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September 5, 2025

Jerrid Brann
Simcoe LLC
1199 Main Ave Suite 101
Durango, CO 81301

**RE: Heaton LS #005
2025 Biannual Monitoring Report**

Dear Mr. Brann,

Cottonwood Consulting LLC (Cottonwood) is pleased to provide Simcoe LLC (Simcoe) with the results of the soil vapor extraction (SVE) monitoring conducted at the Heaton LS #005 well site (API 30-045-10251). Details regarding the methodology and associated results are summarized below.

Background

The SVE system was installed in response to a release of fluids at the Heaton LS #005 well site. The system was installed to perform in-situ remediation of impacted soils. The SVE system was installed in March 2015. In November 2017, the SVE unit was stolen. In August 2018, the system was replaced and restarted and regular monitoring has continued since then. See Figure 1 for a site map.

Methodology

The SVE system commenced operation in March 2015. Monitoring is conducted on a regular schedule. During the monitoring, observations are made about the SVE system operation and general condition, organic vapor meter (OVM) readings are collected from the exhaust of the SVE unit, vacuum pressure on the unit is noted, and the quantity of water within the drum located on the unit is noted and the drum drained, if required.

The SVE system initially was extracting from SVE point BH-1. When OVM readings were reduced in BH-1, the system was switched to SVE point BH-4, then to BH-5, where it remains.

Monitoring Results

It appears that the SVE system reduced OVM readings in SVE points BH-1 and BH-4. OVM readings in SVE point BH-5 have been on a general downward trend, with the exception of a reading collected in June 2022. See Figure 2 for OVM reading results in BH-1, BH-4, and BH-5

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Brann, J.
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and Attachment 1 for a summary of the SVE System Monitoring Data.

The system was not operational upon arrival at one of the 2025 monitoring events, indicating that the system has been operational approximately 87.5 percent of the year to date.

Conclusion

OVM readings have trended downward since the system began extraction. Simcoe will continue to conduct regular monitoring at the Heaton LS #005 SVE system. In the future, Simcoe may advance subsurface soil borings to verify closure standards are met.

Should you have any questions, please do not hesitate to contact me at 970-764-7356. Cottonwood appreciates the opportunity to provide services to Simcoe.

Sincerely,

A handwritten signature in black ink that reads "Kyle D. Siesser". The signature is written in a cursive, flowing style.

Kyle Siesser, P.G.
Cottonwood Consulting LLC

Attachments: Figure 1 – Site Map

Figure 2 – OVM Reading Results

Attachment 1 – SVE System Monitoring Data

Cottonwood Consulting LLC



FIGURE 1

Heaton LS 005

SVE Operation and Performance Oct.2018

AP# 30-045-10251

(M), S28, T31N, R11W

SVE GPS:

36.865510°, -108.001121°

Legend

- Heaton LS 005 Wellhead
- SVE Point
- SVE Unit

SVE Unit

BH-2

BH-6

BH-1

BH-4

BH-5

BH-3 (P&A)

Heaton LS 005

N

100 ft

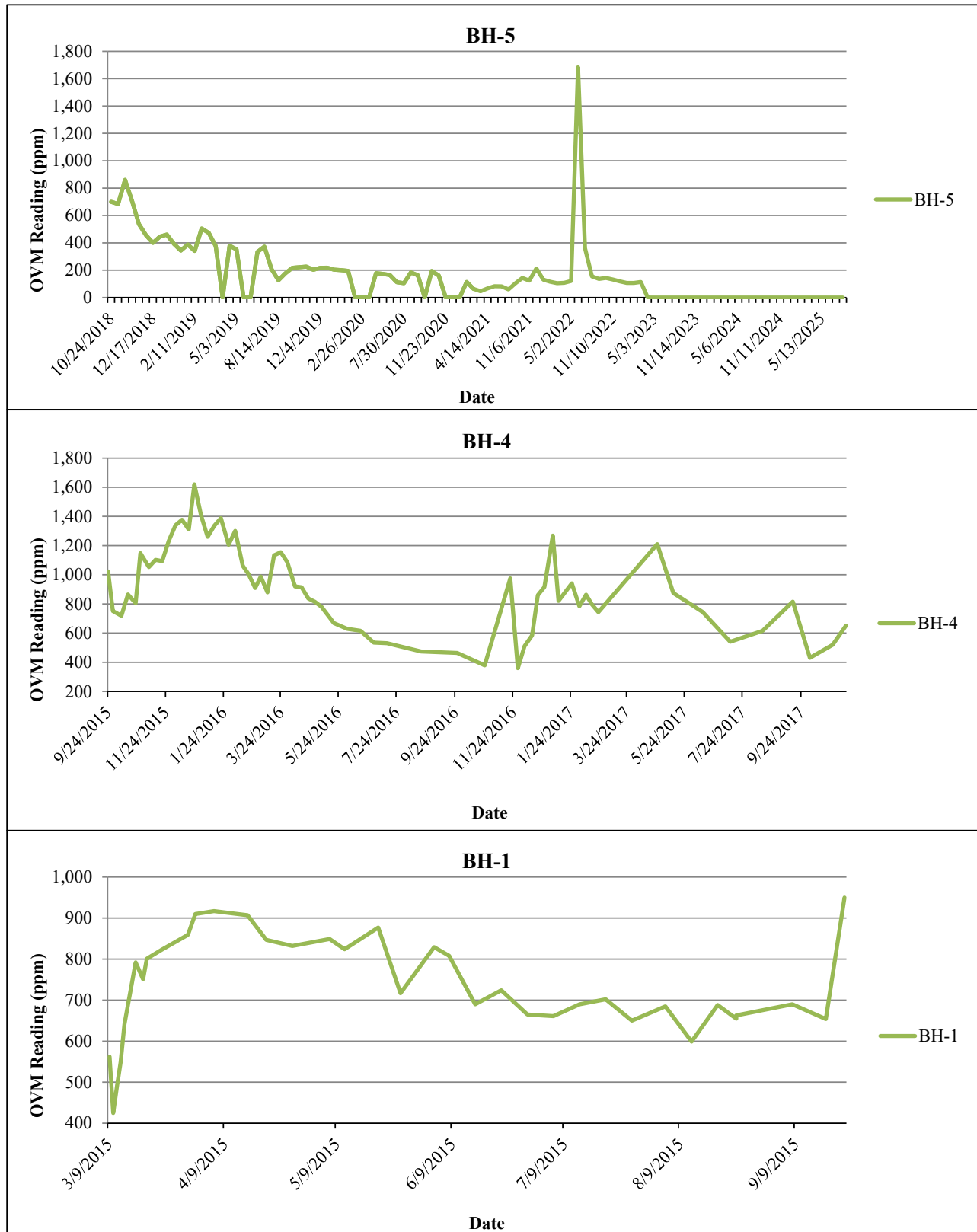
Google Earth



FIGURE 2



Heaton LS #005
OV M Reading Results
Simcoe LLC





ATTACHMENT 1

Heaton LS #005
SVE Monitoring Results
Simcoe LLC

Date	SVE Point	Exhaust OVM (ppm)	Vacuum Pressure Upstream of Drum (inHg)	Vacuum Pressure Downstream of Drum (inHg)	System Operational at Arrival	Water Drained	Water Drained (gal)	Comments
3/9/2015	BH-1	562	2.21	-	-	-	-	Initial vac startup on SVE - BH1.
3/10/2015	BH-1	425	2.21	-	YES	NO	-	
3/11/2015	BH-1	490	2.21	-	YES	NO	-	
3/12/2015	BH-1	549	2.35	-	YES	NO	-	
3/13/2015	BH-1	641	2.28	-	YES	NO	-	
3/16/2015	BH-1	792	2.28	-	YES	NO	-	
3/18/2015	BH-1	751	2.43	-	YES	NO	-	
3/19/2015	BH-1	801	2.43	-	YES	NO	-	
3/23/2015	BH-1	823	2.50	-	YES	NO	-	
3/30/2015	BH-1	859	2.50	-	YES	NO	-	
4/1/2015	BH-1	910	2.50	-	YES	NO	-	
4/6/2015	BH-1	917	2.50	-	YES	NO	-	
4/15/2015	BH-1	907	2.65	-	YES	NO	-	
4/20/2015	BH-1	847	2.50	-	YES	NO	-	
4/27/2015	BH-1	832	2.57	-	YES	NO	-	
5/7/2015	BH-1	849	2.65	-	YES	NO	-	
5/11/2015	BH-1	824	2.65	-	YES	NO	-	
5/20/2015	BH-1	877	2.80	-	YES	NO	-	
5/26/2015	BH-1	717	2.65	-	YES	NO	-	
6/4/2015	BH-1	829	2.65	-	YES	NO	-	
6/8/2015	BH-1	808	2.65	-	YES	NO	-	
6/15/2015	BH-1	690	2.80	-	NO	NO	-	Collected readings after restarting
6/22/2015	BH-1	724	2.80	-	YES	NO	-	
6/29/2015	BH-1	665	2.65	-	YES	NO	-	
7/6/2015	BH-1	661	2.65	-	YES	NO	-	
7/13/2015	BH-1	690	2.65	-	YES	NO	-	
7/20/2015	BH-1	702	2.65	-	YES	NO	-	
7/27/2015	BH-1	650	2.65	-	YES	NO	-	
8/5/2015	BH-1	685	2.80	-	YES	NO	-	
8/12/2015	BH-1	599	2.80	-	YES	NO	-	
8/19/2015	BH-1	688	2.80	-	YES	NO	-	
8/24/2015	BH-1	655.0	2.80	-	YES	NO	-	
8/24/2015	BH-1	663.0	2.80	-	YES	NO	-	
9/8/2015	BH-1	690.0	2.80	-	YES	NO	-	
9/17/2015	BH-1	654.0	2.80	-	YES	NO	-	Dry drum
9/22/2015	BH-1	950	2.65	-	YES	NO	-	Dry drum, switched to SVE-BH2
9/23/2015	BH-2	335	2.80	-	YES	NO	-	Dry drum, switched to SVE-BH4
9/24/2015	BH-4	1,023	2.87	-	YES	NO	-	Dry drum, switched to SVE-BH5
9/25/2015	BH-5	472	2.94	-	YES	NO	-	Dry drum, switched to SVE-BH6
9/28/2015	BH-6	600	2.94	-	YES	NO	-	Dry drum, switched to SVE-BH4
9/29/2015	BH-4	751	2.87	-	YES	NO	-	Dry drum
10/8/2015	BH-4	719	2.94	-	YES	NO	-	Did not check water level in drum
10/15/2015	BH-4	865	2.94	-	YES	NO	-	Did not check water level in drum
10/23/2015	BH-4	806	2.94	-	YES	NO	-	Dry drum
10/28/2015	BH-4	1,148	2.94	-	YES	NO	-	Did not check water level in drum
11/6/2015	BH-4	1,053	2.94	-	YES	NO	-	Measured ~ 1.5" H2O in drum



**Heaton LS #005
SVE Monitoring Results
Simcoe LLC**

Date	SVE Point	Exhaust OVM (ppm)	Vacuum Pressure Upstream of Drum (inHg)	Vacuum Pressure Downstream of Drum (inHg)	System Operational at Arrival	Water Drained	Water Drained (gal)	Comments
11/13/2015	BH-4	1102	2.94	-	YES	NO	-	Did not check water level in drum
11/20/2015	BH-4	1094	2.94	-	YES	YES	3.00	
11/27/2015	BH-4	1232	2.94	-	YES	NO	-	Did not check water level in drum
12/4/2015	BH-4	1339	2.94	-	YES	NO	-	Did not check water level in drum
12/11/2015	BH-4	1337	2.94	-	YES	NO	-	Measured ~ 4.5" H2O in drum
12/18/2015	BH-4	1,310	2.94	-	YES	YES	11.50	
12/24/2015	BH-4	1,620	2.94	-	YES	NO	-	Did not check water level in drum
12/31/2015	BH-4	1,407	2.94	-	YES	NO	-	Did not check water level in drum
1/7/2016	BH-4	1,260	2.94	-	YES	NO	-	Did not check water level in drum
1/14/2016	BH-4	1,337	2.94	-	YES	YES	17.00	
1/21/2016	BH-4	1,388	3.09	-	YES	NO	-	Did not check water level in drum
1/29/2016	BH-4	1,206	3.09	-	YES	NO	-	Did not check water level in drum
2/5/2016	BH-4	1,301	3.09	-	YES	YES	24.00	
2/13/2016	BH-4	1,062	3.09	-	YES	NO	-	Did not check water level in drum
2/19/2016	BH-4	1,005	2.94	-	YES	NO	-	Measured ~ 8.5" H2O in drum
2/26/2016	BH-4	909	2.94	-	YES	YES	16.50	
3/3/2016	BH-4	988	2.94	-	YES	NO	-	Did not check water level in drum
3/10/2016	BH-4	879	2.94	-	YES	NO	-	Measured ~ 8.5" H2O in drum
3/17/2016	BH-4	1,133	2.94	-	YES	YES	5.50	
3/24/2016	BH-4	1,155	3.02	-	YES	NO	-	Measured ~ 1.0" H2O in drum
3/31/2016	BH-4	1,086	2.94	-	YES	YES	4.00	Drained ~ 4 gal., restarted
4/8/2016	BH-4	920	2.94	-	YES	NO	-	Measured ~ 1.0" H2O in drum
4/15/2016	BH-4	914	2.94	-	YES	NO	-	Measured ~ 1.5" H2O in drum
4/22/2016	BH-4	837	2.94	-	YES	NO	-	Measured ~ 2.5" H2O in drum
4/29/2016	BH-4	815	2.94	-	YES	NO	-	Measured ~ 3.0" H2O in drum
5/6/2016	BH-4	780	2.94	-	YES	YES	6.50	
5/19/2016	BH-4	669	2.94	-	YES	NO	-	Did not check water level in drum
6/3/2016	BH-4	629	2.94	-	YES	NO	-	Water in drum below drain port
6/16/2016	BH-4	616	2.80	-	YES	NO	-	Dry drum
6/30/2016	BH-4	535	2.72	-	YES	NO	-	Dry drum
7/14/2016	BH-4	531	2.65	-	YES	NO	-	Dry drum
8/19/2016	BH-4	474	2.80	-	YES	NO	-	Dry drum
9/26/2016	BH-4	464	2.94	-	YES	YES	7.50	
10/25/2016	BH-4	379	2.80	-	YES	YES	7.50	
11/8/2016	BH-4	-	-	-	YES	YES	23.00	
11/21/2016	BH-4	975	2.80	-	NO	YES	27.00	Collected readings after draining & restarting
11/29/2016	BH-4	360	2.65	-	YES	YES	25.50	
12/6/2016	BH-4	511	2.72	-	YES	YES	24.00	
12/14/2016	BH-4	584	2.72	-	NO	YES	27.00	Collected readings after draining & restarting
12/20/2016	BH-4	860	2.80	-	YES	YES	19.00	
12/27/2016	BH-4	916	2.50	-	YES	YES	22.00	
1/5/2017	BH-4	1,268	2.80	-	YES	NO	27.00	Collected readings after draining & restarting
1/11/2017	BH-4	821	2.72	-	YES	YES	17.00	
1/19/2017	BH-4	-	2.80	-	YES	YES	19.00	
1/25/2017	BH-4	941	2.80	-	YES	YES	17.00	
2/2/2017	BH-4	784	2.72	-	YES	YES	24.50	



**Heaton LS #005
SVE Monitoring Results
Simcoe LLC**

Date	SVE Point	Exhaust OVM (ppm)	Vacuum Pressure Upstream of Drum (inHg)	Vacuum Pressure Downstream of Drum (inHg)	System Operational at Arrival	Water Drained	Water Drained (gal)	Comments
2/9/2017	BH-4	863	2.80	-	YES	YES	15.50	
2/15/2017	BH-4	799	2.72	-	YES	YES	10.50	
2/22/2017	BH-4	744	2.65	-	YES	YES	12.00	
3/3/2017	BH-4	757	2.72	-	YES	YES	18.00	
3/9/2017	BH-4	860	2.72	-	YES	YES	11.50	
3/15/2017	BH-4	1,526	2.65	-	YES	YES	6.50	
3/29/2017	BH-4	850	2.65	-	YES	YES	6.50	
4/13/2017	BH-4	954	2.65	-	YES	YES	15.50	
4/25/2017	BH-4	1,210	2.57	-	YES	YES	3.00	
5/12/2017	BH-4	875	2.57	-	YES	YES	7.00	
6/12/2017	BH-4	745	2.57	-	YES	NO	-	Water in drum below drain port
7/11/2017	BH-4	541	2.35	-	YES	NO	-	Dry drum
8/14/2017	BH-4	615	2.57	-	YES	NO	-	Dry drum
9/15/2017	BH-4	816	2.35	-	YES	NO	-	Dry drum
10/3/2017	BH-4	431	2.50	-	YES	YES	26.00	
10/27/2017	BH-4	520	2.50	-	YES	YES	22.00	
11/10/2017	BH-4	651	2.50	-	YES	YES	26.00	
11/22/2017	-	-	-	-	-	-	-	Blower unit & electrical box stolen; collected photos, reported to BP
8/29/2018	1 & 5	617	3.82	-	YES	NO	-	Restarted 8/27/2018. Water level in drum not measured
9/24/2018	-	-	-	-	NO	-	-	Not operational at time of arrival, could not restart
9/27/2018	1 & 5	1,167	3.68	-	YES	NO	-	Water in drum below drain port
10/24/2018	BH-5	700	3.97	-	YES	NO	-	Water in drum below drain port
11/16/2018	BH-5	684	3.68	-	YES	YES	32.50	
11/21/2018	BH-5	860	3.97	-	YES	YES	15.50	Collected data, drained without shutting down unit
11/26/2018	BH-5	707	3.97	-	YES	YES	16.00	
12/4/2018	BH-5	537	3.97	-	YES	YES	22.00	Collected data, drained without shutting down unit
12/11/2018	BH-5	456	3.90	-	YES	YES	22.00	
12/17/2018	BH-5	400	3.82	-	YES	YES	17.00	
12/24/2018	BH-5	445	3.90	-	YES	YES	15.50	
12/31/2018	BH-5	460	3.82	-	YES	YES	18.50	
1/9/2019	BH-5	393	3.75	-	YES	YES	19.50	
1/16/2019	BH-5	344	3.60	-	YES	YES	10.50	
1/28/2019	BH-5	387	3.68	-	YES	YES	21.00	
2/11/2019	BH-5	341	3.53	-	YES	YES	17.00	
2/28/2019	BH-5	505	3.68	-	YES	YES	17.00	
3/6/2019	BH-5	473	3.97	-	YES	YES	10.50	Collected data, drained without shutting down unit
3/11/2019	BH-5	377	3.90	-	YES	YES	6.50	
3/28/2019	BH-5	NA	-	-	YES	NO	-	Did not check water level in drum
4/8/2019	BH-5	378	3.68	-	YES	NO	-	
5/3/2019	BH-5	353	3.68	-	YES	YES	5.50	
5/29/2019	BH-5	NA	-	-	NO	-	-	Theft of unit parts, vandalized security measures
6/19/2019	BH-5	-	-	-	-	-	-	Completed repair of damaged security welding
6/20/2019	BH-5	334	3.97	-	YES	NO	-	Dry drum
7/5/2019	BH-5	372	4.12	-	YES	NO	-	Dry drum
7/27/2019	BH-5	208	3.75	-	YES	NO	-	Dry drum
8/14/2019	BH-5	127	3.68	-	YES	NO	-	Dry drum



**Heaton LS #005
SVE Monitoring Results
Simcoe LLC**

Date	SVE Point	Exhaust OVM (ppm)	Vacuum Pressure Upstream of Drum (inHg)	Vacuum Pressure Downstream of Drum (inHg)	System Operational at Arrival	Water Drained	Water Drained (gal)	Comments
9/18/2019	BH-5	177	3.68	-	YES	NO	-	Dry drum
10/8/2019	BH-5	217	3.68	-	YES	NO	-	Dry drum
10/17/2019	BH-5	222	3.68	-	YES	NO	-	Water in drum below drain port
10/30/2019	BH-5	226	3.82	-	YES	NO	-	Water in drum 1" above drain port
11/12/2019	BH-5	203	3.68	-	YES	YES	6.50	
12/4/2019	BH-5	217	3.75	-	YES	YES	18.00	Drained drum, then restarted
12/12/2019	BH-5	218	3.82	-	YES	YES	4.00	Drained drum while operational
12/19/2019	BH-5	204	3.75	-	YES	YES	7.00	Drained drum while operational
1/6/2020	BH-5	200	3.82	-	YES	YES	17.00	Drained drum while operational
1/25/2020	BH-5	195	3.82	-	YES	YES	14.00	Drained drum while operational
2/13/2020	BH-5	NA	3.68	-	YES	YES	11.50	Drained drum while operational
2/26/2020	BH-5	NA	3.75	-	YES	NO	-	Water in drum measured at 27.5"
3/13/2020	BH-5	NA	3.68	-	YES	YES	9.00	Drained drum while operational
3/27/2020	BH-5	178	3.68	-	YES	YES	1.50	Drained drum while operational
4/20/2020	BH-5	173	3.68	-	YES	NO	-	Water in drum below drain port
5/22/2020	BH-5	165	3.90	-	YES	NO	-	Dry drum
6/25/2020	BH-5	112	3.97	-	YES	NO	-	Dry drum
7/30/2020	BH-5	105	4.05	-	YES	NO	-	Dry drum
8/25/2020	BH-5	183	4.27	-	YES	NO	-	Dry drum, vacuum blower has loud vibration
9/23/2020	BH-5	163	4.27	-	YES	NO	-	
10/23/2020	BH-5	NA	-	-	NO	NO	-	Could not restart unit, maintenance required
11/12/2020	BH-5	194	4.05	-	YES	NO	-	Water in drum below drain port
11/16/2020	BH-5	161	4.19	-	YES	NO	-	Water in drum below drain port
11/23/2020	BH-5	NA	4.05	-	YES	NO	-	Water in drum below drain port
12/4/2020	BH-5	NA	3.97	-	YES	YES	6.50	
12/14/2020	BH-5	NA	3.97	-	YES	YES	6.50	
1/14/2021	BH-5	113.8	-	-	YES	-	-	
2/5/2021	BH-5	63.45	-	-	YES	-	-	
3/29/2021	BH-5	46.1	-	-	YES	-	-	
4/14/2021	BH-5	66.8	-	-	YES	-	-	
5/7/2021	BH-5	83.15	-	-	YES	-	-	
6/8/2021	BH-5	81.44	-	-	YES	-	-	
7/9/2021	BH-5	59.84	-	-	YES	-	-	
9/29/2021	BH-5	104.0	4.05	-	YES	NO	-	Dry drum
10/11/2021	BH-5	142.9	4.05	-	YES	NO	-	Dry drum
11/6/2021	BH-5	123.3	4.05	-	YES	NO	-	Water in drum below drain port
12/13/2021	BH-5	213.0	4.12	-	YES	YES	1.65	Drained drum, then restarted
1/4/2022	BH-5	131.1	4.12	-	YES	YES	4.50	Drained drum into buckets. Transferred to pit.
2/8/2022	BH-5	116.1	4.05	-	YES	YES	6.50	
3/25/2022	BH-5	105.1	3.90	-	YES	NO	-	New blower installed, checked by ks.
4/7/2022	BH-5	107.3	3.97	-	YES	NO	-	
5/2/2022	BH-5	121.3	3.97	-	YES	NO	-	
6/9/2022	BH-5	1,683.0	3.82	-	YES	NO	-	
7/5/2022	BH-5	361.5	3.90	-	YES	NO	-	
8/17/2022	BH-5	154.6	3.90	-	YES	NO	-	
9/14/2022	BH-5	136.5	3.97	-	YES	NO	-	



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SVE Monitoring Results
Simcoe LLC**

Date	SVE Point	Exhaust OVM (ppm)	Vacuum Pressure Upstream of Drum (inHg)	Vacuum Pressure Downstream of Drum (inHg)	System Operational at Arrival	Water Drained	Water Drained (gal)	Comments
10/12/2022	BH-5	143.7	3.97	-	YES	NO	-	
11/10/2022	BH-5	131.6	3.97	-	YES	YES	1.23	
12/15/2022	BH-5	118.2	4.85	-	YES	YES	13.16	
1/10/2023	BH-5	106.6	4.85	-	YES	YES	9.05	
2/7/2023	BH-5	106.7	4.12	-	YES	YES	4.11	
3/10/2023	BH-5	113.8	3.09	-	YES	YES	5.76	
4/6/2023	BH-5	122.7	4.12	-	YES	YES	1.23	
5/3/2023	BH-5	104.3	3.90	-	YES	NO	-	
6/6/2023	BH-5	110.5	3.97	-	YES	NO	-	Vacuum pressure guage removed (downstream)
7/7/2023	BH-5	118.6	3.82	-	YES	NO	-	
8/9/2023	BH-5	104.2	3.82	-	YES	NO	-	
9/7/2023	BH-5	81.5	3.97	-	YES	NO	-	
10/18/2023	BH-5	123.4	3.97	-	YES	NO	-	
11/14/2023	BH-5	75.2	2.35	-	YES	NO	-	
12/14/2023	BH-5	101.5	2.50	-	YES	YES	-	
1/15/2024	BH-5	82.3	-	4	YES	NO	-	Would not start after dying. Drum frozen
2/5/2024	BH-5	98.9	2.5	2.5	YES	YES	6.99	
3/11/2024	BH-5	70.8	2.7	2.5	YES	NO	-	Water level below drain valve
4/8/2024	BH-5	107.5	2.75	2.5	YES	NO	-	
5/6/2024	BH-5	89.6	2.5	2.5	YES	NO	-	Drum dry
6/12/2024	BH-5	102.0	1.0	1.0	YES	NO	-	
7/5/2024	BH-5	80.5	2.5	2.5	YES	NO	-	Drum dry
8/7/2024	BH-5	68.5	2.5	2.5	YES	NO	-	Drum dry
9/17/2024	BH-5	77.3	3.9	2.5	YES	NO	-	
10/3/2024	BH-5	69.1	2.5	2.5	YES	NO	-	
11/11/2024	BH-5	68.9	2.5	2.5	YES	YES	4.94	
12/11/2024	BH-5	-	-	-	NO	NO	-	Frozen fluid, SVE would not turn on
1/7/2025	BH-5	-	0.0	0.0	NO	NO	-	Attempted to start. Ran for 10 seconds then shut off, would not restart after starting. Drum was frozen
2/19/2025	BH-5	128.5	2.5	2.5	YES	NO	-	Frozen
3/25/2025	BH-5	91.3	2.5	4.0	YES	NO	-	
4/8/2025	BH-5	85.8	3.75	2.5	YES	NO	-	
5/13/2025	BH-5	107.2	2.75	2.5	YES	NO	-	Drum is leaking from bottom of barrel due to corrosion. New drum needs to be installed
6/18/2025	BH-5	136.9	3.75	2.5	YES	NO	-	
7/21/2025	BH-5	99.6	3.75	2.5	YES	NO	-	
8/11/2025	BH-5	82.9	3.75	2.5	YES	NO	-	

Notes:

SVE - soil vapor extraction
 OVM - organic vapor meter
 ppm - parts per million
 in - inches
 cfm - cubic feet per minute
 gal - gallons
 NA - Not Applicable

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 507053

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 507053
	Action Type: [REPORT] Alternative Remediation Report (C-141AR)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Monitoring report received and approved for App ID: 507053. Continue operation of system and O&M.	9/22/2025