	rs received br	oken?		Yes		No	✓ 、	·	70
						_			# of preserved bottles checked	3/8/2
Does paperwo (Note discrepa					Yes	V	No	Ш	for pH:	>12 unless noted)
12. Are matrices of					Yes	V	No		Adjusted?	annoso notos,
13. Is it clear what	analyses we	re requested?	,		Yes	V	No			
14. Were all holdir (If no, notify cu					Yes	✓	No		Checked by:	
Special Handli 15. Was client no			vith this order?		Yes		No		NA 🗹	
Person	Notified:		THE NAME AND ADDRESS OF THE PARTY OF THE PAR	Date	Processor of the Parket	-		and the same of th		
By Who	,			Via:	eM	ail 🗀	Phone	Fax	☐ In Person	
Regardi		MANUAL TRANSPORT OF THE PERSON	WOODS CALLED AND AND AND AND AND AND AND AND AND AN] Thone [j i ux		
	structions:	An ericki a a tracente e atomore abrico e ato		NATIONAL PROPERTY OF THE PARTY	WATER BUILDING BO			on the second second		
16. Additional rer	marks:									
17. Cooler Infor	mation									
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal D	ate	Signed	Ву		
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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

June 22, 2021

Steve Moskal SIMCOE 1100 Main St. Durango, CO 81301

TEL: (505) 330-9179

FAX:

RE: Gallegos Canyon Unit 204E OrderNo.: 2106554

Dear Steve Moskal:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/10/2021 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,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2106554

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE Client Sample ID: MW-5

 Project:
 Gallegos Canyon Unit 204E
 Collection Date: 6/9/2021 3:30:00 PM

 Lab ID:
 2106554-001
 Matrix: GROUNDWA
 Received Date: 6/10/2021 7:05:00 AM

Analyses	Result	RL Qua	l Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES					Analyst: JMR
Benzene	480	10	μg/L	10	6/16/2021 3:54:52 PM
Toluene	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
Ethylbenzene	470	10	μg/L	10	6/16/2021 3:54:52 PM
Methyl tert-butyl ether (MTBE)	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
1,2,4-Trimethylbenzene	220	10	μg/L	10	6/16/2021 3:54:52 PM
1,3,5-Trimethylbenzene	70	1.0	μg/L	1	6/15/2021 9:55:27 PM
1,2-Dichloroethane (EDC)	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
1,2-Dibromoethane (EDB)	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
Naphthalene	56	2.0	μg/L	1	6/15/2021 9:55:27 PM
1-Methylnaphthalene	22	4.0	μg/L	1	6/15/2021 9:55:27 PM
2-Methylnaphthalene	25	4.0	μg/L	1	6/15/2021 9:55:27 PM
Acetone	ND	10	μg/L	1	6/15/2021 9:55:27 PM
Bromobenzene	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
Bromodichloromethane	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
Bromoform	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
Bromomethane	ND	3.0	μg/L	1	6/15/2021 9:55:27 PM
2-Butanone	ND	10	μg/L	1	6/15/2021 9:55:27 PM
Carbon disulfide	ND	10	μg/L	1	6/15/2021 9:55:27 PM
Carbon Tetrachloride	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
Chlorobenzene	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
Chloroethane	ND	2.0	μg/L	1	6/15/2021 9:55:27 PM
Chloroform	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
Chloromethane	ND	3.0	μg/L	1	6/15/2021 9:55:27 PM
2-Chlorotoluene	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
4-Chlorotoluene	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
cis-1,2-DCE	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
1,2-Dibromo-3-chloropropane	ND	2.0	μg/L	1	6/15/2021 9:55:27 PM
Dibromochloromethane	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
Dibromomethane	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
1,2-Dichlorobenzene	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
1,3-Dichlorobenzene	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
1,4-Dichlorobenzene	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
Dichlorodifluoromethane	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
1,1-Dichloroethane	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
1,1-Dichloroethene	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
1,2-Dichloropropane	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
1,3-Dichloropropane	ND	1.0	μg/L	1	6/15/2021 9:55:27 PM
2,2-Dichloropropane	ND	2.0	μg/L	1	6/15/2021 9:55:27 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 Quanitative 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 5

Analytical Report Lab Order 2106554

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE Client Sample ID: MW-5

 Project:
 Gallegos Canyon Unit 204E
 Collection Date: 6/9/2021 3:30:00 PM

 Lab ID:
 2106554-001
 Matrix: GROUNDWA
 Received Date: 6/10/2021 7:05:00 AM

Result **RL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8260B: VOLATILES** Analyst: JMR 1.1-Dichloropropene ND 1.0 μg/L 1 6/15/2021 9:55:27 PM Hexachlorobutadiene ND 1.0 μg/L 1 6/15/2021 9:55:27 PM ND 6/15/2021 9:55:27 PM 2-Hexanone 10 μg/L 1 Isopropylbenzene 39 1.0 µg/L 1 6/15/2021 9:55:27 PM 4-Isopropyltoluene 2.3 1.0 μg/L 1 6/15/2021 9:55:27 PM 4-Methyl-2-pentanone ND 10 μg/L 1 6/15/2021 9:55:27 PM Methylene Chloride ND 3.0 μg/L 1 6/15/2021 9:55:27 PM n-Butylbenzene ND 6/15/2021 9:55:27 PM 3.0 μg/L 1 37 n-Propylbenzene 1 6/15/2021 9:55:27 PM 1.0 μg/L sec-Butylbenzene 4.0 1.0 μg/L 1 6/15/2021 9:55:27 PM Styrene ND 1.0 μg/L 1 6/15/2021 9:55:27 PM tert-Butylbenzene 1.4 1.0 μg/L 1 6/15/2021 9:55:27 PM 1,1,1,2-Tetrachloroethane ND 1.0 μg/L 1 6/15/2021 9:55:27 PM 1,1,2,2-Tetrachloroethane ND 6/15/2021 9:55:27 PM 2.0 μg/L 1 Tetrachloroethene (PCE) ND 1.0 μg/L 1 6/15/2021 9:55:27 PM trans-1.2-DCE ND 1.0 μg/L 1 6/15/2021 9:55:27 PM trans-1,3-Dichloropropene ND 1.0 μg/L 1 6/15/2021 9:55:27 PM 1,2,3-Trichlorobenzene ND 1 6/15/2021 9:55:27 PM 1.0 μg/L 1,2,4-Trichlorobenzene ND 1.0 μg/L 1 6/15/2021 9:55:27 PM 1,1,1-Trichloroethane ND 1.0 μg/L 1 6/15/2021 9:55:27 PM 1,1,2-Trichloroethane ND 1.0 µg/L 1 6/15/2021 9:55:27 PM Trichloroethene (TCE) ND 1.0 µg/L 1 6/15/2021 9:55:27 PM Trichlorofluoromethane ND 1.0 µg/L 1 6/15/2021 9:55:27 PM 1,2,3-Trichloropropane ND 2.0 µg/L 1 6/15/2021 9:55:27 PM 6/15/2021 9:55:27 PM Vinyl chloride ND 1.0 μg/L 1 Xylenes, Total 1900 30 µg/L 20 6/17/2021 4:04:57 PM Surr: 1,2-Dichloroethane-d4 70-130 %Rec 6/15/2021 9:55:27 PM 111 1 Surr: 4-Bromofluorobenzene 95.7 70-130 %Rec 1 6/15/2021 9:55:27 PM Surr: Dibromofluoromethane %Rec 6/15/2021 9:55:27 PM 104 70-130 1 Surr: Toluene-d8 91.9 70-130 %Rec 1 6/15/2021 9:55:27 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 Quanitative 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 5

Hall Environmental Analysis Laboratory, Inc.

SampType: MBLK

WO#: **2106554**

22-Jun-21

Client: SIMCOE

Sample ID: mb

Project: Gallegos Canyon Unit 204E

Sample ID: 100ng lcs	SampT	ype: LC	S	Tes	tCode: E	PA Method	8260B: VOL	ATILES		•				
Client ID: LCSW	Batch	1D: A7	9107	F	RunNo: 7 9	No: 79107								
Prep Date:	Analysis D	ate: 6/	15/2021	S	SeqNo: 27	776718	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Toluene	21	1.0	20.00	0	106	70	130							
Chlorobenzene	20	1.0	20.00	0	101	70	130							
1,1-Dichloroethene	22	1.0	20.00	0	112	70	130							
Trichloroethene (TCE)	21	1.0	20.00	0	107	70	130							
Surr: 1,2-Dichloroethane-d4	9.7		10.00		96.7	70	130							
Surr: 4-Bromofluorobenzene	9.9		10.00		99.0	70	130							
Surr: Dibromofluoromethane	10		10.00		102	70	130							
Surr: Toluene-d8	10		10.00		100	70	130							

TestCode: EPA Method 8260B: VOLATILES

Client ID: PBW	Batcl	n ID: A7	9107	RunNo: 79107						
Prep Date:	Analysis D	Date: 6/	15/2021	\$	SeqNo: 2	776719	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Toluene	ND	1.0								
Methyl tert-butyl ether (MTBE)	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								
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								

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 Quanitative 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 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106554 22-Jun-21**

Client: SIMCOE

Project: Gallegos Canyon Unit 204E

Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES

Client ID: PBW Batch ID: A79107 RunNo: 79107

Prop Date: Applyoic Pote: 6/45/2024 SeeNe: 2776740 Libits: 177/4

Olichi IB. 1 BW	Datoi	Baton B. Aloro			ranto. 19101								
Prep Date:	Analysis Date: 6/15/2021		S	SeqNo: 27	776719	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
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											
Vinyl chloride	ND	1.0											
Surr: 1,2-Dichloroethane-d4	11		10.00		107	70	130						
Surr: 4-Bromofluorobenzene	9.3		10.00		92.6	70	130						
Surr: Dibromofluoromethane	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 Quanitative 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 4 of 5

Hall Environmental Analysis Laboratory, Inc.

10

2106554 22-Jun-21

WO#:

Client: SIMCOE

Project: Gallegos Canyon Unit 204E

Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES

10.00

Client ID: PBW Batch ID: A79107 RunNo: 79107

Prep Date: Analysis Date: 6/15/2021 SeqNo: 2776719 Units: μg/L

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

70

130

102

Surr: Toluene-d8

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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

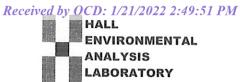
E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 5 of 5



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: 2106554		RcptNo: 1	
Received By: Juan Rojas	6/10/2021 7:05	5:00 AM	Hoursay		
Completed By: Cheyenne C	Cason 6/10/2021 8:21	:17 AM	(lend		
Reviewed By: JP 6/	10/2/		Commen		
Chain of Custody					
1. Is Chain of Custody complet	te?	Yes 🗸	No 🗌	Not Present	
2. How was the sample deliver	red?	Courier			
Log In 3. Was an attempt made to coo	ol the samples?	Yes 🗸	No 🗆	NA 🗆	
4. Were all samples received a	t a temperature of >0° C to 6.0°C	Yes 🗸	No 🗌	NA 🗆	
5. Sample(s) in proper contained	er(s)?	Yes 🗸	No 🗌		
6. Sufficient sample volume for	indicated test(s)?	Yes 🗸	No 🗌		
7. Are samples (except VOA and	nd ONG) properly preserved?	Yes 🗸	No 🗌		
8. Was preservative added to b	ottles?	Yes	No 🗸	NA 🗆	
9. Received at least 1 vial with h	headspace <1/4" for AQ VOA?	Yes 🗸	No 🗌	NA 🗌	
10. Were any sample containers	received broken?	Yes	No 🗸	# of processed	
11. Does paperwork match bottle (Note discrepancies on chain		Yes 🗸	No 🗆	# of preserved bottles checked for pH: (<2.or>12	unless noted)
12. Are matrices correctly identifi	T-0.	Yes 🗸	No 🗌	Adjusted?	,
13. Is it clear what analyses were	e requested?	Yes 🗸	No 🗌		
 Were all holding times able to (If no, notify customer for aut) 		Yes 🗸	No 🗌	Checked by: KPC	16/10/21
Special Handling (if appli	S2000 3 500 9 660 7 600 10 500 10 50 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6				
15. Was client notified of all disc		Yes	No 🗌	NA 🗹	
Person Notified:	THE RESIDENCE OF THE CONTRACTOR OF THE PROPERTY OF THE PROPERT	Date:	The supplemental and the suppl		
By Whom:		/ia: eMail F	hone Fax	☐ In Person	
Regarding:	AND		ATTERNET LITTLES AND THE THE PROPERTY OF THE STREET	AND ADDRESS OF THE PARTY OF THE	
Client Instructions:	AND THE PROPERTY OF THE PROPER			ENGINE PERSONAL PROPERTY OF THE PROPERTY OF TH	
16. Additional remarks:					
	Condition Seal Intact Seal I	No Seal Date	Signed By		

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Chain-of-Custody Record	W		SS:	NO	in the second	3	.: .:			_									+	+	+			40	ž ,	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories.
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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

August 30, 2021

Steve Moskal SIMCOE 1100 Main St. Durango, CO 81301

TEL: (505) 330-9179

FAX

RE: GCU 204E OrderNo.: 2108B47

Dear Steve Moskal:

Hall Environmental Analysis Laboratory received 1 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,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2108B47

Date Reported: 8/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE Client Sample ID: MW #5

 Project:
 GCU 204E
 Collection Date: 8/19/2021 10:21:00 AM

 Lab ID:
 2108B47-001
 Matrix: AQUEOUS
 Received Date: 8/20/2021 7:00:00 AM

Analyses	Result	RL Qua	al Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES					Analyst: CCM
Benzene	290	20	μg/L	20	8/27/2021 1:37:00 PM
Toluene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Ethylbenzene	300	20	μg/L	20	8/27/2021 1:37:00 PM
Methyl tert-butyl ether (MTBE)	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,2,4-Trimethylbenzene	190	20	μg/L	20	8/27/2021 1:37:00 PM
1,3,5-Trimethylbenzene	110	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,2-Dichloroethane (EDC)	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,2-Dibromoethane (EDB)	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Naphthalene	92	4.0	μg/L	2	8/26/2021 4:54:00 PM
1-Methylnaphthalene	28	8.0	μg/L	2	8/26/2021 4:54:00 PM
2-Methylnaphthalene	35	8.0	μg/L	2	8/26/2021 4:54:00 PM
Acetone	ND	20	μg/L	2	8/26/2021 4:54:00 PM
Bromobenzene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Bromodichloromethane	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Bromoform	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Bromomethane	ND	6.0	μg/L	2	8/26/2021 4:54:00 PM
2-Butanone	ND	20	μg/L	2	8/26/2021 4:54:00 PM
Carbon disulfide	ND	20	μg/L	2	8/26/2021 4:54:00 PM
Carbon Tetrachloride	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Chlorobenzene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Chloroethane	ND	4.0	μg/L	2	8/26/2021 4:54:00 PM
Chloroform	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Chloromethane	ND	6.0	μg/L	2	8/26/2021 4:54:00 PM
2-Chlorotoluene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
4-Chlorotoluene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
cis-1,2-DCE	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
cis-1,3-Dichloropropene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,2-Dibromo-3-chloropropane	ND	4.0	μg/L	2	8/26/2021 4:54:00 PM
Dibromochloromethane	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Dibromomethane	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,2-Dichlorobenzene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,3-Dichlorobenzene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,4-Dichlorobenzene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Dichlorodifluoromethane	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,1-Dichloroethane	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,1-Dichloroethene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,2-Dichloropropane	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,3-Dichloropropane	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
2,2-Dichloropropane	ND	4.0	μg/L	2	8/26/2021 4:54:00 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 Quanitative 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 5

Analytical Report

Lab Order **2108B47**Date Reported: **8/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE Client Sample ID: MW #5

 Project:
 GCU 204E
 Collection Date: 8/19/2021 10:21:00 AM

 Lab ID:
 2108B47-001
 Matrix: AQUEOUS
 Received Date: 8/20/2021 7:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES					Analyst: CCM
1,1-Dichloropropene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Hexachlorobutadiene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
2-Hexanone	ND	20	μg/L	2	8/26/2021 4:54:00 PM
Isopropylbenzene	33	2.0	μg/L	2	8/26/2021 4:54:00 PM
4-Isopropyltoluene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
4-Methyl-2-pentanone	ND	20	μg/L	2	8/26/2021 4:54:00 PM
Methylene Chloride	ND	6.0	μg/L	2	8/26/2021 4:54:00 PM
n-Butylbenzene	ND	6.0	μg/L	2	8/26/2021 4:54:00 PM
n-Propylbenzene	34	2.0	μg/L	2	8/26/2021 4:54:00 PM
sec-Butylbenzene	2.9	2.0	μg/L	2	8/26/2021 4:54:00 PM
Styrene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
tert-Butylbenzene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,1,2,2-Tetrachloroethane	ND	4.0	μg/L	2	8/26/2021 4:54:00 PM
Tetrachloroethene (PCE)	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
trans-1,2-DCE	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
trans-1,3-Dichloropropene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,2,3-Trichlorobenzene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,2,4-Trichlorobenzene	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,1,1-Trichloroethane	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,1,2-Trichloroethane	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Trichloroethene (TCE)	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Trichlorofluoromethane	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
1,2,3-Trichloropropane	ND	4.0	μg/L	2	8/26/2021 4:54:00 PM
Vinyl chloride	ND	2.0	μg/L	2	8/26/2021 4:54:00 PM
Xylenes, Total	1600	30	μg/L	20	8/27/2021 1:37:00 PM
Surr: 1,2-Dichloroethane-d4	78.3	70-130	%Rec	2	8/26/2021 4:54:00 PM
Surr: 4-Bromofluorobenzene	97.0	70-130	%Rec	2	8/26/2021 4:54:00 PM
Surr: Dibromofluoromethane	80.7	70-130	%Rec	2	8/26/2021 4:54:00 PM
Surr: Toluene-d8	100	70-130	%Rec	2	8/26/2021 4:54:00 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 Quanitative 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 5

Hall Environmental Analysis Laboratory, Inc.

SampType: MBLK

WO#: **2108B47** *30-Aug-21*

Client: SIMCOE
Project: GCU 204E

Sample ID: mb

Sample ID: 100ng 8260 lcs	SampT	ype: LC	S	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: LCSW	Batch	1D: R8	0817	F	RunNo: 8	0817				
Prep Date:	Analysis D	ate: 8/ 2	26/2021	S	SeqNo: 2	852994	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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			

TestCode: EPA Method 8260B: VOLATILES

Client ID: PBW	Batch	h ID: R8	80817	F	RunNo: 8	0817				
Prep Date:	Analysis D	Date: 8/	26/2021	5	SeqNo: 2	852995	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Toluene	ND	1.0								
Methyl tert-butyl ether (MTBE)	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								
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								

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 Quanitative 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 5

Hall Environmental Analysis Laboratory, Inc.

2108B47 30-Aug-21

WO#:

Client: SIMCOE Project: GCU 204E

Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R80817 RunNo: 80817

Prep Date:	Analysis D	oate: 8/	26/2021	9	SeqNo: 2	852995	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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								
Vinyl chloride	ND	1.0								
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			

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 4 of 5

Hall Environmental Analysis Laboratory, Inc.

10

WO#: **2108B47**

30-Aug-21

Client: SIMCOE
Project: GCU 204E

Surr: Toluene-d8

Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES

10.00

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

99.9

70

130

Sample ID: 100ng 8260 lcs SampType: LCS TestCode: EPA Method 8260B: VOLATILES Client ID: LCSW Batch ID: R80854 RunNo: 80854 Prep Date: Analysis Date: 8/27/2021 SeqNo: 2853387 Units: µg/L SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual Benzene 18 1.0 20.00 92.5 70 130 Surr: 1.2-Dichloroethane-d4 8.2 10.00 81.8 70 130 Surr: 4-Bromofluorobenzene 101 70 10 10.00 130 Surr: Dibromofluoromethane 7.9 10.00 79.3 70 130 Surr: Toluene-d8 9.8 10.00 98.1 70 130

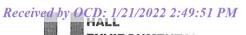
Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R80854 RunNo: 80854 Analysis Date: 8/27/2021 Prep Date: SeqNo: 2853388 Units: µg/L PQL SPK value SPK Ref Val %REC LowLimit **RPDLimit** Analyte Result HighLimit %RPD Qual ND 1.0 Renzene Ethylbenzene ND 1.0 1,2,4-Trimethylbenzene ND 1.0 Xylenes, Total ND 1.5 Surr: 1,2-Dichloroethane-d4 82.8 70 130 8.3 10.00 Surr: 4-Bromofluorobenzene 10 10.00 99.8 70 130 Surr: Dibromofluoromethane 8.1 10.00 81.2 70 130 Surr: Toluene-d8 9.9 10.00 99.0 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

Page 5 of 5



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: SIMCO	Е	Work Order Nu	mber: 2108B47		RcptN	o: 1
Received By: Cheye	enne Cason	8/20/2021 7:00:0	O AM	Chul		
Completed By: Desire	ee Dominguez	8/20/2021 12:39:		17		
	A 8.201			112		
Chain of Custody						
1. Is Chain of Custody co	omplete?		Yes 🗸	No 🗌	Not Present	
2. How was the sample of	delivered?		Courier			
<u>Log In</u>						
3. Was an attempt made	to cool the samples?		Yes 🗸	No 🗌	NA 🗌	
4. Were all samples recei	ved at a temperature	of >0° C to 6.0°C	Yes 🗸	No 🗌	NA 🗆	
5. Sample(s) in proper co	ntainer(s)?		Yes 🗸	No 🗌		
6. Sufficient sample volun	ne for indicated test(s)?	Yes 🗸	No 🗌		
7. Are samples (except V	OA and ONG) properl	y preserved?	Yes 🗸	No 🗌		
8. Was preservative adde	d 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 conta	ainers received broke	n?	Yes	No 🗸		
11. Does paperwork match	bottle labels?		Yes 🗹	No 🗆	# of preserved bottles checked for pH:	
(Note discrepancies on			100			r >12 unless noted)
12. Are matrices correctly in		Custody?	Yes 🗸	No 🗌	Adjusted?	
13. Is it clear what analyses			Yes 🗸	No 🗌		1101 01
Were all holding times a (If no, notify customer for			Yes 🗸	No 🗌	Checked by:	KPh 8 fre
Special Handling (if a	pplicable)					I
15. Was client notified of a		his order?	Yes	No 🗌	NA 🗸	
Person Notified:		Date	e: [Personal designation of the second		
By Whom:	Proposition and annual contract and annual con	Via:	eMail	Phone Fax	In Person	
Regarding:			ACCESSED AND AND AND AND AND AND AND AND AND AN	STEEDERS LOSS BYTE CHILD SERVICES STOL	THE RESIDENCE OF THE PERSON OF	
Client Instructions	S:		THE RESERVE OF THE PARTY OF THE PARTY.			
16. Additional remarks:						
17. Cooler Information						
Cooler No Temp	°C Condition Se	al Intact Seal No	Seal Date	Signed By		
1 0.9	Good Yes	The state of the s		3,		

Rec	eived	by O	CD:	1/21	/202	2 2:	49:51 I	PM	(N	10	Air Bubbles (<i>Y</i>								Π	T			Pag	e 35 o	f 44
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Chain-of-Custody Record	SIMCOE LLC / COTTONWOOD CONSULTING		SS:				äi				iii e	N										01	T	[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
39	SIM		Mailing Address:			ах#:	QA/QC Package: ☑ Standard	on:		ype)	Ë	1201										Time:	Time:	186	If ne
0			ig Ac		#	email or Fax#:	QA/QC Packa	Accreditation:	AP	☐ EDD (Type)	a											Delia Contractor Contractor		5	
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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

December 16, 2021

Julie Best SIMCOE 1100 Main St. Durango, CO 81301

TEL: (505) 330-9179

FAX:

RE: GCU 204E OrderNo.: 2112693

Dear Julie Best:

Hall Environmental Analysis Laboratory received 1 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,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2112693

Date Reported: 12/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE Client Sample ID: MW#5

 Project:
 GCU 204E
 Collection Date: 12/8/2021 9:30:00 AM

 Lab ID:
 2112693-001
 Matrix: AQUEOUS
 Received Date: 12/9/2021 7:25:00 AM

Analyses	Result	RL Qua	l Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES					Analyst: JR
Benzene	200	10	μg/L	10	12/14/2021 1:41:32 PM
Toluene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Ethylbenzene	190	10	μg/L	10	12/14/2021 1:41:32 PM
Methyl tert-butyl ether (MTBE)	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,2,4-Trimethylbenzene	140	10	μg/L	10	12/14/2021 1:41:32 PM
1,3,5-Trimethylbenzene	37	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,2-Dichloroethane (EDC)	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,2-Dibromoethane (EDB)	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Naphthalene	24	2.0	μg/L	1	12/14/2021 1:59:36 AM
1-Methylnaphthalene	18	4.0	μg/L	1	12/14/2021 1:59:36 AM
2-Methylnaphthalene	19	4.0	μg/L	1	12/14/2021 1:59:36 AM
Acetone	ND	10	μg/L	1	12/14/2021 1:59:36 AM
Bromobenzene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Bromodichloromethane	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Bromoform	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Bromomethane	ND	3.0	μg/L	1	12/14/2021 1:59:36 AM
2-Butanone	ND	10	μg/L	1	12/14/2021 1:59:36 AM
Carbon disulfide	ND	10	μg/L	1	12/14/2021 1:59:36 AM
Carbon Tetrachloride	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Chlorobenzene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Chloroethane	ND	2.0	μg/L	1	12/14/2021 1:59:36 AM
Chloroform	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Chloromethane	ND	3.0	μg/L	1	12/14/2021 1:59:36 AM
2-Chlorotoluene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
4-Chlorotoluene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
cis-1,2-DCE	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,2-Dibromo-3-chloropropane	ND	2.0	μg/L	1	12/14/2021 1:59:36 AM
Dibromochloromethane	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Dibromomethane	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,2-Dichlorobenzene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,3-Dichlorobenzene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,4-Dichlorobenzene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Dichlorodifluoromethane	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,1-Dichloroethane	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,1-Dichloroethene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,2-Dichloropropane	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,3-Dichloropropane	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
2,2-Dichloropropane	ND	2.0	μg/L	1	12/14/2021 1:59:36 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 Quanitative 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

Page 1 of 5

Analytical Report Lab Order 2112693

Date Reported: 12/16/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: SIMCOE Client Sample ID: MW#5

 Project:
 GCU 204E
 Collection Date: 12/8/2021 9:30:00 AM

 Lab ID:
 2112693-001
 Matrix: AQUEOUS
 Received Date: 12/9/2021 7:25:00 AM

Analyses	Result	RL Qua	al Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES					Analyst: JR
1,1-Dichloropropene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Hexachlorobutadiene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
2-Hexanone	ND	10	μg/L	1	12/14/2021 1:59:36 AM
Isopropylbenzene	20	1.0	μg/L	1	12/14/2021 1:59:36 AM
4-Isopropyltoluene	1.2	1.0	μg/L	1	12/14/2021 1:59:36 AM
4-Methyl-2-pentanone	ND	10	μg/L	1	12/14/2021 1:59:36 AM
Methylene Chloride	ND	3.0	μg/L	1	12/14/2021 1:59:36 AM
n-Butylbenzene	ND	3.0	μg/L	1	12/14/2021 1:59:36 AM
n-Propylbenzene	20	1.0	μg/L	1	12/14/2021 1:59:36 AM
sec-Butylbenzene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Styrene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
tert-Butylbenzene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,1,1,2-Tetrachloroethane	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,1,2,2-Tetrachloroethane	ND	2.0	μg/L	1	12/14/2021 1:59:36 AM
Tetrachloroethene (PCE)	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
trans-1,2-DCE	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
trans-1,3-Dichloropropene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,1,1-Trichloroethane	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,1,2-Trichloroethane	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Trichloroethene (TCE)	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Trichlorofluoromethane	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
1,2,3-Trichloropropane	ND	2.0	μg/L	1	12/14/2021 1:59:36 AM
Vinyl chloride	ND	1.0	μg/L	1	12/14/2021 1:59:36 AM
Xylenes, Total	610	15	μg/L	10	12/14/2021 1:41:32 PM
Surr: 1,2-Dichloroethane-d4	93.6	70-130	%Rec	1	12/14/2021 1:59:36 AM
Surr: 4-Bromofluorobenzene	95.3	70-130	%Rec	1	12/14/2021 1:59:36 AM
Surr: Dibromofluoromethane	92.7	70-130	%Rec	1	12/14/2021 1:59:36 AM
Surr: Toluene-d8	100	70-130	%Rec	1	12/14/2021 1:59:36 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 Quanitative 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

Page 2 of 5

Hall Environmental Analysis Laboratory, Inc.

SampType: MBLK

2112693 16-Dec-21

WO#:

Client: SIMCOE
Project: GCU 204E

Sample ID: mb

Sample ID: 100ng lcs	20 1.0 20.0 21 1.0 20.0 19 1.0 20.0 19 1.0 20.0 10 10.0 11 10.0 9.9 10.0			Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: LCSW	Batch	n ID: R8	4495	F	RunNo: 84	4495				
Prep Date:	Analysis D	oate: 12	2/13/2021	9	SeqNo: 29	969399	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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			

TestCode: EPA Method 8260B: VOLATILES

Client ID: PBW	Batch	ID: R8	34495	F	RunNo: 8	4495				
Prep Date:	Analysis Da	ate: 1	2/13/2021	S	SeqNo: 2	969421	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Toluene	ND	1.0								
Methyl tert-butyl ether (MTBE)	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								
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								

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 Quanitative 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

Page 3 of 5

Hall Environmental Analysis Laboratory, Inc.

2112693 16-Dec-21

WO#:

Client: SIMCOE Project: GCU 204E

Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES

		71				,				
Client ID: PBW	Batch	n ID: R8	4495	R	RunNo: 84	4495				
Prep Date:	Analysis D	ate: 12	2/13/2021	S	SeqNo: 29	969421	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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								
Vinyl chloride	ND	1.0								
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			

Qualifiers:

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

Page 4 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112693** *16-Dec-21*

Client: SIMCOE
Project: GCU 204E

Sample ID: 100ng lcs

Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES

Client ID: PBW Batch ID: R84495 RunNo: 84495

SampType: LCS

Prep Date: Analysis Date: 12/13/2021 SegNo: 2969421 Units: μq/L

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: Toluene-d8 9.8 10.00 98.5 70 130

TestCode: EPA Method 8260B: VOLATILES

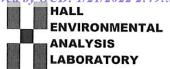
Client ID: LCSW Batch ID: R84536 RunNo: 84536 Prep Date: Analysis Date: 12/14/2021 SeqNo: 2970864 Units: µg/L SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual Benzene 22 1.0 20.00 0 108 70 130 Surr: 1.2-Dichloroethane-d4 10 10.00 104 70 130 Surr: 4-Bromofluorobenzene 10 99.9 70 10.00 130 Surr: Dibromofluoromethane 10 10.00 102 70 130 Surr: Toluene-d8 9.8 10.00 97.8 70 130

Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R84536 RunNo: 84536 Analysis Date: 12/14/2021 Prep Date: SeqNo: 2970889 Units: µg/L PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result HighLimit Qual ND 1.0 Renzene Ethylbenzene ND 1.0 1,2,4-Trimethylbenzene ND 1.0 Xylenes, Total ND 1.5 70 Surr: 1,2-Dichloroethane-d4 107 130 11 10.00 Surr: 4-Bromofluorobenzene 9.9 10.00 99.3 70 130 Surr: Dibromofluoromethane 105 10 10.00 70 130 Surr: Toluene-d8 9.9 10.00 99.2 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 Quanitative 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

Page 5 of 5



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

Received By: Tracy Casarrubias 12/9/2021 7:25:00 AM	Client Name: SIMCOE	Work Order N	umber: 2112693		RcptNo: 1	
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 No NA	Received By: Tracy Cas	arrubias 12/9/2021 7:25:	00 AM			
Chain of Custody 1. Is Chain of Custody complete? 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? 4. Were all samples received at a temperature of >0° C to 6.0°C Yes V No No NA	Completed By: Tracy Cas	arrubias 12/9/2021 3:19:	51 PM			
1. Is Chain of Custody complete? 2. How was the sample delivered? Courier	Reviewed By: KYC	12/10/21				
Log In 3. Was an attempt made to cool the samples? 4. Were all samples received at a temperature of >0° C to 6.0°C 4. Were all samples received at a temperature of >0° C to 6.0°C 5. Sample(s) in proper container(s)? 6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No No NA Person Notified: Date: NA Person Notified: Date: Na In Person	Chain of Custody					
Log In 3. Was an attempt made to cool the samples? 4. Were all samples received at a temperature of >0° C to 6.0°C 4. Were all samples received at a temperature of >0° C to 6.0°C 5. Sample(s) in proper container(s)? 6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No No NA Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding:	1. Is Chain of Custody compl	ete?	Yes 🗹	No 🗌	Not Present	
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4. Were all samples received at a temperature of >0° C to 6.0°C Yes No No NA Sample(s) in proper container(s)? Yes No Sample(s) in proper container(s)? Yes No No Sample(s) in proper container(s)? Yes No No No No No No No No No N						
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14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Yes No No NA Phone Fax In Person Regarding:	12. Are matrices correctly ident	ified on Chain of Custody?	Yes 🗸	No 🗆	Adjusted?	
(If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Via: □ eMail □ Phone □ Fax □ In Person		(4)	Yes 🗸	No 🗌	714	ا ما ا اما
Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Date: Via:eMailPhoneFaxIn Person			Yes 🗸	No 🗆	Checked by:	15/10/5/
15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Date: Via: □ eMail □ Phone □ Fax □ In Person						
By Whom: Via: eMail Phone Fax In Person Regarding:			Yes	No 🗆	NA 🗹	
Regarding:	Person Notified:	Da	ate:			
AND AS A STATE OF THE PARTY OF	By Whom:	Via	a: 🗌 eMail 🗌 Pl	none 🗌 Fax	☐ In Person	
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Client Instructions:	,					
16. Additional remarks:						
17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By	Assessed Control to the Second State of the Se	Condition Socillatest Coulty	C. I.B.	0:		
Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 1 3.1 Good Yes			Seal Date	oignea By		

	HALL ENVIRONMENTAL	ANALISIS LABORALORY	www.hallenvironmental.com	ξ 	Applyor Domost	(8'8 SI OS ,	bO¢ SIW bCE	1) 3270 3270 3270	N (A (A Sn)	GR tals (O ₃ , (O ₃ , (O ₃ ,	esticon esticon odfe v 83 Me Me (AC)	ETEX / BTEX / BDB (Md BDB BDB (Md BDB BDB BDB BDB BDB BDB BDB BDB BDB BD	33 33 33 33 33 33 33 33 33 33 33 33 33							le Remarks:		
Turn-Around Time:	Standard □ Rush		GCU 204E	Project #:		Project Manager:	Julie Best		Sampler: Emma Millar	On Ice:	# of Coolers: 1	Cooler Temp(including CF): 3.1 - 02 3.1	Container Preservative HEAL No. Type and # Type	2 HCI & cool							Received by: Vial Date Time	Via: Color	12/6/21
Shain-of-Custody Record	Client: Simcoe LLC		Mailing Address: 1199 Main Ave Suite 101	Durango, CO 81301	Phone #:970-394-0131	email or Fax#: julie.best@ikavenergv.com	1 35	Standard 🗆 Level 4 (Full Validation)	n: Az Compliance	□ Other	(ed.		Date Time Matrix Sample Name	13/8/21 0930 WATER MW #5							19/b/2/1/5/15	Relinquished by:	

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

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 74398

CONDITIONS

Operator:	OGRID:
SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	329736
	Action Number:
	74398
	Action Type:
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2020 Groundwater Remediation Report fro GCU #204E: Content Satisfactory 1. Continue to conduct quarterly sampling until eight (8) consecutive quarterly samples have been demonstrated below NM WQCC 20.2.3103 of the NMAC. 2. Continue to submit annual reports by April 1, 2024.	1/23/2024