



Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

ILLINOIS EPA RCRA CORRECTIVE ACTION CERTIFICATION

This certification must accompany any document submitted to Illinois EPA in accordance with the corrective action requirements set forth in a facility's RCRA permit. The original and two copies of all documents submitted must be provided.

1.0 Facility Identification

Name Equilon Enterprises LLC d/b/a/ Shell County Madison
Street Address 900 South Central Ave Site No. (IEPA) 1191150002
City Roxana Site No. (USEPA) ILD080 012 305

2.0 Owner Information

Name Not Applicable
Mail Address _____
City _____
State _____ Zip Code _____
Contact Name _____
Contact Title _____
Phone _____

3.0 Operator Information

Name Equilon Enterprises LLC d/b/a/ Shell
Mail Address 128 East Center Street
City Nazareth
State PA Zip Code 18064
Contact Name Leroy Bealer
Contact Title Senior Program Manager
Phone 484-632-7955

4.0 Type of Submission (check applicable item and provide requested information, as applicable)

☐ RFI Phase I Workplan/Report IEPA Permit Log No. B-43R
☐ RFI Phase II Workplan/Report Date of Last IEPA Letter on Project April 8, 2025
☒ CMP Report; Log No. of Last IEPA Letter on Project B-43R-CA-111
☐ Other (describe): _____ Does this submittal include groundwater information: ☒ Yes ☐ No
Former Public Works Yard SEE System Monthly Progress Report #6 - May 2025

Date of Submittal 6/16/2025

5.0 Description of Submittal: (briefly describe what is being submitted and its purpose)

Corrective Measures Program progress report providing SEE system operational data, including items required by IEPA letter dated 8/22/2022.

6.0 Documents Submitted (identify all documents in submittal, including cover letter; give dates of all documents)

Cover letter, RCRA Corrective Action Certification, and Report dated 6/16/2025. Copy of submittal also sent directly to D. Austin, G. Ko, T. Halteman, and A. Al-Janabi of IEPA.

For: FPWYSIE Monthly Progress Report May 2025
Date of Submission: 6/16/2025

7.0 Certification Statement

(This statement is part of the overall certification being provided by the owner/operator, professional and laboratory in Items 7.1, 7.2 and 7.3 below). The activities described in the subject submittals have been carried out in accordance with procedures approved by Illinois EPA. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

7.1 Owner/Operator Certification

(Must be completed for all submittals. Certification and signature requirements are set forth in 35 IAC 702.126.) All submittals pertaining to the corrective action requirements set forth in a RCRA Permit must be signed by the person designated below (or by a duly authorized representative of that person):

1. For a Corporation, by a principal executive officer of at least the level of vice president.
2. For a Partnership or Sole Proprietorship, by a general partner or the proprietor, respectively.
3. For a Governmental Entity, by either a principal executive officer or a ranking elected official.

A person is a duly authorized representative only if:

1. the authorization is made in writing by a person described above; and
2. the written authorization is provided with this submittal (a copy of a previously submitted authorization can be used).

Owner Signature: _____ Date: _____
Title: _____
Operator Signature: _____ Date: 6/12/2025
Title: Senior Program Manager

7.2 Professional Certification (if necessary)

Work carried out in this submittal or the regulations may also be subject to other laws governing professional services, such as the Illinois Professional Land Surveyor Act of 1989, the Professional Engineering Practice Act of 1989, the Professional Geologist Licensing Act, and the Structural Engineering Licensing Act of 1989. No one is relieved from compliance with these laws and the regulations adopted pursuant to these laws. All work that falls within the scope and definitions of these laws must be performed in compliance with them. The Illinois EPA may refer any discovered violation of these laws to the appropriate regulating authority.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44 (h))

Professional's Signature: Wendy Pennington Date: 6/6/2025
Professional's Name Wendy Pennington
Address 100 N. Broadway, 20th Floor Professional's Seal:
City St. Louis
State MO Zip Code 63102
Phone 314-452-8929



For: FWY SBE Monthly Progress Report May 2025
Date of Submission: 6/16/2025

7.3 Laboratory Certification (if necessary)

The sample collection, handling, preservation, preparation and analysis efforts for which this laboratory was responsible were carried out in accordance with procedures approved by Illinois EPA.

Name of Laboratory Teklab, Inc.



Date: 6/5/25

Signature of Laboratory Responsible Officer

Mailing Address of Laboratory

Address 5445 Horseshoe Lake Road

City Collinsville

State IL Zip Code 62234

Aaron Renner, Project Manager

Name and Title of Laboratory Responsible Officer

For: FPWYSEE Monthly Progress Report May 2025Date of Submission: 6/16/2025**7.3 Laboratory Certification (if necessary)**

The sample collection, handling, preservation, preparation and analysis efforts for which this laboratory was responsible were carried out in accordance with procedures approved by Illinois EPA.

Name of Laboratory Eurofins Environment Testing Northern California, LLC (Eurofins Air Toxics)Sepideh SaeedDate: 06/05/25

Signature of Laboratory Responsible Officer

Mailing Address of Laboratory

Address 180 Blue Ravine Rd. Suite BSepideh Saeed Business Unit ManagerCity Folsom

Name and Title of Laboratory Responsible Officer

State CA Zip Code 95630

Monthly Progress Report #6 – May 2025

Former Public Works Yard Steam
Enhanced Extraction System Operation
Roxana, IL

Prepared for:
Equilon Enterprises LLC dba Shell Oil Products US

Project number: 60738191

June 2025



AECOM
100 N. Broadway,
20th Floor
St. Louis, MO 63102
www.aecom.com

314 429 0100 tel
314 429 0462 fax

June 16, 2025

Mr. Joshua Rhoades
Manager, Permit Section
Illinois Environmental Protection Agency
Division of Land Pollution Control
Bureau of Land
2520 W. Iles Ave
Springfield, Illinois 62704

**Former Public Works Yard Steam Enhanced Extraction System Operation
Corrective Measures Program – Monthly Progress Report #6 – May 2025
Roxana, Illinois
1191150002 – Madison County
Equilon Enterprises LLC d/b/a Shell Oil Products US
Log No. B-43R-CA-116, CA-117**

Dear Mr. Rhoades:

AECOM Technical Services, Inc. (AECOM), on behalf of Equilon Enterprises LLC d/b/a Shell Oil Products US (Shell), is submitting this enclosed Corrective Measures Program (CMP) Phase IV Progress Report in accordance with Condition 15 of the IEPA letter dated August 22, 2022. This report includes a summary and data for activities during May 2025. SEE vapor and groundwater extraction operated throughout May 2025. Steam injection began on April 28, became consistent on May 8, and continued through May 2025.

Condition 15 of the 8/22/2022 IEPA letter requires the following information be included in monthly CMP progress reports (numbering added by AECOM):

1. Temperature data
2. Mass recovery rates
3. Concentrations of organic compounds in the recovered vapor
4. Vapor flow rates
5. Groundwater flow rates
6. Condensate recovery
7. Steam injection rates
8. Electricity (or fuel) consumption
9. Groundwater concentrations
10. Contaminant recovery rates
11. Energy input data
12. Water discharge
13. Air emissions
14. SVP monitoring data

Discussion of SEE Operations and Activities

A summary of activities performed during this period includes:

- Vapor and liquid extraction operated continuously in May 2025
- Consistent steam injection began May 8, 2025, and continued through the rest of the month, with some brief downtime for maintenance activities
- Replaced a steam injection header line
- Replaced carbon in 2 of the 4 liquid granular activated carbon (LGAC) vessels
- Began regular injection of biocide into water treatment system to inhibit microbial growth and buildup
- Minor repairs and maintenance of SEE system components

This report covers the period May 1 – 31, 2025. Cumulative extraction and discharge statistics in **Table 1** include the shakedown period June 12 – July 17, 2024, prior to preliminary steam injection, but when preliminary vapor & liquid extraction were occurring. **Table 1** below provides SEE system performance data as of May 31, 2025. Visualization of SEE system performance data is included in **Attachment A**.

Item	Description	Comments
Input Energy to Date	4,002.8 MWh	Energy applied to steam wells
Input Energy Density to Date	150.18 kWh/yd ³	Based on a heated volume of ~26,000 yd ³
Power Applied to Steam Wells	1399 kW	16.66 kW / steam well
TTZs Average Temperature	44.1°C	Measured by digiTAM temperature sensors within the target treatment zone (TTZ). Target temperature is 80.2°C.
Average Combined Vapor Extraction Rate	1151.0 scfm	MPE wells flow + air stripper flow. Days when extraction did not occur are not factored in.
Cumulative Water Discharge to Sewer	4,064,235 gal	Condensate and directly extracted groundwater are not differentiated. Includes 2024 discharge total.
2025 Average Daily Water Discharge to Sewer	26,611 gal	Days when extraction did not occur are excluded.
Cumulative water (steam) injected	1,556,997 gal	Includes 2024 steam injection.
2025 Average liquid extraction rate	18.5 gpm	Days when extraction did not occur are excluded.
2025 Average steam injection rate	6,139 lbs/hr	Days when injection did not occur are excluded.
VOC Mass Recovered in 2024	43,052 lbs	
VOC Mass Recovered in 2025	17,873 lbs	
Total VOC Mass Recovered	60,925 lbs	
2025 Average VOC Removal Rate	283.7 lbs/day	Days when extraction did not occur are not factored in.

Table 1 – SEE System Performance Data as of May 31, 2025

Concentrations of Organic Compounds in Recovered Vapor

SEE system vapor analytical results are provided in **Attachment B**.

Electricity and Natural Gas Consumption

Monthly electricity and natural gas consumption include both SVE system and SEE system operations. The SEE system was not operated in January or February 2025.

Month	Electricity (kWh)	Natural Gas (therms)	Natural Gas (MMscf)
March 2025	20,354	2,195	0.209
April 2025	76,206	3,464	0.330
May 2025	86,839	55,572	5.293

Table 2 – Electricity and Natural Gas Consumption

Groundwater Concentrations

The influent water represents the combination of vapor extraction condensate and the direct liquid extraction stream, prior to treatment. Influent water samples were initially scheduled to be collected every two weeks, but currently influent water samples are being collected twice per week in order to provide more data for system optimization. Influent water concentrations for the period covered by this progress report are shown in **Table 3** below.

Influent Water Date	Benzene (mg/L)
5/1/2025	19.5
5/5/2025	14.0
5/6/2025	16.3
5/8/2025	22.4
5/12/2025	16.6
5/15/2025	16.7
5/20/2025	10.6
5/22/2025	13.8
5/27/2025	10.4
5/29/2025	10.4

Table 3 – Influent Water Concentrations

Air Emissions

Monthly air emissions are compared to FESOP No. 12040025 (issued May 3, 2022) emissions limits. Emissions calculations below are preliminary and include emissions from SVE system and SEE system operations. The SEE system was not operated in January or February 2025.

Month	VOM (tons/month)	HAP (tons/month)	CO (tons/month)	NO _x (tons/month)	PM (tons/month)	SO ₂ (tons/month)
Monthly Limit	2.49	1.99	1.05	1.25	0.1	0.01
March 2025	0.05429	0.01728	0.00922	0.01098	0.00083	0.00007
April 2025	0.06733	0.03950	0.01455	0.01732	0.00132	0.00104
May 2025	0.22190	0.06726	0.23340	0.27786	0.02112	0.00166

Table 4 – Preliminary Monthly Air Emissions Calculations

Steam Vapor Point (SVP) Monitoring Data

Results from field-screened Tedlar® bag SVP samples for the period covered by this progress report are provided in **Attachment C**. Tedlar® bag sample results were below the threshold for triggering analytical samples from primary and secondary row SVPs in May 2025; therefore, no SVP analytical results are included with this progress report. The treatment zone average temperature reached half the target temperature (40.1°C out of 80.2°C) the last week of May. The associated milestone analytical samples were collected in early June 2025, and those results will be included with a future monthly progress report. Locations of SVPs and SEE system wells are depicted in **Attachment D**.

An electronic copy of this submittal is being sent separately directly to Dana Austin, Gary Ko, Takako Halteman, and Ali Al-Janabi with the IEPA.

If you have any questions please contact Buddy Bealer, Shell Senior Program Manager, at leroy.bealer@shell.com (484-632-7956), or Wendy Pennington at wendy.pennington@aecom.com (314-452-8929).

Sincerely,

AECOM, on behalf of Shell Oil Products US



Samuel Fisher, CHMM
Environmental Scientist



Wendy Pennington, PE
Project Manager



Brett Howell, PG
Geologist

Enclosures: RCRA Corrective Action Certification Form
Attachment A – SEE System Performance Visuals
Attachment B – SEE System Vapor Analytical Sample Results
Attachment C – SVP Field-Screened Tedlar Bag® Sample Results
Attachment D – SEE System Well Field Layout



cc: Buddy Bealer, Shell
Dana Austin, IEPA, Springfield
Gary Ko, IEPA, Springfield
Takako Halteman, IEPA, Springfield
Ali Al-Janabi, IEPA, Collinsville
Village of Roxana
Repositories – Roxana Public Library, website
Project File

1.1 Electrode Performance

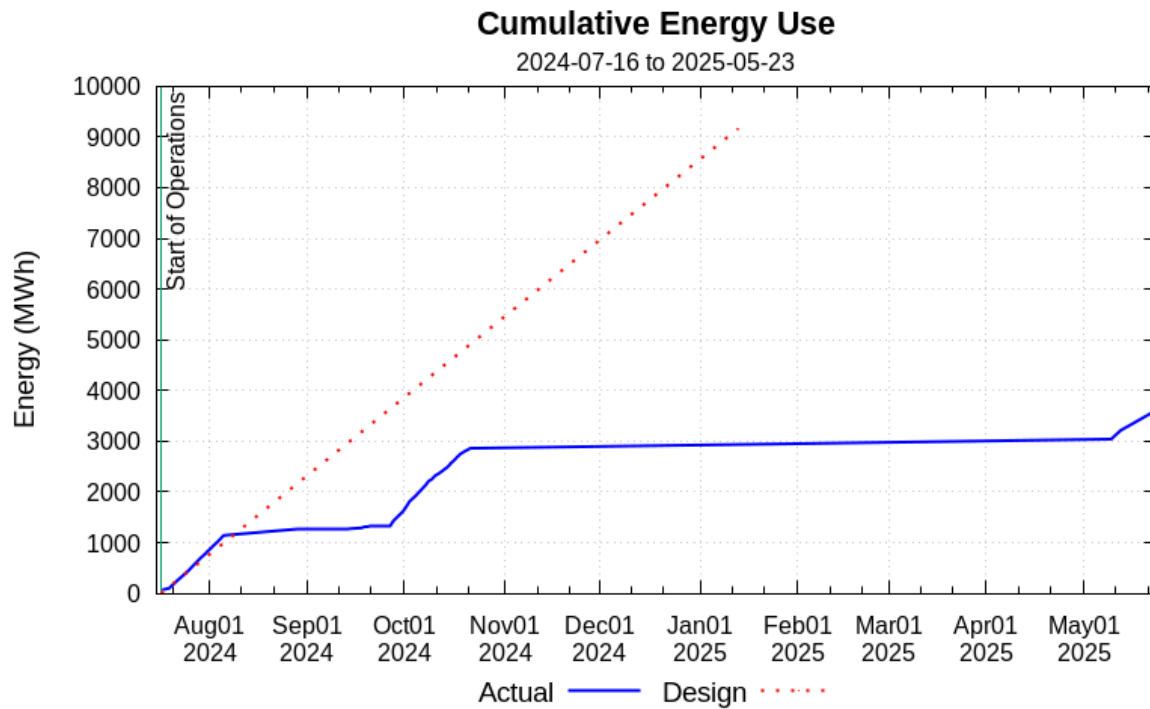


Figure 1: Total energy input to the steam spears.

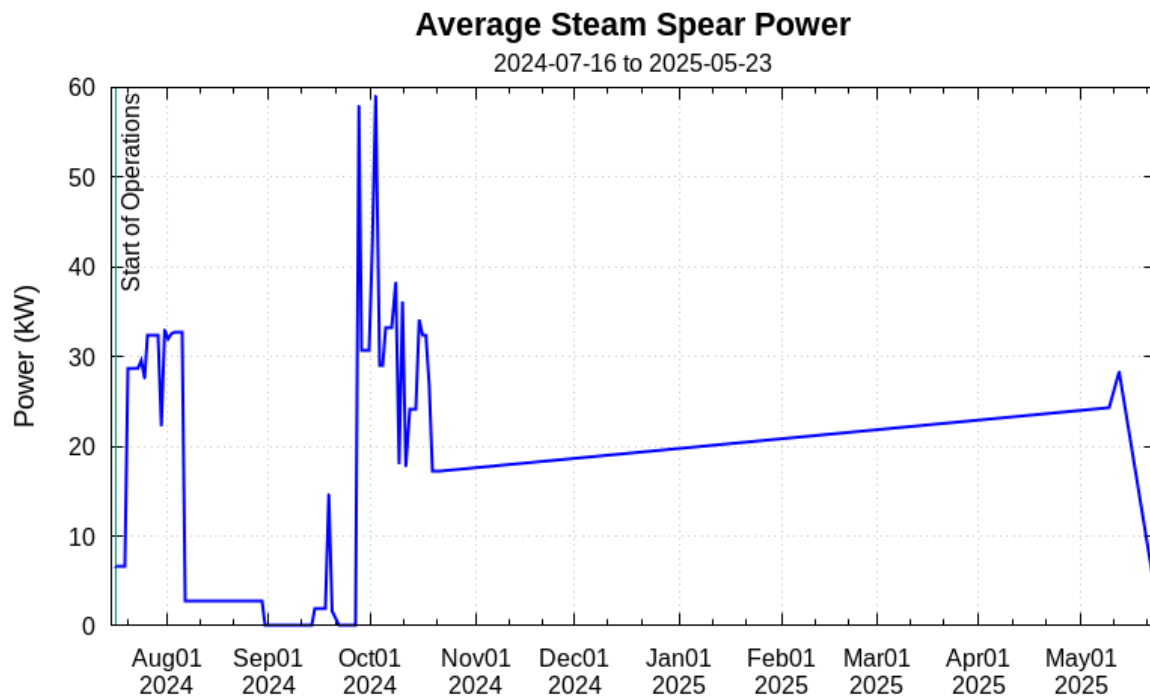


Figure 2: Daily average power input per steam spear.

1.2 Temperature Performance

Table 2: Current temperature performance as of May 31, 2025 based on DigiTAM™ data only

Item	Temperature
Average Temperature (Overall)	44.1 °C
Average Temperature (413 - 418 ft MSL)	48.99 °C
Average Temperature (408 - 413 ft MSL)	51.82 °C
Average Temperature (403 - 408 ft MSL)	68.36 °C
Average Temperature (398 - 403 ft MSL)	77.96 °C
Average Temperature (393 - 398 ft MSL)	61.77 °C
Average Temperature (388 - 393 ft MSL)	46.24 °C
Average Temperature (383 - 388 ft MSL)	34.39 °C
Average Temperature (378 - 383 ft MSL)	27.05 °C
Average Temperature (373 - 378 ft MSL)	26.72 °C

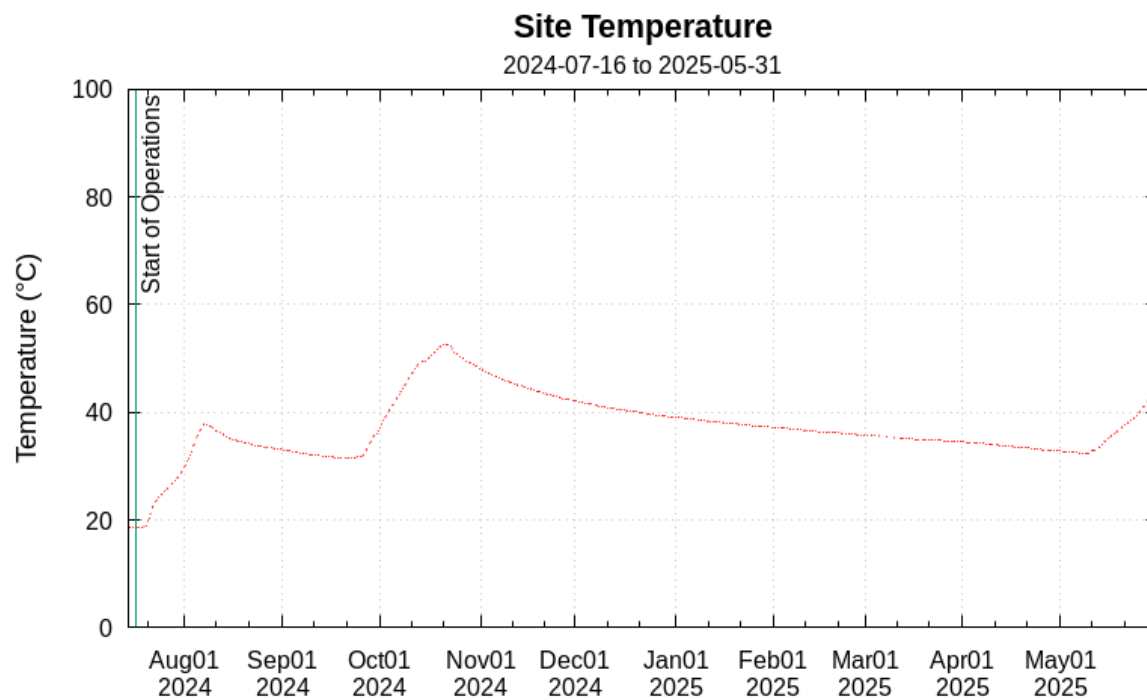


Figure 3: Average temperature profile for the site. The design curve is based on results from the numerical simulation.

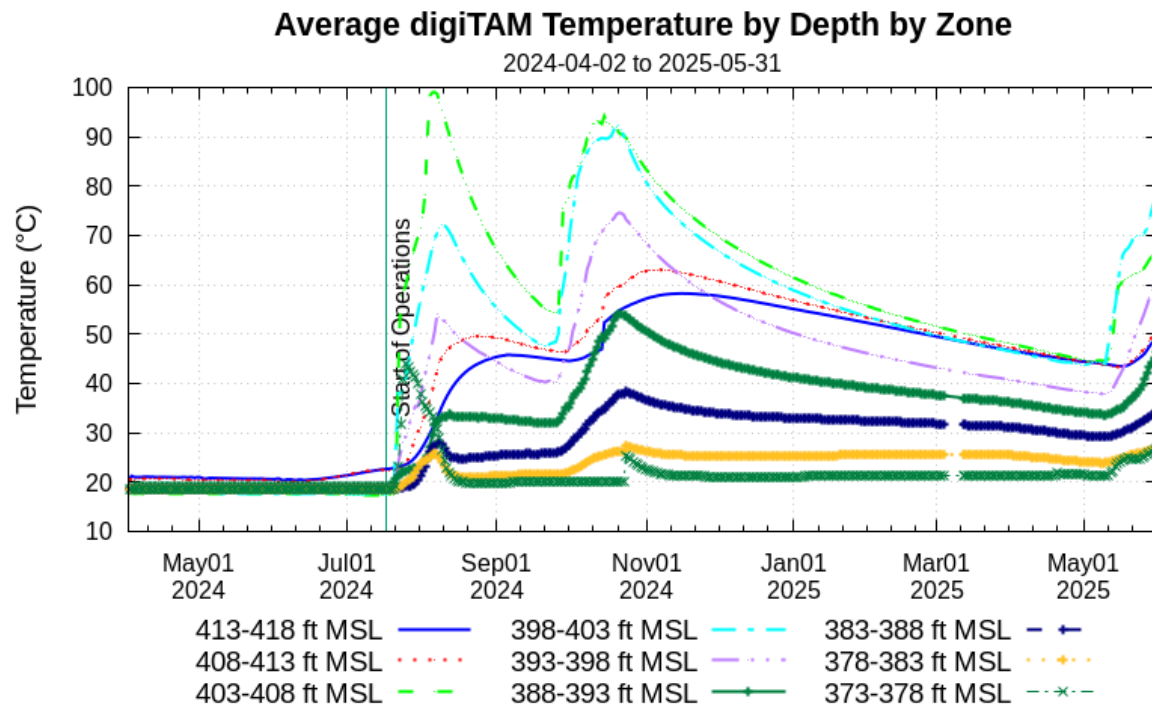


Figure 4: Calculated average temperatures by zones measured in various depth intervals of the treatment area.



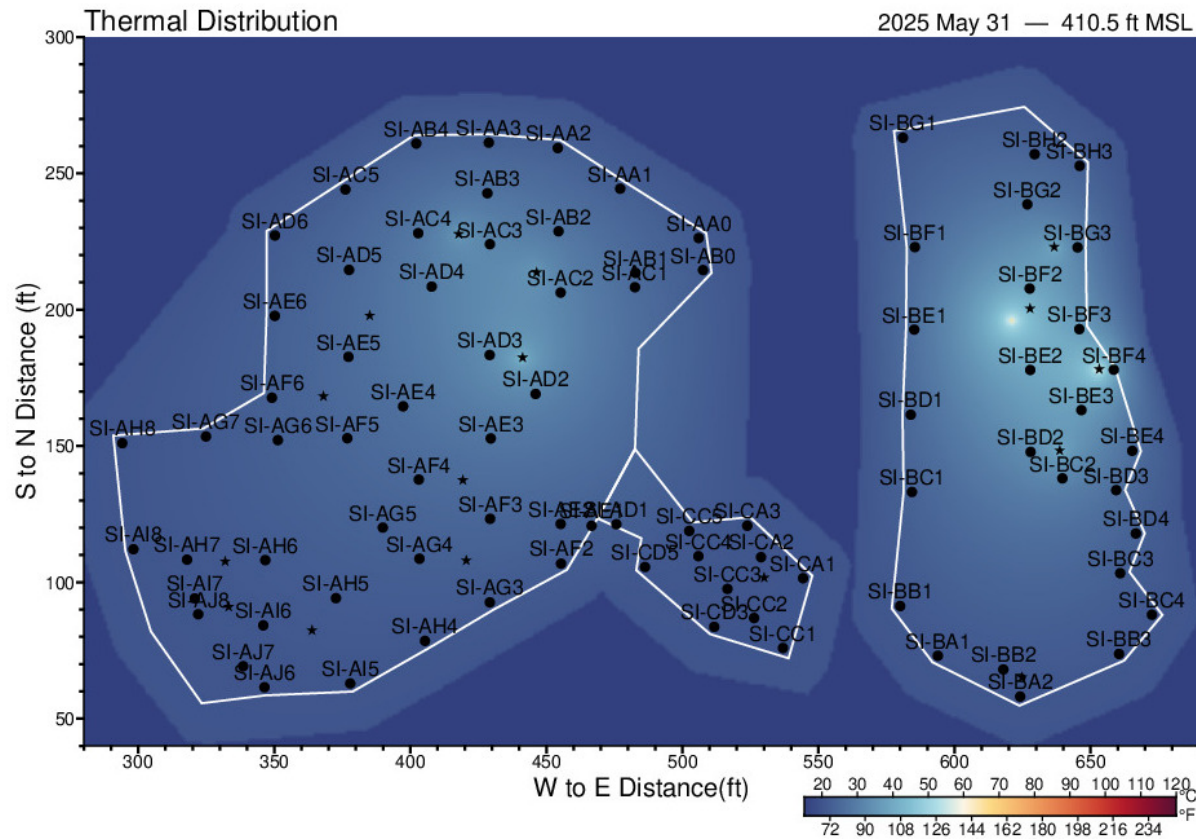


Figure 6: Temperature cross-section (410.5 ft MSL)

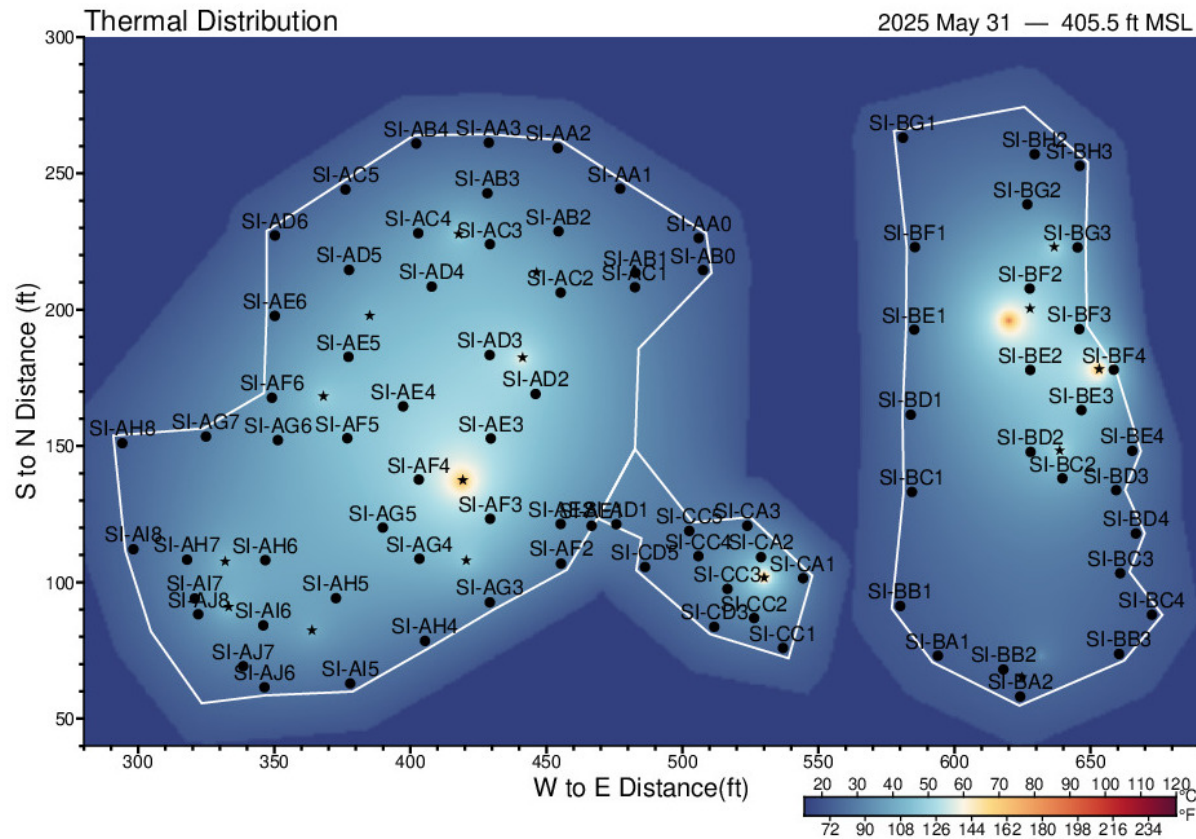


Figure 7: Temperature cross-section (405.5 ft MSL)

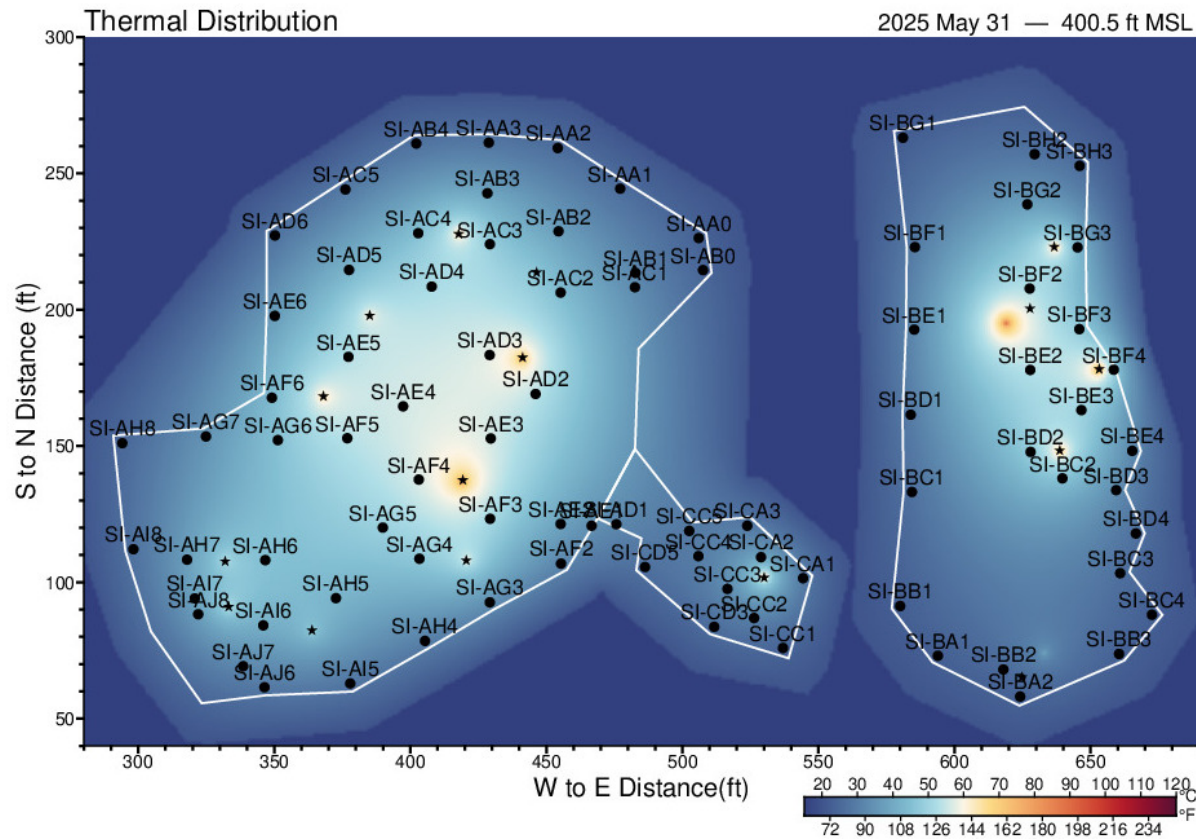


Figure 8: Temperature cross-section (400.5 ft MSL)

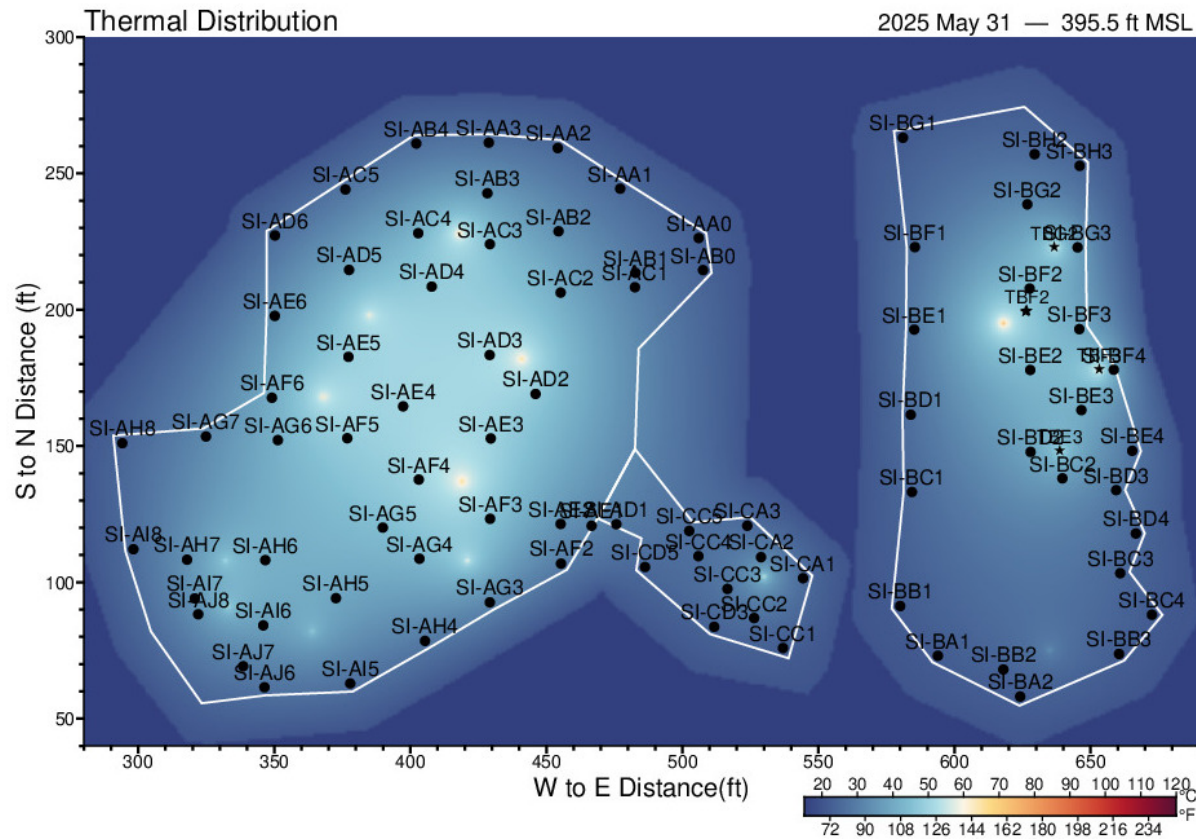
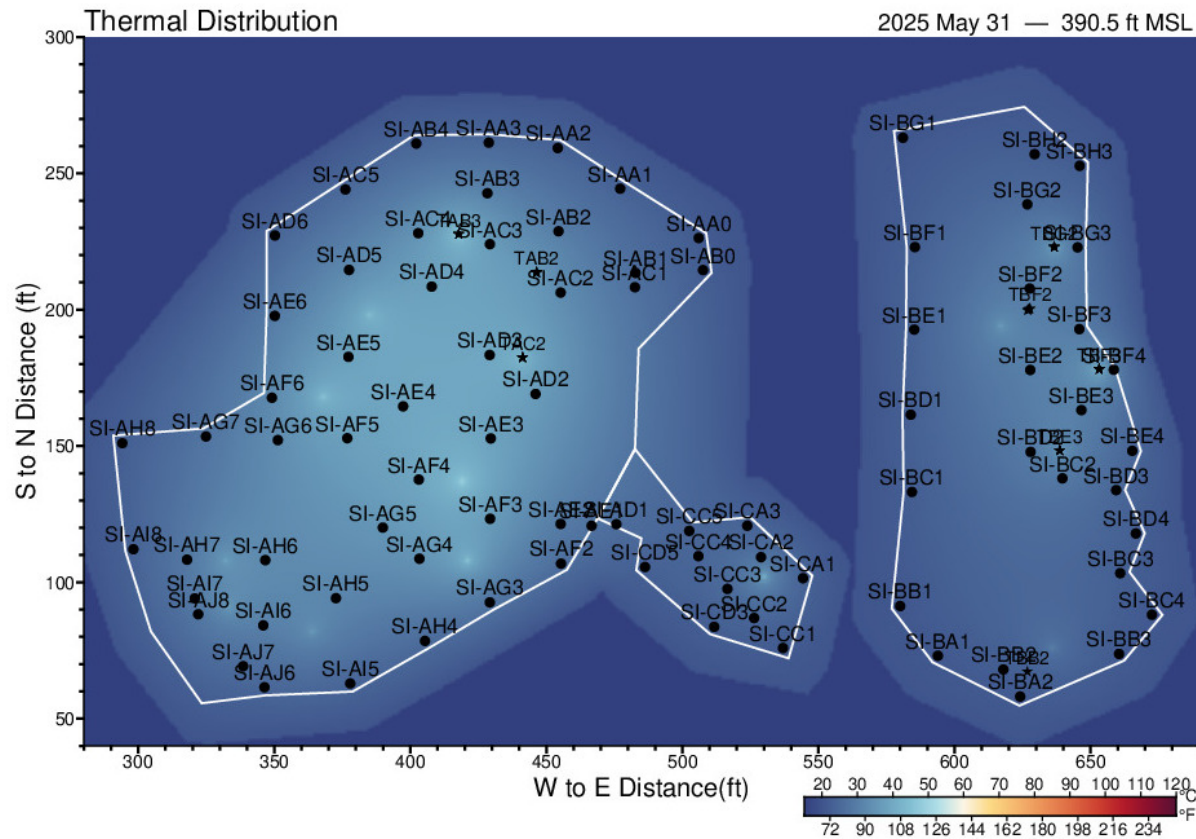


Figure 9: Temperature cross-section (395.5 ft MSL)



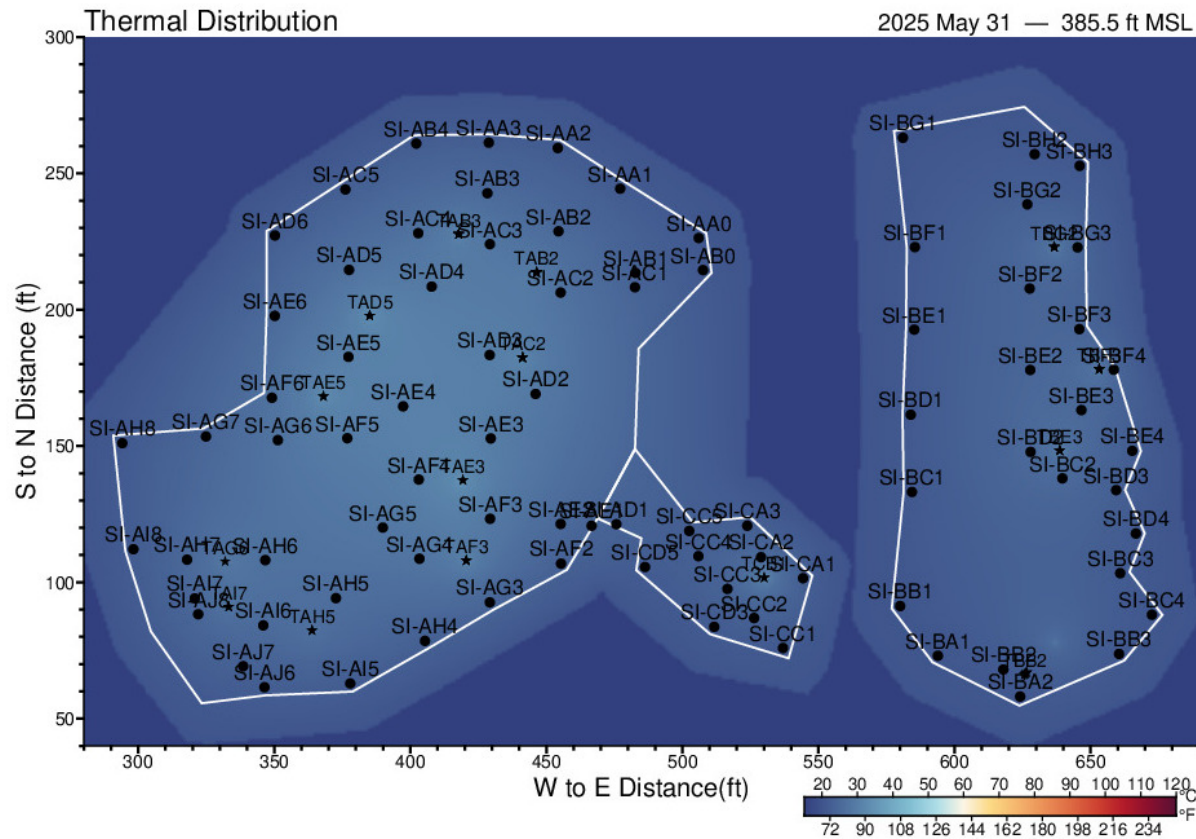


Figure 11: Temperature cross-section (385.5 ft MSL)

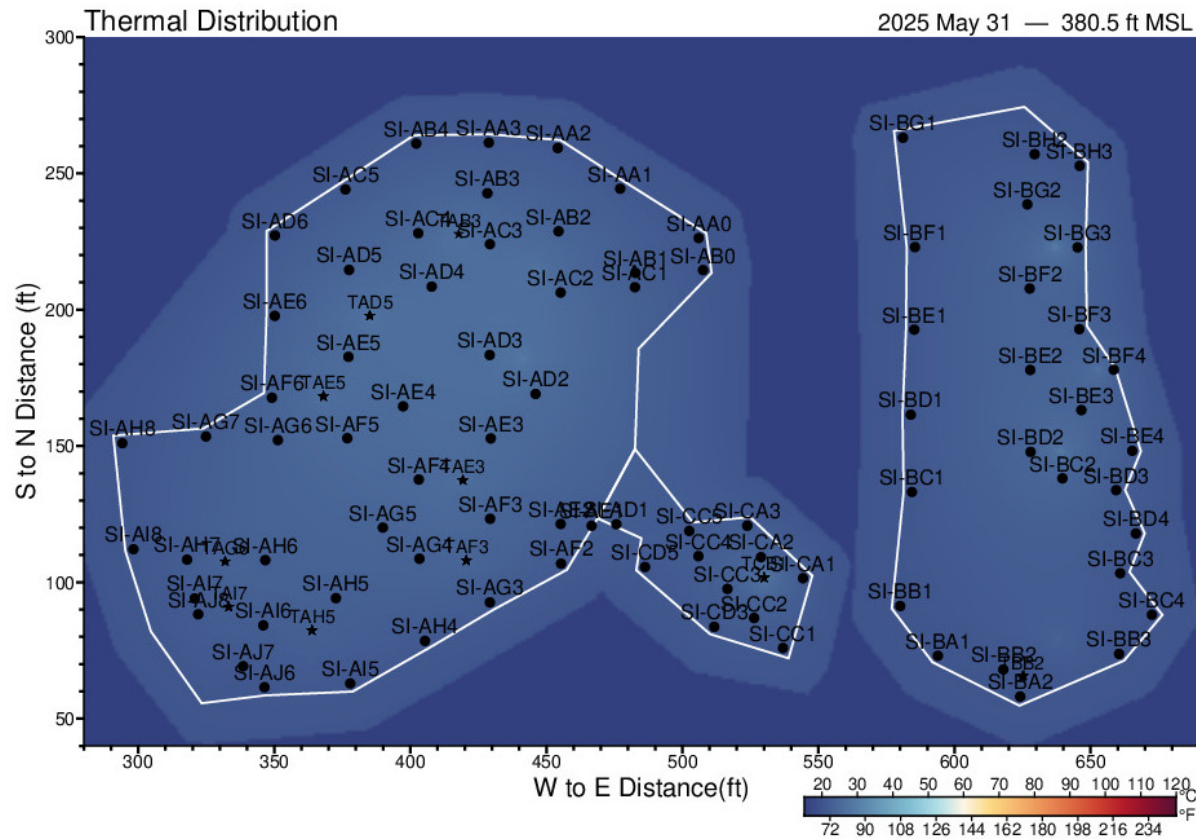
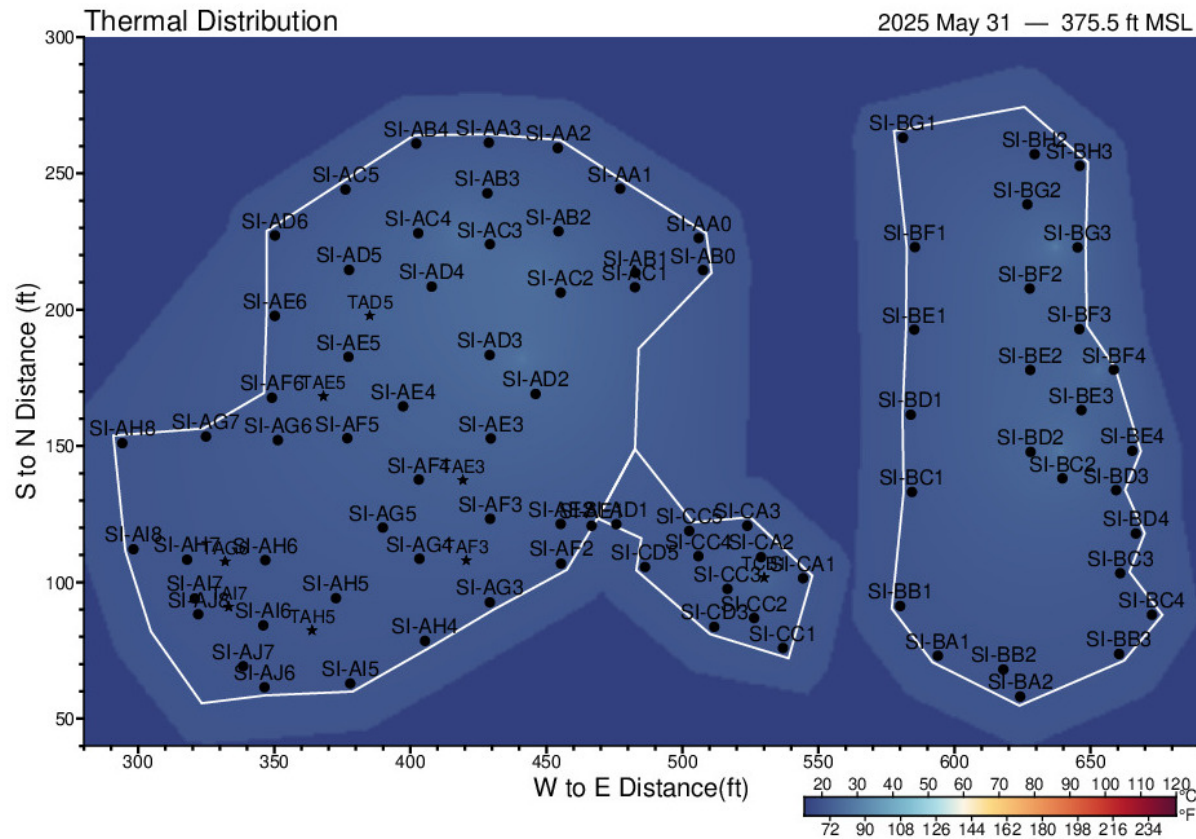


Figure 12: Temperature cross-section (380.5 ft MSL)



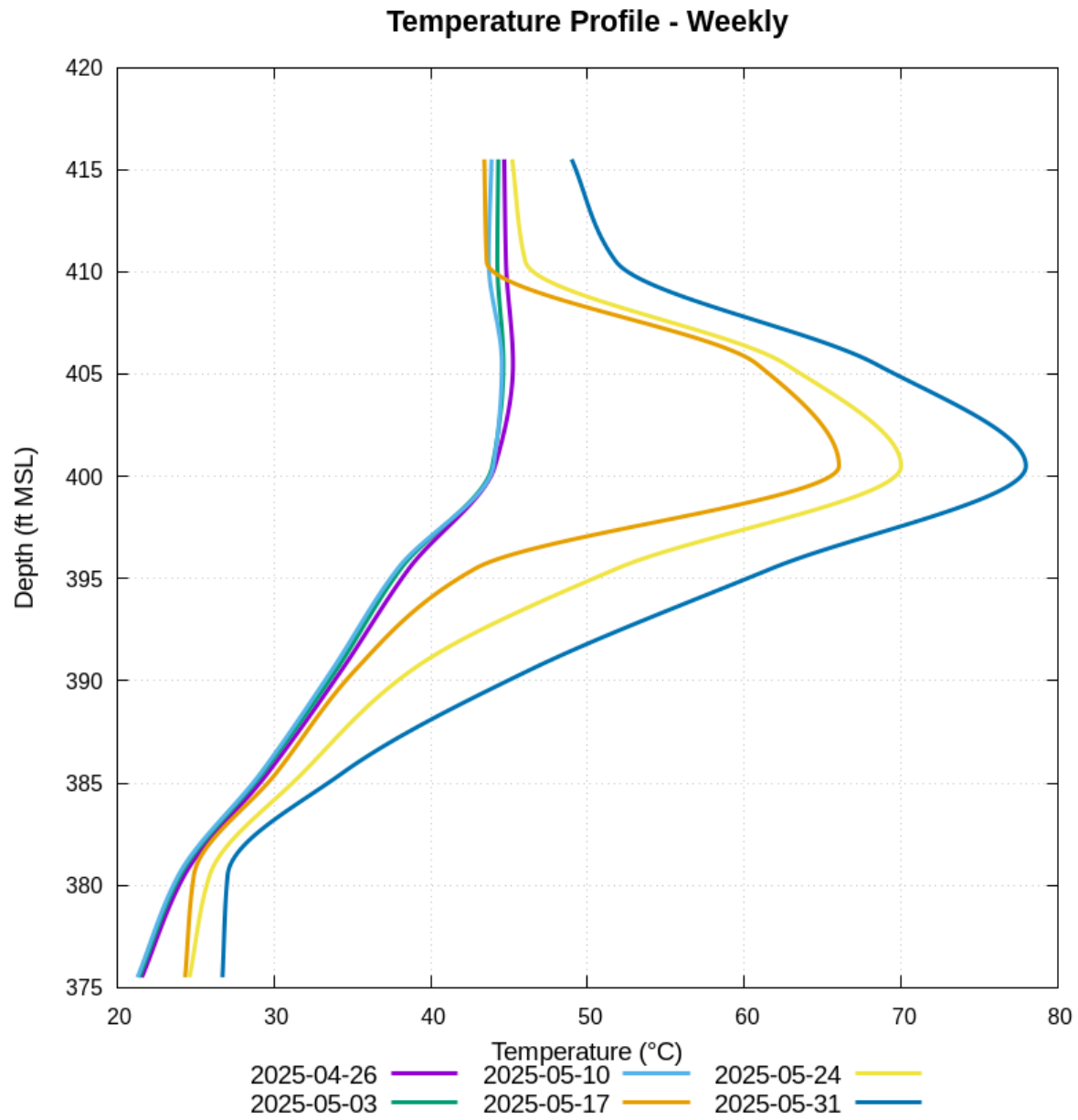


Figure 14: Weekly temperature elevation profile through time

Mass Removal

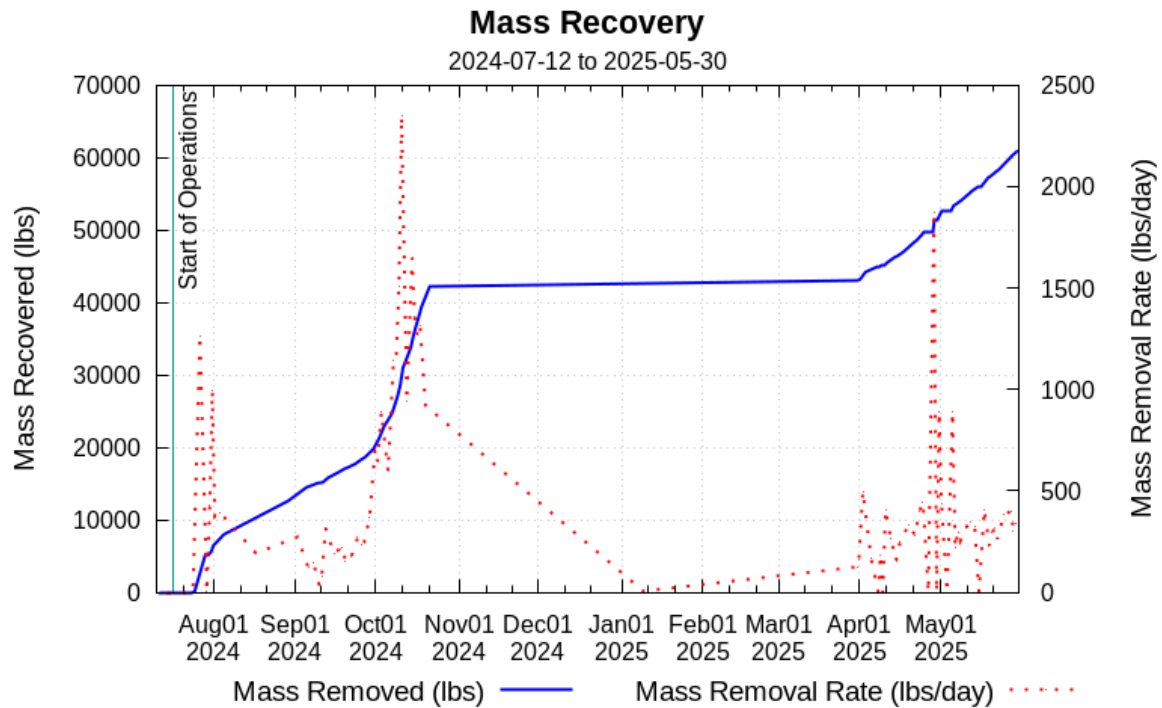


Figure 15: Contaminant mass recovery (all sources)

Location	Sample ID	Sample Date	Benzene			Butane			Ethanol			Ethylbenzene			4-Ethyltoluene		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
SEE AIR STRIPPER	PWY-SEE-AirStripper-MC2-080624	8/6/2024	3800			< 9.9	U		< 9.8	U		5.4			2.3	J	
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-090524	9/5/2024	1700			< 5.5	U		< 5.4	U		4			0.81	J	
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-092524	9/25/2024	270			0.4	J		< 0.8	U		0.98			0.18	J	
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-100824	10/8/2024	460			0.45	J		< 1.7	U		2.3			1.4		
SEE AIR STRIPPER	PWY-SEE-AIRSTRIPPER-MC2-050625	5/6/2025	13			0.24			< 0.091	U		0.2			0.12		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-052025	5/20/2025	450			< 2.0	U		340			0.3	J		0.99	J	
SEE MPE WELLS	PWY-SEE-MPEWells-MC2-080624	8/6/2024	6200			140			< 21	U		27			12	CN	
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-090524	9/5/2024	1500			100			< 5.3	U		80			22		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-092524	9/25/2024	780			89			< 9.8	U		22			6.3		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-100824	10/8/2024	6800			130			< 20	U		20			2.2	J	
SEE MPE WELLS	PWY-SEE-MPEWELLS-MC2-050625	5/6/2025	1000			89			< 4.6	U		38			15		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-052025	5/20/2025	1900			150			6.3			51			21		
SEE COMBINED	PWY-SEE-Combined-070224	7/2/2024	1200			79			< 10	U		7.2			2.6	J	
SEE COMBINED	PWY-SEE-Combined-080624	8/6/2024	6900			150			< 10	U		31			13	CN	J
SEE COMBINED	PWY-SEE-Combined-MC2-080624	8/6/2024	7000			130			< 21	U		25			11	J	
SEE COMBINED	PWY-SEE-Combined-Mc2-090524	9/5/2024	1600			99			< 5.3	U		72			22		
SEE COMBINED	PWY-SEE-Combined-091124	9/11/2024	780			68			< 5.2	U		33			6.4		
SEE COMBINED	PWY-SEE-Combined-Mc2-092524	9/25/2024	630			73			< 9.8	U		18			4.8	J	
SEE COMBINED	PWY-SEE-Combined-100224	10/2/2024	6000			140			< 19	U		29			7.1	J	
SEE COMBINED	PWY-SEE-Combined-Mc2-100824	10/8/2024	6000			130			< 20	U		18			1.6	J	
SEE COMBINED	PWY-SEE-Combined-040425	4/4/2025	900			69			< 9.1	U		20			4.6	J	
SEE COMBINED	PWY-SEE-Combined-050625	5/6/2025	650			66			< 20	U		12			8.2	J	
SEE COMBINED	PWY-SEE-Combined-MC2-050625	5/6/2025	860			80			< 4.8	U		32			11		
SEE COMBINED	PWY-SEE-Combined-MC2-052025	5/20/2025	1500			110			2.3	J		45			20		

Location	Sample ID	Sample Date	Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
SEE AIR STRIPPER	PWY-SEE-AirStripper-MC2-080624	8/6/2024	< 4.3	U		< 3.7	U		< 12	U		< 13	U		< 7.1	U	
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-090524	9/5/2024	< 2.4	U		< 2	U		< 6.8	U		< 7.1	U		1.2	J	
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-092524	9/25/2024	< 0.35	U		< 0.3	U		0.24	J		< 1	U		< 0.58	U	
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-100824	10/8/2024	0.46	J		0.75			1.4	J		< 2.2	U		< 1.2	U	
SEE AIR STRIPPER	PWY-SEE-AIRSTRIPPER-MC2-050625	5/6/2025	0.16			0.32			0.78			< 0.12	U		0.013	J	
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-052025	5/20/2025	< 0.86	U		< 0.74	U		< 2.5	U		< 2.6	U		< 1.4	U	
SEE MPE WELLS	PWY-SEE-MPEWells-MC2-080624	8/6/2024	61			140			330			< 27	U		< 15	U	
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-090524	9/5/2024	110			170			330			< 6.9	U		< 3.8	U	
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-092524	9/25/2024	31			90			280			< 13	U		< 7	U	
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-100824	10/8/2024	48			120			320			< 26	U		< 15	U	
SEE MPE WELLS	PWY-SEE-MPEWELLS-MC2-050625	5/6/2025	42			83			290			< 6.1	U		< 3.4	U	
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-052025	5/20/2025	49			95			400			< 7.9	U		< 4.4	U	
SEE COMBINED	PWY-SEE-Combined-070224	7/2/2024	51			170			320			< 13	U		< 7.2	U	
SEE COMBINED	PWY-SEE-Combined-080624	8/6/2024	67			150			350			< 14	U		< 7.6	U	
SEE COMBINED	PWY-SEE-Combined-MC2-080624	8/6/2024	53			120			290			< 28	U		< 15	U	
SEE COMBINED	PWY-SEE-Combined-Mc2-090524	9/5/2024	100			160			300			< 6.9	U		< 3.8	U	
SEE COMBINED	PWY-SEE-Combined-091124	9/11/2024	48			89			200			< 6.8	U		< 3.7	U	
SEE COMBINED	PWY-SEE-Combined-Mc2-092524	9/25/2024	25			72			220			< 13	U		< 7	U	
SEE COMBINED	PWY-SEE-Combined-100224	10/2/2024	41			110			300			5.3	J		< 14	U	
SEE COMBINED	PWY-SEE-Combined-Mc2-100824	10/8/2024	44			100			290			< 26	U		< 14	U	
SEE COMBINED	PWY-SEE-Combined-040425	4/4/2025	45			100			250			< 12	U		< 6.6	U	
SEE COMBINED	PWY-SEE-Combined-050625	5/6/2025	22			51			190			< 26	U		< 14	U	
SEE COMBINED	PWY-SEE-Combined-MC2-050625	5/6/2025	34			69			230			< 6.2	U		< 3.4	U	
SEE COMBINED	PWY-SEE-Combined-MC2-052025	5/20/2025	38			76			310			< 7.9	U		< 4.3	U	

Location	Sample ID	Sample Date	1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
SEE AIR STRIPPER	PWY-SEE-AirStripper-MC2-080624	8/6/2024	3.9	J		1.2	J		2	J		16			2.8	J	
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-090524	9/5/2024	2.5	J		0.87	J		0.32	J		10			2	J	
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-092524	9/25/2024	0.85			0.23	J		0.21	J		2.6			0.58		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-100824	10/8/2024	6.4			1.8			1.3			7.1			0.99		
SEE AIR STRIPPER	PWY-SEE-AIRSTRIPPER-MC2-050625	5/6/2025	0.4			0.12			0.93			0.54			0.092		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-052025	5/20/2025	2.1			0.92	J		< 0.98	U		5.3			2		
SEE MPE WELLS	PWY-SEE-MPEWells-MC2-080624	8/6/2024	14			5.2	J		310			69			6.6	J	
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-090524	9/5/2024	73			26			450			250			15		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-092524	9/25/2024	15			5.8			200			66			3.2	J	
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-100824	10/8/2024	3.3	J		2.3	J		220			43			4.4	J	
SEE MPE WELLS	PWY-SEE-MPEWELLS-MC2-050625	5/6/2025	36			11			240			96			9.9		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-052025	5/20/2025	55			17			300			120			11		
SEE COMBINED	PWY-SEE-Combined-070224	7/2/2024	2.5	J		1.2	J		230			17			2	J	
SEE COMBINED	PWY-SEE-Combined-080624	8/6/2024	17			6.1			320			74			5.9		
SEE COMBINED	PWY-SEE-Combined-MC2-080624	8/6/2024	12			5	J		270			56			5.7	J	
SEE COMBINED	PWY-SEE-Combined-Mc2-090524	9/5/2024	71			25			410			220			14		
SEE COMBINED	PWY-SEE-Combined-091124	9/11/2024	14			5.1			210			88			4		
SEE COMBINED	PWY-SEE-Combined-Mc2-092524	9/25/2024	10			4.4	J		160			50			2.3	J	
SEE COMBINED	PWY-SEE-Combined-100224	10/2/2024	25			10			200			74			5.6	J	
SEE COMBINED	PWY-SEE-Combined-Mc2-100824	10/8/2024	2.8	J		< 10	U		200			35			3.1	J	
SEE COMBINED	PWY-SEE-Combined-040425	4/4/2025	8.4			3.7	J		230			58			3.8	J	
SEE COMBINED	PWY-SEE-Combined-050625	5/6/2025	7.1	J		< 10	U		150			28			< 9.3	U	
SEE COMBINED	PWY-SEE-Combined-MC2-050625	5/6/2025	26			8.2			200			75			7.5		
SEE COMBINED	PWY-SEE-Combined-MC2-052025	5/20/2025	56			17			240			100			11		

Location	Sample ID	Sample Date	TPH (C2-C10)			Butane			Isopentane			C6+			Carbon Dioxide		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SEE AIR STRIPPER	PWY-SEE-AirStripper-MC2-080624	8/6/2024	--			--			--			--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-090524	9/5/2024	--			--			--			--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-092524	9/25/2024	--			--			--			--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-100824	10/8/2024	--			--			--			--			--		
SEE AIR STRIPPER	PWY-SEE-AIRSTRIPPER-MC2-050625	5/6/2025	--			--			--			--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-052025	5/20/2025	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-MC2-080624	8/6/2024	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-090524	9/5/2024	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-092524	9/25/2024	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-100824	10/8/2024	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWELLS-MC2-050625	5/6/2025	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-052025	5/20/2025	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-070224	7/2/2024	7600			0.0045			0.012			0.071			2.1		
SEE COMBINED	PWY-SEE-Combined-080624	8/6/2024	23000			0.0078			0.014			0.11			2.8		
SEE COMBINED	PWY-SEE-Combined-MC2-080624	8/6/2024	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-Mc2-090524	9/5/2024	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-091124	9/11/2024	5200			0.0037			0.0095			0.084			2.0		
SEE COMBINED	PWY-SEE-Combined-Mc2-092524	9/25/2024	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-100224	10/2/2024	16000			0.0078			0.013			0.10			2.3		
SEE COMBINED	PWY-SEE-Combined-Mc2-100824	10/8/2024	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-040425	4/4/2025	5000			0.0042			0.010			0.089			2.0		
SEE COMBINED	PWY-SEE-Combined-050625	5/6/2025	3200			0.0038			0.0082			0.055			1.6		
SEE COMBINED	PWY-SEE-Combined-MC2-050625	5/6/2025	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-MC2-052025	5/20/2025	--			--			--			--			--		

Location	Sample ID	Sample Date	Ethane			Isobutane			Methane			Neopentane			Nitrogen		
			Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SEE AIR STRIPPER	PWY-SEE-AirStripper-MC2-080624	8/6/2024	--			--			--			--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-090524	9/5/2024	--			--			--			--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-092524	9/25/2024	--			--			--			--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-100824	10/8/2024	--			--			--			--			--		
SEE AIR STRIPPER	PWY-SEE-AIRSTRIPPER-MC2-050625	5/6/2025	--			--			--			--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-052025	5/20/2025	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-MC2-080624	8/6/2024	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-090524	9/5/2024	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-092524	9/25/2024	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-100824	10/8/2024	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWELLS-MC2-050625	5/6/2025	--			--			--			--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-052025	5/20/2025	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-070224	7/2/2024	0.00012	J		0.00038	J		0.94			< 0.0021	U		78		
SEE COMBINED	PWY-SEE-Combined-080624	8/6/2024	0.00015	J		0.00070	J		0.99			< 0.0022	U		78		
SEE COMBINED	PWY-SEE-Combined-MC2-080624	8/6/2024	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-Mc2-090524	9/5/2024	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-091124	9/11/2024	0.000063	J		0.00038	J		0.78			< 0.0022	U		78		
SEE COMBINED	PWY-SEE-Combined-Mc2-092524	9/25/2024	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-100224	10/2/2024	0.000092	J		0.00070	J		0.96			0.000046	J		78		
SEE COMBINED	PWY-SEE-Combined-Mc2-100824	10/8/2024	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-040425	4/4/2025	0.000098	J		0.00039	J		1.1			< 0.0019	U		78		
SEE COMBINED	PWY-SEE-Combined-050625	5/6/2025	0.00014	J		0.00039	J		0.80			< 0.0021	U		78		
SEE COMBINED	PWY-SEE-Combined-MC2-050625	5/6/2025	--			--			--			--			--		
SEE COMBINED	PWY-SEE-Combined-MC2-052025	5/20/2025	--			--			--			--			--		

ATTACHMENT B
SEE SYSTEM VAPOR ANALYTICAL SAMPLE RESULTS

Location	Sample ID	Sample Date	Oxygen			Pentane		
			Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SEE AIR STRIPPER	PWY-SEE-AirStripper-MC2-080624	8/6/2024	--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-090524	9/5/2024	--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-092524	9/25/2024	--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-100824	10/8/2024	--			--		
SEE AIR STRIPPER	PWY-SEE-AIRSTRIPPER-MC2-050625	5/6/2025	--			--		
SEE AIR STRIPPER	PWY-SEE-AirStripper-Mc2-052025	5/20/2025	--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-MC2-080624	8/6/2024	--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-090524	9/5/2024	--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-092524	9/25/2024	--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-100824	10/8/2024	--			--		
SEE MPE WELLS	PWY-SEE-MPEWELLS-MC2-050625	5/6/2025	--			--		
SEE MPE WELLS	PWY-SEE-MPEWells-Mc2-052025	5/20/2025	--			--		
SEE COMBINED	PWY-SEE-Combined-070224	7/2/2024	19			0.0091		
SEE COMBINED	PWY-SEE-Combined-080624	8/6/2024	18			0.0090		
SEE COMBINED	PWY-SEE-Combined-MC2-080624	8/6/2024	--			--		
SEE COMBINED	PWY-SEE-Combined-Mc2-090524	9/5/2024	--			--		
SEE COMBINED	PWY-SEE-Combined-091124	9/11/2024	19			0.0058		
SEE COMBINED	PWY-SEE-Combined-Mc2-092524	9/25/2024	--			--		
SEE COMBINED	PWY-SEE-Combined-100224	10/2/2024	19			0.0077		
SEE COMBINED	PWY-SEE-Combined-Mc2-100824	10/8/2024	--			--		
SEE COMBINED	PWY-SEE-Combined-040425	4/4/2025	19			0.0055		
SEE COMBINED	PWY-SEE-Combined-050625	5/6/2025	19			0.0040		
SEE COMBINED	PWY-SEE-Combined-MC2-050625	5/6/2025	--			--		
SEE COMBINED	PWY-SEE-Combined-MC2-052025	5/20/2025	--			--		

Notes:
Analytes shown were detected in at least one SEE system vapor sample since operation began in 2024.
Bold results are detections above the reporting limit (RL), or estimated detections between the method detection limit (MDL) and RL.
< #.## Gray text indicates the analyte was not detected above the given reporting limit.

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 Empty cell without a value indicates chemical was not analyzed.
Samples collected by AECOM were analyzed using analyte lists and methods TO-15, ASTM D-1945, and TO-3. Samples collected by McMillan-McGee (Mc2) were analyzed for TO-15.
Analytical results for samples collected by Mc2 are not validated by an AECOM chemist.
Analytical results for samples collected by AECOM during the reporting period of this progress report are PRELIMINARY and have not yet been validated by a chemist at the time of submittal.

The SEE system was shut down from October 21, 2024 to March 28, 2025.

Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL
CN = Indicates potential high bias due to use of a Tedlar® bag for off-line dilution

AECOM Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination

SEE LAST PAGE OF TABLE FOR NOTES

ATTACHMENT C
SVP FIELD-SCREENED TEDLAR® BAG RESULTS

Location	Sample Date	Sample Time (24-Hour)	Vacuum/ Pressure Reading (Inches of H ₂ O)	Fixed Gases				Soil Vapor Concentrations				Comments
				CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVP-01-10	5/1/2025	0950	-0.92	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-01-10	5/1/2025	0950	NM	0.0	0	0.2	20.8	0.0	0.0	0.0	0	Duplicate sample.
SVP-01-10	5/6/2025	1140	-0.62	0.0	0	0.1	20.9	0.0	0.0	0.0	0	
SVP-01-10	5/16/2025	1130	-0.64	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-01-10	5/22/2025	1030	-0.67	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-01-10	5/27/2025	1140	-0.49	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-01-10	5/30/2025	1115	-0.63	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-01-20	5/1/2025	0951	-0.64	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-01-20	5/6/2025	1141	-0.23	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-01-20	5/16/2025	1131	-0.30	0.0	0	0.2	20.7	0.0	0.0	0.0	0	
SVP-01-20	5/22/2025	1031	-0.24	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-01-20	5/27/2025	1141	-0.77	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-01-20	5/30/2025	1116	-0.57	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-01-30	5/1/2025	0952	-0.99	0.0	0	0.2	20.7	0.0	0.0	0.0	0	
SVP-01-30	5/6/2025	1142	-0.90	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-01-30	5/16/2025	1132	-0.81	0.0	0	0.3	20.4	0.0	0.0	0.0	0	
SVP-01-30	5/22/2025	1032	-1.08	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-01-30	5/27/2025	1142	-0.89	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-01-30	5/27/2025	1142	NM	0.0	0	0.4	20.6	0.0	0.0	0.0	0	Duplicate sample.
SVP-01-30	5/30/2025	1117	-0.92	0.0	0	0.3	20.6	0.7	0.4	0.4	0	
SVP-02-10	5/1/2025	0940	0.00	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-02-10	5/6/2025	1130	-0.58	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-02-10	5/16/2025	1120	-0.60	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-02-10	5/22/2025	1020	-0.72	0.0	0	0.4	20.8	0.0	0.0	0.0	0	
SVP-02-10	5/27/2025	1151	-1.32	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-02-10	5/30/2025	1110	-0.58	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-02-20	5/1/2025	0941	-2.14	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-02-20	5/6/2025	1131	-0.58	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-02-20	5/16/2025	1121	-0.65	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-02-20	5/22/2025	1021	-0.71	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-02-20	5/27/2025	1152	-0.44	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-02-20	5/27/2025	1152	NM	0.0	0	0.2	20.9	0.0	0.0	0.0	0	Duplicate sample.
SVP-02-20	5/30/2025	1111	-1.10	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-02-30	5/1/2025	0942	-2.35	0.0	0	0.2	20.7	0.0	0.0	0.0	0	
SVP-02-30	5/6/2025	1132	-1.82	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-02-30	5/16/2025	1122	-1.68	0.0	0	0.3	20.7	0.0	3.2	2.6	0.6	
SVP-02-30	5/22/2025	1022	-2.10	0.0	0	0.3	20.7	0.0	1.5	1.0	0.5	
SVP-02-30	5/27/2025	1153	-1.68	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-02-30	5/30/2025	1112	-2.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0	

SEE LAST PAGE OF TABLE FOR NOTES

ATTACHMENT C
SVP FIELD-SCREENED TEDLAR® BAG RESULTS

Location	Sample Date	Sample Time (24-Hour)	Vacuum/ Pressure Reading (Inches of H ₂ O)	Fixed Gases				Soil Vapor Concentrations				Comments
				CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVP-03-10	5/1/2025	0930	-1.79	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-03-10	5/6/2025	1120	-1.29	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-03-10	5/16/2025	1110	-1.24	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-03-10	5/22/2025	1010	-1.72	0.0	0	0.3	20.9	0.0	0.0	0.0	0	
SVP-03-10	5/25/2025	1100	-1.23	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-03-10	5/27/2025	1207	-1.21	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-03-10	5/27/2025	1207	NM	0.0	0	0.2	20.9	0.0	0.0	0.0	0	Duplicate sample.
SVP-03-20	5/1/2025	0931	-2.83	0.0	0	0.3	20.6	0.0	0.0	0.0	0	
SVP-03-20	5/6/2025	1121	-1.72	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-03-20	5/16/2025	1111	-2.50	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-03-20	5/22/2025	1011	-2.62	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-03-20	5/27/2025	1208	-2.63	0.0	0	0.3	20.9	0.0	0.0	0.0	0	
SVP-03-20	5/30/2025	1101	-2.53	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-03-30	5/1/2025	0932	-3.14	0.0	0	0.3	20.5	0.0	0.0	0.0	0	
SVP-03-30	5/6/2025	1122	-2.72	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-03-30	5/16/2025	1112	-2.72	0.0	0	0.5	20.5	0.0	0.0	0.0	0	
SVP-03-30	5/22/2025	1012	-3.04	0.0	0	0.4	20.5	0.0	0.0	0.0	0	
SVP-03-30	5/27/2025	1209	-3.02	0.0	0	0.5	20.6	0.0	0.0	0.0	0	
SVP-03-30	5/30/2025	1102	-2.88	0.0	0	0.5	20.5	0.0	0.0	0.0	0	
SVP-04-10	5/1/2025	0920	-0.94	0.0	0	0.1	20.8	0.0	0.0	0.0	0	
SVP-04-10	5/6/2025	1110	-3.04	0.0	0	0.1	20.7	0.0	0.0	0.0	0	
SVP-04-10	5/16/2025	1100	-0.63	0.0	0	0.2	20.6	0.0	0.0	0.0	0	
SVP-04-10	5/16/2025	1100	NM	0.0	0	0.2	20.6	0.0	0.0	0.0	0	Duplicate sample.
SVP-04-10	5/22/2025	1000	-0.63	0.0	0	0.1	20.9	0.0	0.0	0.0	0	
SVP-04-10	5/27/2025	1213	-0.50	0.0	0	0.1	20.6	0.0	0.0	0.0	0	
SVP-04-10	5/30/2025	1055	-0.54	0.0	0	0.1	20.4	0.0	0.0	0.0	0	
SVP-04-20	5/1/2025	0921	-3.59	0.0	0	0.4	20.4	0.0	0.0	0.0	0	
SVP-04-20	5/6/2025	1111	-3.33	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-04-20	5/16/2025	1101	-3.91	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-04-20	5/22/2025	1001	-2.45	0.0	0	0.5	20.6	0.0	0.0	0.0	0	
SVP-04-20	5/27/2025	1214	-3.94	0.0	0	0.6	20.5	0.0	0.0	0.0	0	
SVP-04-20	5/30/2025	1056	-3.91	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-04-30	5/1/2025	0922	-3.34	0.0	0	0.7	20.0	0.0	0.0	0.0	0	
SVP-04-30	5/6/2025	1112	-3.28	0.0	0	0.7	19.9	0.0	0.0	0.0	0	
SVP-04-30	5/16/2025	1102	-3.42	0.0	0	0.6	20.3	0.0	0.0	0.0	0	
SVP-04-30	5/22/2025	1002	-2.68	0.0	0	0.5	20.5	0.0	0.0	0.0	0	
SVP-04-30	5/27/2025	1215	-3.97	0.0	0	0.6	20.5	0.0	0.0	0.0	0	
SVP-04-30	5/30/2025	1057	-3.89	0.0	0	0.5	20.4	0.0	0.0	0.0	0	

SEE LAST PAGE OF TABLE FOR NOTES

ATTACHMENT C
SVP FIELD-SCREENED TEDLAR® BAG RESULTS

Location	Sample Date	Sample Time (24-Hour)	Vacuum/ Pressure Reading (Inches of H ₂ O)	Fixed Gases				Soil Vapor Concentrations				Comments
				CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVP-05-10	5/1/2025	0910	-0.78	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-05-10	5/6/2025	1100	-0.56	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-05-10	5/6/2025	1100	NM	0.0	0	0.2	20.9	0.0	0.0	0.0	0	Duplicate sample.
SVP-05-10	5/16/2025	1050	-0.83	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-05-10	5/22/2025	0950	-0.81	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-05-10	5/27/2025	1218	-0.63	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-05-10	5/30/2025	1045	-0.59	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-05-20	5/1/2025	0911	-3.03	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-05-20	5/6/2025	1101	-2.79	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-05-20	5/16/2025	1051	-2.10	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-05-20	5/22/2025	0951	-4.31	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-05-20	5/27/2025	1219	-4.01	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-05-20	5/30/2025	1046	-3.99	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-05-30	5/1/2025	0912	-3.01	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-05-30	5/6/2025	1102	-2.78	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-05-30	5/16/2025	1052	-3.98	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-05-30	5/22/2025	0952	-4.24	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-05-30	5/27/2025	1220	-3.93	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-05-30	5/30/2025	1047	-3.97	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-06-10	5/1/2025	0900	-0.41	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-06-10	5/6/2025	1050	-0.28	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-06-10	5/16/2025	1040	-0.42	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-06-10	5/22/2025	0942	-0.44	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-06-10	5/27/2025	1223	-0.26	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-06-10	5/30/2025	1010	-0.35	0.0	0	0.1	20.9	0.0	0.0	0.0	0	
SVP-06-20	5/1/2025	0901	-2.55	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-06-20	5/6/2025	1051	-2.67	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-06-20	5/16/2025	1041	-4.69	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-06-20	5/22/2025	0941	-5.00	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-06-20	5/27/2025	1224	-4.80	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-06-20	5/30/2025	1011	-4.83	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-06-30	5/1/2025	0902	-2.55	0.0	0	0.3	20.6	0.0	0.0	0.0	0	
SVP-06-30	5/6/2025	1052	-2.18	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-06-30	5/16/2025	1042	-4.78	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-06-30	5/22/2025	0942	-4.65	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-06-30	5/27/2025	1225	-4.91	0.0	0	0.5	20.6	0.0	0.0	0.0	0	
SVP-06-30	5/30/2025	1012	-5.02	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-07-10	5/1/2025	0850	-2.29	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-07-10	5/6/2025	1040	-1.80	0.0	0	0.4	20.8	0.0	0.0	0.0	0	
SVP-07-10	5/16/2025	1030	-2.44	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-07-10	5/22/2025	0930	-2.67	0.0	0	0.3	20.9	0.0	0.0	0.0	0	
SVP-07-10	5/27/2025	1227	-2.58	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-07-10	5/30/2025	1000	-2.39	0.0	0	0.2	20.8	0.0	0.0	0.0	0	

SEE LAST PAGE OF TABLE FOR NOTES

ATTACHMENT C
SVP FIELD-SCREENED TEDLAR® BAG RESULTS

Location	Sample Date	Sample Time (24-Hour)	Vacuum/ Pressure Reading (Inches of H ₂ O)	Fixed Gases				Soil Vapor Concentrations				Comments
				CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVP-07-20	5/1/2025	0851	-2.35	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-07-20	5/6/2025	1041	-1.62	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-07-20	5/16/2025	1031	-2.58	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-07-20	5/22/2025	0931	-2.76	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-07-20	5/27/2025	1228	-2.36	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-07-20	5/30/2025	1001	-2.54	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-07-30	5/1/2025	0852	-4.65	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-07-30	5/6/2025	1042	-3.62	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-07-30	5/16/2025	1032	-5.45	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-07-30	5/22/2025	0932	-5.85	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-07-30	5/27/2025	1229	-5.43	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-07-30	5/30/2025	1002	-5.66	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-08-10	5/1/2025	1130	-0.61	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-08-10	5/6/2025	1250	-0.55	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-08-10	5/16/2025	1250	-0.46	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-08-10	5/22/2025	1240	-0.47	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-08-10	5/27/2025	1341	-0.24	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-08-10	5/30/2025	0955	-0.49	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-08-20	5/1/2025	1131	-0.62	0.0	0	0.5	20.5	0.0	0.0	0.0	0	
SVP-08-20	5/6/2025	1251	-0.58	0.0	0	0.6	20.5	0.0	0.0	0.0	0	
SVP-08-20	5/6/2025	1251	NM	0.0	0	0.6	20.5	0.0	0.0	0.0	0	Duplicate sample.
SVP-08-20	5/16/2025	1251	-0.51	0.0	0	0.6	20.4	0.0	0.0	0.0	0	
SVP-08-20	5/22/2025	1241	-0.44	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-08-20	5/22/2025	1241	NM	0.0	0	0.6	20.4	0.0	0.0	0.0	0	Duplicate sample.
SVP-08-20	5/27/2025	1312	-0.32	0.0	0	0.7	20.4	0.0	0.0	0.0	0	
SVP-08-20	5/30/2025	0956	-0.50	0.0	0	0.6	20.4	0.0	0.0	0.0	0	
SVP-08-30	5/1/2025	1132	-1.09	0.0	0	0.5	20.5	0.5	0.0	0.0	0	
SVP-08-30	5/1/2025	1132	NM	0.0	0	0.5	20.5	0.4	0.0	0.0	0	Duplicate sample.
SVP-08-30	5/6/2025	1252	-0.98	0.0	0	0.5	20.5	0.0	0.0	0.0	0	
SVP-08-30	5/16/2025	1252	-0.51	0.0	0	0.6	20.4	0.0	2.6	2.4	0.2	
SVP-08-30	5/22/2025	1242	-0.55	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-08-30	5/27/2025	1343	-0.55	0.0	0	0.6	20.2	0.0	0.0	0.0	0	
SVP-08-30	5/30/2025	0957	-0.51	0.0	0	0.6	20.3	0.0	0.0	0.0	0	
SVP-09-10	5/1/2025	1120	-0.98	0.0	0	0.5	20.6	0.0	0.0	0.0	0	
SVP-09-10	5/6/2025	1240	-0.74	0.0	0	0.5	20.5	0.0	0.0	0.0	0	
SVP-09-10	5/16/2025	1240	-0.81	0.0	0	0.5	20.3	0.0	0.0	0.0	0	
SVP-09-10	5/22/2025	1230	-0.83	0.0	0	0.5	20.5	0.0	0.0	0.0	0	
SVP-09-10	5/27/2025	1337	-0.39	0.0	0	0.6	20.5	0.0	0.0	0.0	0	
SVP-09-10	5/30/2025	0950	-0.74	0.0	0	0.5	20.5	0.0	0.0	0.0	0	

SEE LAST PAGE OF TABLE FOR NOTES

ATTACHMENT C
SVP FIELD-SCREENED TEDLAR® BAG RESULTS

Location	Sample Date	Sample Time (24-Hour)	Vacuum/ Pressure Reading (Inches of H ₂ O)	Fixed Gases				Soil Vapor Concentrations				Comments
				CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVP-09-20	5/1/2025	1121	-0.91	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-09-20	5/6/2025	1241	-0.82	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-09-20	5/16/2025	1241	-0.84	0.0	0	0.6	20.2	0.0	0.0	0.0	0	
SVP-09-20	5/16/2025	1241	NM	0.0	0	0.6	20.2	0.0	0.0	0.0	0	Duplicate sample.
SVP-09-20	5/22/2025	1231	-0.85	0.0	0	0.6	20.4	0.0	0.0	0.0	0	
SVP-09-20	5/27/2025	1338	-0.41	0.0	0	0.7	20.3	0.0	0.0	0.0	0	
SVP-09-20	5/30/2025	0951	-0.76	0.0	0	0.7	20.3	0.0	0.0	0.0	0	
SVP-09-30	5/1/2025	1122	-0.94	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-09-30	5/6/2025	1242	-0.85	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-09-30	5/16/2025	1242	-0.83	0.0	0	0.5	20.3	0.0	0.0	0.0	0	
SVP-09-30	5/22/2025	1232	-0.89	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-09-30	5/27/2025	1339	-0.38	0.0	0	0.5	20.2	0.0	0.0	0.0	0	
SVP-09-30	5/30/2025	0952	-0.81	0.0	0	0.5	20.3	0.0	0.0	0.0	0	
SVP-10-10	5/1/2025	1100	-0.89	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-10-10	5/6/2025	1230	-0.77	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-10-10	5/6/2025	1230	NM	0.0	0	0.4	20.7	0.0	0.0	0.0	0	Duplicate sample.
SVP-10-10	5/16/2025	1230	-0.85	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-10-10	5/22/2025	1220	-0.93	0.0	0	0.5	20.6	0.0	0.0	0.0	0	
SVP-10-10	5/27/2025	1331	-0.51	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-10-10	5/30/2025	0945	-0.80	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-10-20	5/1/2025	1101	-1.09	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-10-20	5/6/2025	1231	-1.11	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-10-20	5/16/2025	1231	-1.25	0.0	0	0.5	20.1	0.0	0.0	0.0	0	
SVP-10-20	5/22/2025	1221	-1.77	0.0	0	0.5	20.3	0.0	0.0	0.0	0	
SVP-10-20	5/27/2025	1332	-0.66	0.0	0	0.6	20.1	0.0	0.0	0.0	0	
SVP-10-20	5/30/2025	0946	-1.20	0.0	0	0.6	20.2	0.0	0.0	0.0	0	
SVP-10-30	5/1/2025	1102	-1.45	0.0	0	1.0	19.8	0.0	0.0	0.0	0	
SVP-10-30	5/6/2025	1232	-1.20	0.0	0	1.0	19.9	0.0	0.0	0.0	0	
SVP-10-30	5/16/2025	1232	-1.18	0.0	0	0.9	19.7	0.0	0.0	0.0	0	
SVP-10-30	5/22/2025	1222	-2.05	0.0	0	0.8	19.9	0.0	0.0	0.0	0	
SVP-10-30	5/27/2025	1333	-0.44	0.0	0	0.8	19.8	0.0	0.0	0.0	0	
SVP-10-30	5/30/2025	0947	-1.30	0.0	0	0.8	19.9	0.0	0.0	0.0	0	
SVP-11-10	5/1/2025	1050	-0.49	0.0	0	0.7	20.1	0.0	0.0	0.0	0	
SVP-11-10	5/9/2025	1220	-0.83	0.0	0	0.8	20.3	0.0	0.0	0.0	0	
SVP-11-10	5/16/2025	1225	-0.72	0.0	0	0.8	20.1	0.0	0.0	0.0	0	
SVP-11-10	5/22/2025	1140	-0.82	0.0	0	0.8	20.2	0.0	0.0	0.0	0	
SVP-11-10	5/22/2025	1140	NM	0.0	0	0.8	20.2	0.0	0.0	0.0	0	Duplicate sample.
SVP-11-10	5/27/2025	1324	-0.40	0.0	0	0.8	20.2	0.0	0.0	0.0	0	
SVP-11-10	5/30/2025	0935	-0.93	0.0	0	0.7	20.3	0.0	0.0	0.0	0	

SEE LAST PAGE OF TABLE FOR NOTES

ATTACHMENT C
SVP FIELD-SCREENED TEDLAR® BAG RESULTS

Location	Sample Date	Sample Time (24-Hour)	Vacuum/ Pressure Reading (Inches of H ₂ O)	Fixed Gases				Soil Vapor Concentrations				Comments
				CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVP-11-20	5/1/2025	1051	-2.40	0.0	0	0.7	20.0	0.0	0.0	0.0	0	
SVP-11-20	5/1/2025	1051	NM	0.0	0	0.7	20.0	0.0	0.0	0.0	0	Duplicate sample.
SVP-11-20	5/6/2025	1221	-1.43	0.0	0	0.8	20.0	0.0	0.0	0.0	0	
SVP-11-20	5/16/2025	1221	-1.89	0.0	0	1.1	19.9	0.0	0.0	0.0	0	
SVP-11-20	5/22/2025	1141	-2.08	0.0	0	1.1	19.8	0.0	0.0	0.0	0	
SVP-11-20	5/27/2025	1325	-1.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0	
SVP-11-20	5/30/2025	0935	-0.93	0.0	0	1.1	19.9	0.0	0.0	0.0	0	
SVP-11-20	5/30/2025	0935	NM	0.0	0	1.1	19.8	0.0	0.0	0.0	0	Duplicate sample.
SVP-11-30	5/1/2025	1052	-2.50	0.0	0	0.9	19.9	0.0	0.0	0.0	0	
SVP-11-30	5/6/2025	1222	-1.49	0.0	0	0.9	19.8	0.0	0.0	0.0	0	
SVP-11-30	5/16/2025	1222	-1.72	0.0	0	1.0	19.8	0.0	0.0	0.0	0	
SVP-11-30	5/22/2025	1142	-1.95	0.0	0	1.0	19.8	0.0	0.0	0.0	0	
SVP-11-30	5/27/2025	1326	-1.04	0.0	0	1.0	19.8	0.0	0.0	0.0	0	
SVP-11-30	5/30/2025	0937	-0.79	0.0	0	1.0	19.6	0.0	0.0	0.0	0	
SVP-12-10	5/1/2025	1040	0.00	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-12-10	5/6/2025	1210	-0.83	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-12-10	5/16/2025	1210	-0.42	0.0	0	0.3	20.9	0.0	0.0	0.0	0	
SVP-12-10	5/22/2025	1130	-0.46	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-12-10	5/22/2025	1315	-0.35	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-12-10	5/27/2025	1315	-0.41	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-12-10	5/30/2025	0925	-0.42	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-12-20	5/1/2025	1041	-1.43	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-12-20	5/6/2025	1211	-1.37	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-12-20	5/16/2025	1211	-2.24	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-12-20	5/22/2025	1131	-2.56	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-12-20	5/27/2025	1316	-1.39	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-12-20	5/30/2025	0926	-1.49	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-12-30	5/1/2025	1042	-1.47	0.0	0	0.4	20.5	0.0	0.0	0.0	0	
SVP-12-30	5/6/2025	1212	-1.52	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-12-30	5/16/2025	1212	-2.28	0.0	0	0.8	20.3	0.0	0.0	0.0	0	
SVP-12-30	5/22/2025	1132	-2.55	0.0	0	0.8	20.3	0.0	0.0	0.0	0	
SVP-12-30	5/27/2025	1317	-1.89	0.0	0	0.9	20.3	0.0	0.0	0.0	0	
SVP-12-30	5/30/2025	0927	-2.48	0.0	0	0.8	20.1	0.0	0.0	0.0	0	
SVP-12-30	5/30/2025	0927	NM	0.0	0	0.7	20.2	0.0	0.0	0.0	0	Duplicate sample.
SVP-13-10	5/1/2025	1030	-0.37	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-13-10	5/6/2025	1201	-0.32	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-13-10	5/16/2025	1200	-0.40	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-13-10	5/22/2025	1120	-0.83	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-13-10	5/27/2025	1309	-0.37	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-13-10	5/30/2025	0915	-0.44	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-13-20	5/1/2025	1031	-1.94	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-13-20	5/6/2025	1202	-1.28	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-13-20	5/16/2025	1201	-2.43	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-13-20	5/22/2025	1121	-2.68	0.0	0	0.5	20.6	0.0	0.0	0.0	0	

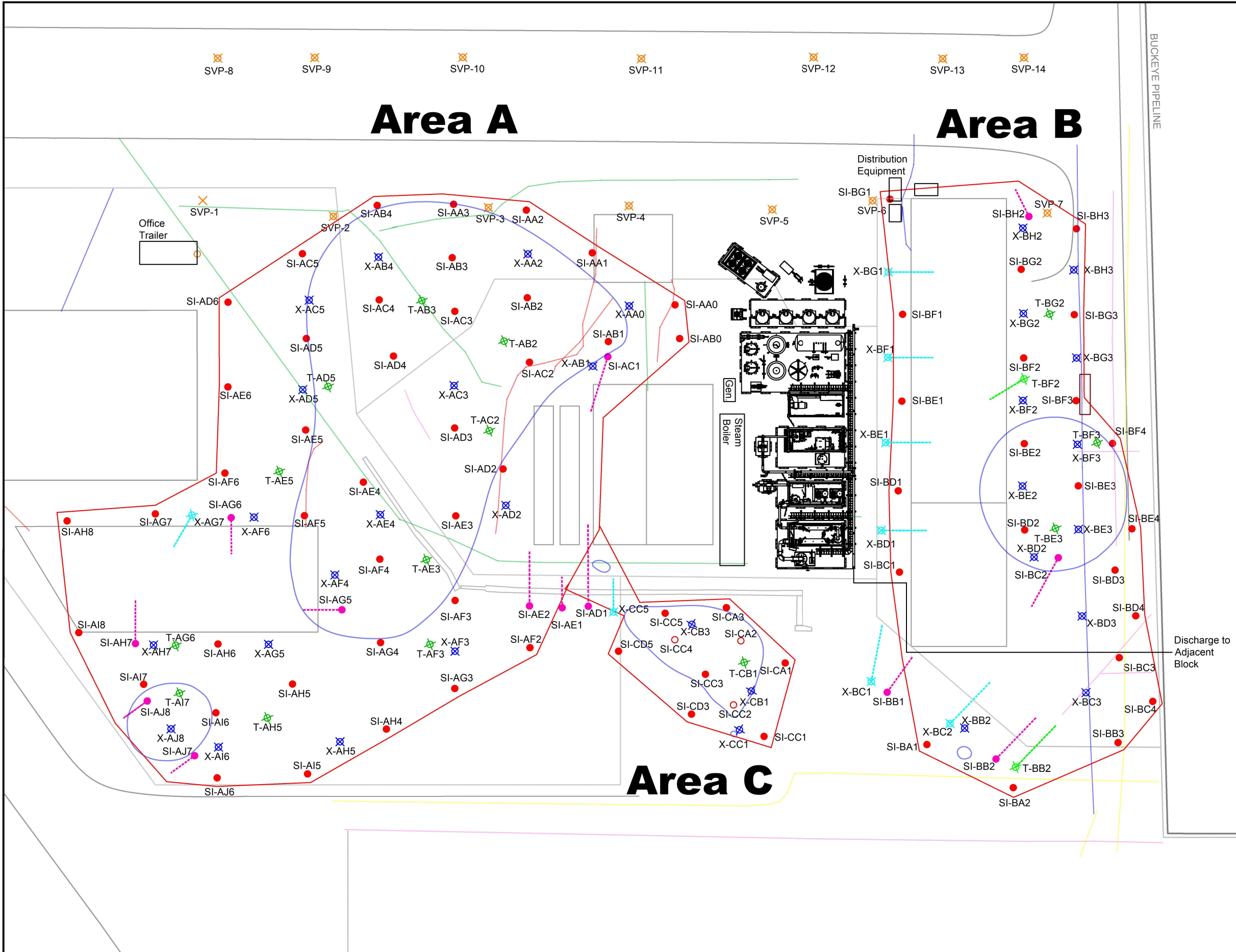
SEE LAST PAGE OF TABLE FOR NOTES

ATTACHMENT C
SVP FIELD-SCREENED TEDLAR® BAG RESULTS

Location	Sample Date	Sample Time (24-Hour)	Vacuum/ Pressure Reading (Inches of H ₂ O)	Fixed Gases				Soil Vapor Concentrations				Comments
				CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVP-13-20	5/27/2025	1310	-2.02	0.0	0	0.5	20.6	0.0	0.0	0.0	0	
SVP-13-20	5/30/2025	0916	-2.36	0.0	0	0.5	20.5	0.0	0.0	0.0	0	
SVP-13-30	5/1/2025	1032	-1.31	0.0	0	0.3	20.6	0.0	0.0	0.0	0	
SVP-13-30	5/6/2025	1203	-0.95	0.0	0	0.4	20.7	0.0	0.0	0.0	0	
SVP-13-30	5/16/2025	1202	-2.44	0.0	0	0.5	20.4	0.0	0.0	0.0	0	
SVP-13-30	5/22/2025	1122	-2.77	0.0	0	0.5	20.6	0.0	0.0	0.0	0	
SVP-13-30	5/22/2025	1122	NM	0.0	0	0.5	20.6	0.0	0.0	0.0	0	Duplicate sample.
SVP-13-30	5/27/2025	1311	-4.89	0.0	0	0.5	20.6	0.0	0.0	0.0	0	
SVP-13-30	5/30/2025	0917	-1.42	0.0	0	0.5	20.5	0.0	0.0	0.0	0	
SVP-13-30	5/30/2025	0917	NM	0.0	0	0.6	20.4	0.0	0.0	0.0	0	Duplicate sample.
SVP-14-10	5/1/2025	1020	-0.57	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-14-10	5/6/2025	1150	-0.55	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-14-10	5/16/2025	1150	-0.80	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-14-10	5/22/2025	1110	-0.77	0.0	0	0.2	20.9	0.0	0.0	0.0	0	
SVP-14-10	5/27/2025	1303	-0.53	0.0	0	0.1	20.8	0.0	0.0	0.0	0	
SVP-14-10	5/30/2025	0905	-0.81	0.0	0	0.2	20.8	0.0	0.0	0.0	0	
SVP-14-20	5/1/2025	1021	-1.44	0.0	0	0.4	20.6	0.0	0.0	0.0	0	
SVP-14-20	5/9/2025	1151	-1.45	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-14-20	5/16/2025	1151	-2.18	0.0	0	0.3	20.8	0.0	0.0	0.0	0	
SVP-14-20	5/22/2025	1111	-2.38	0.0	0	0.7	20.7	0.0	0.0	0.0	0	
SVP-14-20	5/27/2025	1304	-2.18	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-14-20	5/30/2025	0906	-2.28	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-14-30	5/1/2025	1022	-0.57	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-14-30	5/6/2025	1152	-0.69	0.0	0	0.3	20.7	0.0	0.0	0.0	0	
SVP-14-30	5/16/2025	1152	-1.08	0.0	0	0.4	20.5	0.0	0.0	0.0	0	
SVP-14-30	5/16/2025	1152	NM	0.0	0	0.4	20.5	0.0	0.0	0.0	0	Duplicate sample.
SVP-14-30	5/22/2025	1112	-1.19	0.0	0	0.3	20.5	0.0	0.0	0.0	0	
SVP-14-30	5/27/2025	1305	-0.69	0.0	0	0.4	20.8	0.0	0.0	0.0	0	
SVP-14-30	5/30/2025	0907	-0.52	0.0	0	0.4	20.6	0.0	0.0	0.0	0	

Notes:

- 1) PID = Photo Ionization Detector; THC = Total Hydrocarbon Concentration; PHC = Petroleum Hydrocarbon Concentration; ppmv = Parts Per Million By Volume.
- 2) NM = Not Measured.
- 3) Results included for the period covered by this progress report. Previous results are retained in project files.



LEGEND

AREA A

●

 Steam Injection Well [39]

●

 Angled Steam Injection Well [9]

⊗

 Multiphase Extraction Well [17]

⊗

 Angled MPE Well [1]

⊗

 Temperature Sensor Well [10]

□

 Thermal Influence (28,271 sq. ft)

AREA B

●

 Steam Injection Well [22]

●

 Angled Steam Injection Well [4]

⊗

 Multiphase Extraction Well [12]

⊗

 Angled MPE Well [6]

⊗

 Temperature Sensor Well [3]

⊗

 Angled Temp. Sensor Well [2]

□

 Thermal Influence (15,745 sq. ft)

AREA C

●

 Steam Injection Well [7]

○

 Shallow Steam Injection Well [3]

⊗

 Multiphase Extraction Well [3]

⊗

 Angled MPE Well [1]

⊗

 Temperature Sensor Well [1]

□

 Thermal Influence (2,571 sq. ft)

General

⊗

 Vapor Monitoring Well [14]

□

 July 2023 Benzene TTZ

—

 Buckeye Pipeline

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 Gas

—

 Water

—

 Sewer

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 Electrical

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 Unknown Buried Line

—

 Existing Fence

NOTES:

1. STEAM WELLS REQUIRE MIN. 4" BORING.

2. EXTRACTION WELLS REQUIRE MIN. 8" BORING.

3. SENSOR WELLS REQUIRE MIN. 4" BORING.

4. PIPELINE LOCATION PROVIDED BY AECOM.

5. VAPOR MONITORING POINTS TO BE INSTALLED BY OTHERS.

↑

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SCALE IN FEET

