January 10, 2025

Ventura County Air Pollution Control District
4567 Telephone Road, 2nd Floor
Ventura, California 93003
805-303-4005

Mr. Matt Salazar
Air Enforcement Office
US EPA, Region IX
75 Hawthorne Street
San Francisco, CA 94105

RE: 40 CFR 63, Subpart AAAA Semi-Annual Report
Simi Valley Landfill and Recycling Center, Simi Valley, California
July – December 2024

To Whom it May Concern,

Pursuant to Title 40 Code of Federal Regulations 63.1981(h), Waste Management of California, Inc. is submitting the Semi-Annual Report for the Simi Valley Landfill and Recycling Center (SVLRC). This report covers the period from July 1, 2024 to December 31, 2024.

If you have any questions or comments regarding this document, please call Collin Pavelchik at (510) 714-6098 (cpavelch@wm.com).

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Ventura County Air Pollution Control District as public record.

Sincerely,

Nicole Stetson
District Manager
Waste Management

cc Mr. Christian Colline, Waste Management
Ms. Miriam Cardenas, Waste Management
Ms. Paulamarie Young, Waste Management
Mr. Matthew Darr, Waste Management

JANUARY 2025

40 CFR 63, SUBPART AAAA SEMI-ANNUAL REPORT
JULY – DECEMBER 2024

WASTE MANAGEMENT

SIMI VALLEY LANDFILL AND RECYCLING CENTER
Ventura, California

2801 Madera Road, Simi Valley, CA 93065
Facility No. 01395

EXECUTIVE SUMMARY

The Simi Valley Landfill and Recycling Center (SVLRC) is a municipal solid waste (MSW) landfill located in Ventura, California in Ventura County and is owned/operated by Waste Management of California, Inc. The facility is subject to the requirements of the United States Environmental Protection Agency's (USEPA) *Standards of Performance for Municipal Solid Waste Landfills*; 40 Code of Federal Regulations (CFR) Part 63, Subpart AAAA and as such is submitting this NESHAP AAAA Report.

On June 21, 2021, new requirements from 40 CFR 62.1115(b)(2) incorporated monitoring, recordkeeping, and reporting requirements for landfill gas temperatures at wellheads from sections of 40 CFR 62, Subpart OOO that were incorporated into the California State Plan 40 CFR 62 Subpart F. As of September 27, 2021, SVLRC began complying with 40 CFR 63, Subpart AAAA in lieu of the 40 CFR 62 Subpart OOO sections that were incorporated into the 40 CFR 62 Subpart F California State Plan.

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1.0 40 CFR 63.1981(h) SEMI-ANNUAL REPORT

SVLRC is submitting this Report because the existing MSW landfill owns and/or operates an active landfill gas collection and control system. The following summarizes the report requirements pursuant to §63.1981(h). This report covers from July 1, 2024 through December 31, 2024.

1.1 Exceedance of Applicable Parameters §63.1981(h)(1)

§63.1981(h)(1) Number of times that applicable parameters monitored under §63.1958(b), (c), and (d) were exceeded and when the gas collection and control system was not operating under §63.1958(e), including periods of SSM. For each instance, report the date, time, and duration of each exceedance.

(i) Where an owner or operator subject to the provisions of this subpart seeks to demonstrate compliance with the temperature and nitrogen or oxygen operational standards in introductory paragraph §63.1958(c), provide a statement of the wellhead operational standard for temperature and oxygen you are complying with for the period covered by the report. Indicate the number of times each of those parameters monitored under §63.1961(a)(3) were exceeded. For each instance, report the date, time, and duration of each exceedance.

(ii) Where an owner or operator subject to the provisions of this subpart seeks to demonstrate compliance with the operational standard for temperature in §63.1958(c)(1), provide a statement of the wellhead operational standard for temperature and oxygen you are complying with for the period covered by the report. Indicate the number of times each of those parameters monitored under §63.1961(a)(4) were exceeded. For each instance, report the date, time, and duration of each exceedance.

(iii) Beginning no later than September 27, 2021, number of times the parameters for the site-specific treatment system in §63.1961(g) were exceeded.

1.1.1 Wells Operating Under Positive Pressure §63.1958(b)

§63.1958(b) Operate the collection system with negative pressure at each wellhead except under the following conditions:

(1) A fire or increased well temperature. The owner or operator must record instances when positive pressure occurs in efforts to avoid a fire. These records must be submitted with the semi-annual reports as provided in §63.1981(h);

(2) Use of a geomembrane or synthetic cover. The owner or operator must develop acceptable pressure limits in the design plan;

(3) A decommissioned well. A well may experience a static positive pressure after shut down to accommodate for declining flows. All design changes must be approved by the Administrator as specified in §63.1981(d)(2);

SVLRC operated in compliance with all wellhead monitoring standards listed in §63.1958(b) during the reporting period. All instances of positive pressure were corrected within applicable Subpart AAAA timelines.

On a monthly basis operations and maintenance personnel measure the gauge pressure, temperature, and oxygen concentration at each well head. The gauge pressure taken at the wellhead is used in determining the presence of vacuum at the collector. Measurements are taken with a portable meter which is calibrated per the manufacturer's specifications.

Wells that were found to be operating at positive pressures are summarized in the following table.

Wells Operating Under Positive Pressure

Name	Initial Reading		Corrective Action Date	5-Day Corrective Action	Final Reading		Duration (days)
	Date	Value ("H_2O)			Date	Value ("H_2O)	
1101	12/18/24	6.8	12/18/24	Inc. Flow/Vac	12/18/24	-1.71	<1
1780	8/15/24	72.67	8/15/24	Inc. Flow/Vac	8/15/24	-1.59	<1
1817	10/7/24	0.01	10/7/24	Inc. Flow/Vac	10/8/24	-0.34	1
1817	12/3/24	0.01	12/3/24	Inc. Flow/Vac	12/3/24	-1.09	<1
1937	8/6/24	0.11	8/6/24	Inc. Flow/Vac	8/6/24	-0.24	<1
1937	10/1/24	0.05	10/1/24	Inc. Flow/Vac	10/5/24	-0.02	4
1938	10/9/24	0.0	10/9/24	Inc. Flow/Vac	10/9/24	-0.03	<1
1938	11/12/24	0.15	11/12/24	Inc. Flow/Vac	11/12/24	-0.08	<1
2221	10/9/24	6.51	10/9/24	Inc. Flow/Vac	10/9/24	-1.19	<1
2222	11/16/24	20.08	11/16/24	Inc. Flow/Vac	11/16/24	-0.34	<1

Wells Operating Under Positive Pressure

Name	Initial Reading		Corrective Action Date	5-Day Corrective Action	Final Reading		Duration (days)
	Date	Value ("H_20)			Date	Value ("H_20)	
2231	10/1/24	0.08	10/1/24	Inc. Flow/Vac	10/1/24	-0.13	<1
2231	12/5/24	0.04	12/5/24	Inc. Flow/Vac	12/5/24	-0.08	<1
2345	8/23/24	0.14	8/23/24	Inc. Flow/Vac	8/23/24	-0.48	<1
2404	12/6/24	0.10	12/6/24	Inc. Flow/Vac	12/9/24	-0.06	3
2405	12/6/24	0.19	12/6/24	Inc. Flow/Vac	12/6/24	-0.36	<1
2406	12/6/24	0.12	12/6/24	Inc. Flow/Vac	12/6/24	-0.37	<1
2407	12/6/24	0.09	12/6/24	Inc. Flow/Vac	12/6/24	-0.01	<1
2408	12/6/24	0.05	12/6/24	Inc. Flow/Vac	12/9/24	-0.07	3
2409	12/6/24	0.05	12/6/24	Inc. Flow/Vac	12/6/24	-0.03	<1
2455	7/22/24	0.24	7/22/24	Inc. Flow/Vac	7/22/24	-0.19	<1
2455	9/18/24	0.19	9/18/24	Inc. Flow/Vac	9/18/24	-0.65	<1
2456	7/26/24	1.48	7/26/24	Inc. Flow/Vac	7/26/24	-2.51	<1
2457	7/29/24	1.07	7/29/24	Inc. Flow/Vac	7/29/24	-0.43	<1
2459	7/29/24	5.49	7/29/24	Inc. Flow/Vac	7/29/24	-1.12	<1
2460	7/29/24	7.76	7/29/24	Inc. Flow/Vac	7/29/24	-0.33	<1
2462	7/29/24	6.21	7/29/24	Inc. Flow/Vac	7/29/24	-2.0	<1
2467	7/26/24	1.62	7/26/24	Inc. Flow/Vac	7/26/24	-2.42	<1
2468	8/1/24	1.7	8/1/24	Inc. Flow/Vac	8/1/24	-0.44	<1
2469	7/29/24	0.77	7/29/24	Inc. Flow/Vac	7/29/24	-0.29	<1
2475	8/21/24	1.67	8/21/24	Inc. Flow/Vac	8/21/24	-2.34	<1
2475	9/4/24	0.37	9/4/24	Inc. Flow/Vac	9/4/24	-1.5	<1

Wells Operating Under Positive Pressure

Name	Initial Reading		Corrective Action Date	5-Day Corrective Action	Final Reading		Duration (days)
	Date	Value ("H_2O)			Date	Value ("H_2O)	
2476	8/1/24	8.4	8/1/24	Inc. Flow/Vac	8/1/24	-4.58	<1
2477	7/29/24	3.68	7/29/24	Inc. Flow/Vac	7/29/24	-0.81	<1
2480	7/24/24	0.19	7/24/24	Inc. Flow/Vac	7/24/24	-0.14	<1
2480	10/7/24	0.13	10/7/24	Inc. Flow/Vac	10/7/24	-0.82	<1
2480	12/13/24	6.94	12/13/24	Inc. Flow/Vac	12/13/24	-15.8	<1
2482	8/1/24	4.36	8/1/24	Inc. Flow/Vac	8/1/24	-0.97	<1
2484	12/9/24	0.98	12/9/24	Inc. Flow/Vac	12/9/24	-0.29	<1

1.1.2 Wells with Temperatures >145°F or HOV §63.1958(c)

§63.1958(c) Operate each interior wellhead in the collection system as specified in 40 CFR 60.753(c), until the landfill owner or operator elects to meet the operational standard for temperature in paragraph (c)(1) of this section.

> *(1) Beginning no later than September 27, 2021, operate each interior wellhead in the collection system with a landfill gas temperature less than 62.8 degrees Celsius (145 degrees Fahrenheit).*
>
> *(2) The owner or operator may establish a higher operating temperature value at a particular well. A higher operating value demonstration must be submitted to the Administrator for approval and must include supporting data demonstrating that the elevated parameter neither causes fires nor significantly inhibits anaerobic decomposition by killing methanogens. The demonstration must satisfy both criteria in order to be approved (i.e., neither causing fires nor killing methanogens is acceptable).*

The applicable standard for temperature and oxygen during this reporting period was §63.1958(c)(1), [62.8°C (145°F) or higher operating value (HOV), no oxygen limits]. SVLRC

operated in compliance with all wellhead monitoring standards listed in §63.1958(c) during the reporting period. There were no instances of temperatures greater than 145°F (or HOV).

Each landfill gas collector is equipped with an access port allowing for measuring temperature at each wellhead. On a monthly basis operations and maintenance personnel measure the gauge pressure, temperature, and oxygen concentration at each well head. Measurements are taken with a portable meter which is calibrated per the manufacturer's specifications.

Wells with Landfill Gas Temperature Greater than 145°F or HOV

Name	Initial Reading		5-Day Corrective Action	Final Reading		Duration (days)
	Date	Temp (°F)		Date	Temp (°F)	
N/A						

A list of all current HOVs (greater than 145°F) is presented in the following table:

Wells with Temperature HOVs

Device	Date	HOV
SIM1778D	6/18/2021	150
SIMW1779	6/18/2021	150

Device	Date	HOV
SIMW1232	6/18/2021	150
SIMW1233	6/18/2021	150

*SVLRC also has seventy-two (72) existing HOVs for temperatures equal or greater than 131°F and equal or less than 145°F.

1.1.3 Surface Emissions Monitoring §63.1958(d)

§63.1958(d)(1) Operate the collection system so that the methane concentration is less than 500 parts per million (ppm) above background at the surface of the landfill. To determine if this level is exceeded, the owner or operator must conduct surface testing around the perimeter of the collection area and along a pattern that traverses the landfill at no more than 30-meter intervals and where visual observations indicate elevated concentrations of landfill gas, such as distressed vegetation and cracks or seeps in the cover. The owner or operator may establish an alternative traversing pattern that ensures equivalent coverage. A surface

monitoring design plan must be developed that includes a topographical map with the monitoring route and the rationale for any site-specific deviations from the 30-meter intervals. Areas with steep slopes or other dangerous areas may be excluded from the surface testing.

(2) Beginning no later than September 27, 2021, the owner or operator must:

(i) Conduct surface testing using an organic vapor analyzer, flame ionization detector, or other portable monitor meeting the specifications provided in §63.1960(d).

(ii) Conduct surface testing at all cover penetrations. Thus, the owner or operator must monitor any cover penetrations that are within an area of the landfill where waste has been placed and a gas collection system is required.

(iii) Determine the latitude and longitude coordinates of each exceedance using an instrument with an accuracy of at least 4 meters. The coordinates must be in decimal degrees with at least five decimal places.

Surface emissions monitoring is discussed in Section 1.5.

1.1.4 Treatment System Monitoring §63.1981(h)(1)(iii)

§63.1981(h)(1) (iii) Beginning no later than September 27, 2021, number of times the parameters for the site-specific treatment system in §63.1961(g) were exceeded.

§63.1961(g) Each owner or operator seeking to demonstrate compliance with §63.1959(b)(2)(iii)(C) using a landfill gas treatment system must calibrate, maintain, and operate according to the manufacturer's specifications a device that records flow to the treatment system and bypass of the treatment system (if applicable). Beginning no later than September 27, 2021, each owner or operator must maintain and operate all monitoring systems associated with the treatment system in accordance with the site-specific treatment system monitoring plan required in §63.1983(b)(5)(ii). The owner or operator must:

(1) Install, calibrate, and maintain a gas flow rate measuring device that records the flow to the treatment system at least every 15 minutes; and

(2) Secure the bypass line valve in the closed position with a car-seal or a lock-and-key type configuration. A visual inspection of the seal or closure mechanism must be performed at least once every month to ensure that the valve is maintained in the closed position and that the gas flow is not diverted through the bypass line.

SVLRC does not operate a treatment system and therefore, is not subject to the requirements of §63.1981(h)(1)(iii).

1.2 Gas Stream Diversion §63.1981(h)(2)

§63.1981(h)(2) Description and duration of all periods when the gas stream was diverted from the control device or treatment system through a bypass line or the indication of bypass flow as specified under §63.1961.

The gas collection system is not designed nor equipped to bypass the control device(s); therefore §63.1981(h)(2) is not applicable.

1.3 Control or Treatment System Downtime Events §63.1981(h)(3)

§63.1981(h)(3) Description and duration of all periods when the control device or treatment system was not operating and length of time the control device or treatment system was not operating.

Control device and treatment system downtime events were recorded in compliance with §63.1981(h)(1) and (3) during the reporting period. The following tables summarize all the periods when the control devices and/or treatment system were not operating.

Enclosed Flare No. 3 Downtime Events

Shutdown	Startup	Duration (hours)	Reason
7/6/2024 9:10	7/6/2024 11:48	2.63	Low stack temp
7/17/2024 23:26	7/18/2024 12:16	12.83	Burner Cleaning
7/29/2024 16:10	7/29/2024 17:34	1.40	Blower damage
7/30/2024 9:18	7/30/2024 13:02	3.73	Blower Maintenance
8/16/2024 14:20	8/16/2024 17:40	3.33	Power Outage
8/28/2024 7:36	8/28/2024 9:02	1.43	High H2S
9/3/2024 7:36	9/3/2024 11:38	4.03	Blower Maintenance
9/6/2024 10:18	9/6/2024 10:56	0.63	VFD Overheating
9/11/2024 1:04	9/11/2024 7:56	6.87	High Burner Temp
9/20/2024 6:08	9/20/2024 13:20	7.20	Sump Clean Out
10/2/2024 16:38	10/3/2024 10:42	18.07	High O2
10/8/2024 1:00	10/8/2024 8:56	7.93	Power surge
10/17/2024 5:54	10/17/2024 18:44	12.83	Deep Clean
10/22/2024 12:34	10/22/2024 13:58	1.40	Low stack temp

Enclosed Flare No. 3 Downtime Events

Shutdown	Startup	Duration (hours)	Reason
11/1/2024 7:10	11/1/2024 17:56	10.77	Blower install
11/6/2024 6:14	11/7/2024 16:40	34.43	Power Outage
11/24/2024 13:14	11/25/2024 8:08	18.90	Power Surge
11/25/2024 13:18	11/25/2024 14:38	1.33	Power Surge
11/26/2024 18:22	11/26/2024 20:02	1.67	Power Outage
12/10/2024 9:34	12/11/2024 15:08	29.57	Power outage
12/23/2024 10:20	12/23/2024 15:24	5.07	Power outage
12/27/2024 11:08	12/27/2024 14:44	3.60	Wellfield surging
12/28/2024 0:50	12/28/2024 15:44	14.90	Wellfield surging
12/29/2024 11:00	12/29/2024 17:16	6.27	Wellfield surging
12/30/2024 7:14	12/30/2024 9:58	2.73	Wellfield surging

Enclosed Flare No. 4 Downtime Events

Shutdown	Startup	Duration (hours)	Reason
7/1/2024 6:18	7/2/2024 17:40	35.37	Deep Clean
7/6/2024 23:18	7/7/2024 8:38	9.33	Low Stack Temp
7/14/2024 5:08	7/14/2024 7:04	1.93	Low stack temp
7/30/2024 9:16	7/30/2024 13:02	3.77	Blower Maintenance
8/8/2024 1:46	8/8/2024 7:58	6.20	Low stack temp
8/16/2024 14:20	8/16/2024 17:12	2.87	Power Outage
8/28/2024 7:34	8/28/2024 9:06	1.53	High H2S
9/3/2024 7:36	9/3/2024 12:36	5.00	Blower Maintenance
9/20/2024 6:08	9/20/2024 13:18	7.17	Sump Clean out

9/22/2024 7:04	9/22/2024 9:14	2.17	CAB Filters Cleaning
10/2/2024 6:20	10/2/2024 17:28	11.13	High O2
10/8/2024 1:10	10/8/2024 8:56	7.77	Power Surge
11/1/2024 7:10	11/1/2024 18:00	10.83	Blower install
11/6/2024 6:18	11/7/2024 16:40	34.37	Power Outage
11/13/2024 7:34	11/13/2024 11:26	3.87	CAB Filters Cleaning
11/24/2024 13:14	11/24/2024 16:36	3.37	Power surge
11/25/2024 13:14	11/25/2024 14:28	1.23	Power surge
11/26/2024 18:22	11/26/2024 20:14	1.87	Power outage
12/8/2024 20:08	12/8/2024 22:18	2.17	CAB Filters Cleaning
12/10/2024 9:36	12/11/2024 15:06	29.50	Power outage
12/23/2024 10:22	12/23/2024 15:24	5.03	Power outage
12/24/2024 12:16	12/24/2024 17:06	4.83	CAB Filters Cleaning
12/26/2024 8:44	12/26/2024 11:14	2.50	Sump Maintenance
12/27/2024 11:10	12/27/2024 14:38	3.47	Wellfield surging
12/29/2024 11:04	12/29/2024 17:18	6.23	Wellfield surging
12/30/2024 7:14	12/30/2024 8:30	1.27	Wellfield surging

1.4 Collection System Downtime Events §63.1981(h) (4)

§63.1981(h)(4) All periods when the collection system was not operating.

§63.1958(e) Operate the system as specified in § 60.753(e) of this chapter, except:

(1) Beginning no later than September 27, 2021, operate the system in accordance to §63.1955(c) such that all collected gases are vented to a control system designed and operated in compliance with §63.1959(b)(2)(iii). In the event the collection or control system is not operating:

(i) The gas mover system must be shut down and all valves in the collection and control system contributing to venting of the gas to the atmosphere must be closed within 1 hour of the collection or control system not operating; and

(ii) Efforts to repair the collection or control system must be initiated and completed in a manner such that downtime is kept to a minimum, and the collection and control system must be returned to operation.

The gas collection system was operated in accordance with §63.1955(c) during the reporting period to in a manner consistent with safety and good air pollution control practices to minimize emissions and downtime. All collected gases were vented to a control system design and operated in compliance with §63.1959(b)(2)(iii). In the event of collection or control system downtime the gas mover system is shut down and all valves in the collection and control system contributing to the venting of gas to the atmosphere are closed within 1 hour of the collection or control system not operating. Efforts to repair the collection or control system are initiated and completed pursuant to the work practice standards of Section 112(h) of the Clean Air Act such that downtime is kept to a minimum, and the collection and control system is returned to operation.

Collection System Downtime Events

Shutdown	Startup	Duration (hours)	Reason
7/30/2024 9:18	7/30/2024 13:02	3.73	Blower Maintenance
8/16/2024 14:20	8/16/2024 17:12	2.87	Power outage
8/28/2024 7:36	8/28/2024 9:02	1.43	High H2S
9/3/2024 7:36	9/3/2024 11:38	4.03	Blower Maintenance
9/20/2024 6:08	9/20/2024 13:18	7.17	Sump Cleanout
10/2/2024 16:38	10/2/2024 17:28	0.83	High O2
10/8/2024 1:10	10/8/2024 8:56	7.77	Power surge
11/1/2024 7:10	11/1/2024 17:56	10.77	Blower install
11/6/2024 6:18	11/7/2024 16:40	34.37	Power Outage
11/24/2024 13:14	11/24/2024 16:36	3.37	Power surge
11/25/2024 13:18	11/25/2024 14:28	1.17	Power surge
11/26/2024 18:22	11/26/2024 20:14	1.87	Power outage

Collection System Downtime Events

Shutdown	Startup	Duration (hours)	Reason
12/10/2024 9:36	12/11/2024 15:06	29.50	Power outage
12/23/2024 10:22	12/23/2024 15:24	5.03	Power outage
12/27/2024 11:10	12/27/2024 14:38	3.47	Wellfield surging
12/29/2024 11:04	12/29/2024 17:16	6.20	Wellfield surging
12/30/2024 7:14	12/30/2024 8:30	1.27	Wellfield surging

1.5 Surface Emissions Monitoring §63.1981(h)(5)

§63.1981(h)(5) The location of each exceedance of the 500-ppm methane concentration as provided in §63.1958(d) and the concentration recorded at each location for which an exceedance was recorded in the previous month. Beginning no later than September 27, 2021, for location, you record the latitude and longitude coordinates of each exceedance using an instrument with an accuracy of at least 4 meters. The coordinates must be in decimal degrees with at least five decimal places.

Surface emissions monitoring was completed in compliance with §63.1960(c) during the reporting period. Monitoring included the perimeter of the landfill, the serpentine path with a 30-meter spacing, penetration and openings monitoring and per Method 21 requirements areas where visual observations indicate possible elevated concentrations of landfill gas, such as distressed vegetation and cracks or seeps in the cover are monitored.

Monitoring for the Third Quarter 2024 was completed during the reporting period. There were forty-two (42) locations with recorded methane concentrations greater than 500 ppm as methane. All locations were remediated within §63.1960(c)(4) timelines. Applicable monitoring data, including the location information plus initial and final remediated methane concentrations are presented in Appendix B.

Monitoring for the Fourth Quarter 2024 is currently being conducted. Currently there are six (6) locations with recorded methane concentrations greater than 500 ppm as methane. All locations are presently being remediated within §63.1960(c)(4) timelines. The location information plus initial methane concentrations are presented in the following table.

Surface Emissions Monitoring – 4th Qtr 2024
Areas over 500 ppmv

Initial Monitoring Event					First 10-Day Remonitoring		Second 10-Day Remonitoring		1-Month Remonitoring	
Grid/Flag	Date	Location		CH_4 (ppm_v)	Date	CH_4 (ppm_v)	Date	CH_4 (ppm_v)	Date	CH_4 (ppm_v)
		Longitude	Latitude							
104	12/21/2024	-118.7966197	34.2984305	920	Pending	-	N/A	N/A	Pending	-
132	12/21/2024	-118.7957387	34.30014833	783	Pending	-	N/A	N/A	Pending	-
192	12/21/2024	-118.7898973	34.3039599	572	Pending	-	N/A	N/A	Pending	-
103	12/21/2024	-118.7968692	34.2986336	572	Pending	-	N/A	N/A	Pending	-
134	12/21/2024	-118.7951913	34.300271	569	Pending	-	N/A	N/A	Pending	-
105	12/21/2024	-118.7962332	34.29846467	546	Pending	-	N/A	N/A	Pending	-

1.6 System Expansion §63.1981(h)(6)

§63.1981(h)(6) The date of installation and the location of each well or collection system expansion added pursuant to §63.1960(a)(3) and (4), (b), and (c)(4).

SVLRC complied with the requirements of §63.1960(a)(3) and (4), (b), and (c)(4).

SVLRC continually looks for ways to optimize the collection system and additional wells or collectors are installed on an as needed basis maintain collection efficiency. The following table summarizes the locations of the wells added to the collection system during the reporting period. Locations of the wells are shown on the GCCS Map included in Appendix A.

Wellfield Expansions to Comply with §63.1960(a)(3) (Pressure Exceedances)

Well ID	Startup Date
N/A, no expansions were required to correct pressure exceedances	

Wellfield Expansions to Comply with §63.1960(a)(4) (Temperature Exceedances)

Well ID	Startup Date
N/A, no expansions were required to correct temperature exceedances	

Wellfield Expansions to Comply with §63.1960(b) (Collection System Coverage)

Well ID	Startup Date
2456, 2467, 2472	7/26/2024
2457, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2469, 2470, 2473, 2474, 2477, 2479	7/29/2024
2458, 2468, 2476, 2478, 2481, 2482, 2483	8/1/2024
2475	8/21/2024

Wellfield Expansions to Comply with §63.1960(c)(4) (Surface Emissions)

Well ID	Startup Date
N/A, no expansions were required to correct surface emissions exceedances	

1.7 Root Cause / Corrective Action Analyses §40 CFR 63.1981(h)(7)

§63.1981(h)(7) For any corrective action analysis for which corrective actions are required in §63.1960(a)(3)(i) or (a)(5) and that take more than 60 days to correct the exceedance, the root cause analysis conducted, including a description of the recommended corrective action(s), the date for corrective action(s) already completed following the positive pressure or high temperature reading, and, for action(s) not already completed, a schedule for implementation, including proposed commencement and completion dates.

SVLRC complied with the requirements of §63.1960(a)(3)(i) and (a)(5). No root cause or corrective action analyses were required during the reporting period. During the reporting period all wells with positive pressures or temperatures greater than 145°F (or applicable HOV) were corrected within 0 to 60 days.

1.8 Enhanced Monitoring §40 CFR 63.1981(h)(8)

§63.1981(h)(8) Each owner or operator required to conduct enhanced monitoring in §63.1961(a)(5) and (6) must include the results of all monitoring activities conducted during the period.

(i) For each monitoring point, report the date, time, and well identifier along with the value and units of measure for oxygen, temperature (wellhead and downwell), methane, and carbon monoxide.

(ii) Include a summary trend analysis for each well subject to the enhanced monitoring requirements to chart the weekly readings over time for oxygen, wellhead temperature, methane, and weekly or monthly readings over time, as applicable for carbon monoxide.

(iii) Include the date, time, staff person name, and description of findings for each visual observation for subsurface oxidation event.

1.8.1 Enhanced Monitoring for Wellhead Temperature Exceedances §63.1961(a)(5)

The enhanced monitoring requirements of §63.1961(a)(5) for temperature exceedances were not applicable during the reporting period.

1.8.2 Summary Trend Analyses for Wells Subject to Enhanced Monitoring Requirements

No wells were subject to the enhanced monitoring requirements of §63.1961(a)(5) during the reporting period.

1.8.3 Visual Observations for Wells to Enhanced Monitoring Requirements

No wells were subject to the enhanced monitoring requirements of §63.1961(a)(5) during the reporting period.

1.9 Enclosed Combustor Monitoring §63.1983(c)

§63.1983(c) Except as provided in §63.1981(d)(2), each owner or operator of a controlled landfill subject to the provisions of this subpart must keep for 5 years up-to-date, readily accessible continuous records of the equipment operating parameters specified to be monitored in §63.1961 as well as up-to-date, readily accessible records for periods of operation during which the parameter boundaries established during the most recent performance test are exceeded.

(1) The following constitute exceedances that must be recorded and reported under §63.1981(h):

(i) For enclosed combustors except for boilers and process heaters with design heat input capacity of 44 megawatts (150 million Btu per hour) or greater, all 3-hour periods of operation during which the average temperature was more than 28 degrees Celsius (82 degrees Fahrenheit) below the average combustion temperature during the most recent performance test at which compliance with §63.1959(b)(2)(iii) was determined.

(ii) For boilers or process heaters, whenever there is a change in the location at which the vent stream is introduced into the flame zone as required under paragraph (b)(3) of this section.

The SVLRC operated in compliance with all enclosed combustor monitoring standards listed in §63.1983(c) during the reporting period. There were no reportable exceedances under §63.1983(c)(1)(i).

SVLRC operates two enclosed combustors in accordance with the Part 70 Title V Permit No. 01395, issued by the Ventura County Air Pollution Control District (VCAPCD). As required, the enclosed combustors are equipped with thermocouple(s) that serve as the temperature monitoring device(s). The thermocouples send temperature monitoring data to the digital data recorder. Temperature data is continuously monitored and recorded at least once every 15 minutes.

The enclosed combustors are equipped with flow meters which monitor flow to the enclosed combustors. The flow meters send the data to the digital data recorder, which must record flow rate at least once every 15 minutes.

The enclosed flares are subject to a minimum operating temperature of 28°C (50°F) below the average combustion temperature during the most recent source test (3-hr block averages). The following thresholds apply to the enclosed flares during the reporting period:

Applicable 3-hr Block Average Temperature Limits

Flare No. 3

Parameter	July 18, 2023 Source Test Report
Avg. Test Temperature	1,567 °F
3-hr Min Combustion Temperature	1,517°F

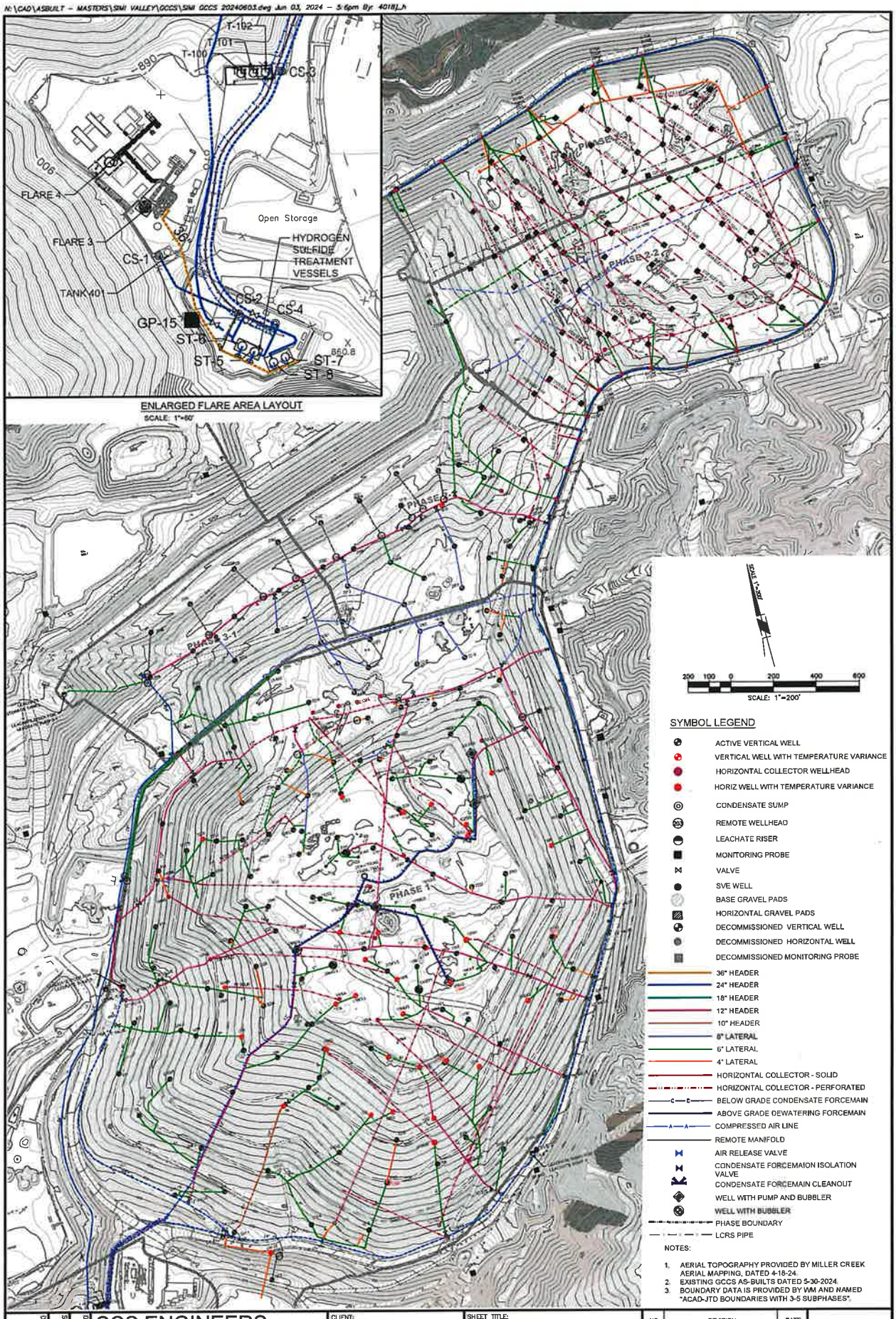
Flare No. 4

Parameter	July 9-10, 2024 Source Test Report
Avg. Test Temperature	1,683 °F
3-hr Min Combustion Temperature	1,633°F

Appendix A

GCCS MAP

N:\CAD\ASBUILT - MASTERS\SIMI VALLEY\GCCS\SIMI GCCS 20240603.dwg Jun 03, 2024 - 5:6pm By 4018J_h



ENLARGED FLARE AREA LAYOUT

SCALE: 1"=60'

SYMBOL LEGEND

- ACTIVE VERTICAL WELL
- VERTICAL WELL WITH TEMPERATURE VARIANCE
- HORIZONTAL COLLECTOR WELLHEAD
- HORIZ WELL WITH TEMPERATURE VARIANCE
- CONDENSATE SUMP
- REMOTE WELLHEAD
- LEACHATE RISER
- MONITORING PROBE
- VALVE
- SVE WELL
- BASE GRAVEL PADS
- HORIZONTAL GRAVEL PADS
- DECOMMISSIONED VERTICAL WELL
- DECOMMISSIONED HORIZONTAL WELL
- DECOMMISSIONED MONITORING PROBE
- 36" HEADER
- 24" HEADER
- 18" HEADER
- 12" HEADER
- 10" HEADER
- 8" LATERAL
- 6" LATERAL
- 4" LATERAL
- HORIZONTAL COLLECTOR - SOLID
- HORIZONTAL COLLECTOR - PERFORATED
- BELOW GRADE CONDENSATE FORCEMAIN
- ABOVE GRADE DEWATERING FORCEMAIN
- COMPRESSED AIR LINE
- REMOTE MANIFOLD
- AIR RELEASE VALVE
- CONDENSATE FORCEMAION ISOLATION VALVE
- CONDENSATE FORCEMAIN CLEANOUT
- WELL WITH PUMP AND BUBBLER
- WELL WITH BUBBLER
- PHASE BOUNDARY
- LCRS PIPE

NOTES:

1. AERIAL TOPOGRAPHY PROVIDED BY MILLER CREEK AERIAL MAPPING, DATED 4-18-24.
2. EXISTING GCCS AS-BUILTS DATED 5-30-2024.
3. BOUNDARY DATA IS PROVIDED BY WM AND NAMED "ACAD-JTD BOUNDARIES WITH 3-5 SUBPHASES".

DRAWING NO.: 2 of 3

SCALE: AS SHOWN

DATE: 05-30-2024

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3900 KILROY AIRPORT WAY, SUITE 100
LONG BEACH, CA 90806
PH. (562) 426-9544 FAX. (562) 427-0805

PROJ. NO.	DES. BY:	JOB NO. FILE:
	SB	
DRW. BY: WM	CHK. BY: JH	APP. BY: JH

CLIENT: WM WASTE MANAGEMENT

SHEET TITLE: GCCS AND DEWATER LAYOUT

PROJECT TITLE: SIMI VALLEY LANDFILL AND RECYCLING CENTER
2801 MADERA ROAD
SIMI VALLEY, CALIFORNIA 93065

NO.	REVISION	DATE

Appendix B

SEM DATA

WASTE MANAGEMENT

8491 Fruitridge Road
Sacramento, CA 95826
(510) 714-6098

October 31, 2024

Ms. Nicole Stetson
2801 Madera Road
Simi Valley, California 93065

Third Quarter 2024 Surface Emissions and Component Leak Monitoring Report for the Simi Valley Landfill and Recycling Center

Dear Ms. Stetson:

This monitoring report for the **"Simi Valley Landfill and Recycling Center (SVLRC)"** contains the results of the Third Quarter 2024 Integrated and Instantaneous Surface Emissions Monitoring (SEM) and Component Leak Monitoring. Initial surface emissions monitoring was performed by Roberts Environmental Services, LLC. (RES). Re-monitoring of site-wide surface emissions and component leak monitoring was also conducted by RES personnel.

APPLICABLE REQUIREMENTS

The monitoring discussed in this report was conducted in accordance with the following requirements:

Surface Emission Monitoring (SEM)

- California Code of Regulations (CCR) Title 17, Subchapter 10, Article 4, Subarticle 6, §95460 to §95476, known as the Assembly Bill 32 (AB32) landfill methane rule (LMR).
- New Source Performance Standard (NSPS), Title 40 of the Code of Federal Regulations (CFR) §60.755 (c) and (d), 40 CFR 60, Appendix A Method 21; and updated Title 40 CFR part 63, Subpart AAAA (63.1960), promulgated by the United States Environmental Protection Agency (USEPA).
- Ventura County Air Pollution Control District (VCAPCD) Rule 74.17.1 (Municipal Solid Waste Landfills)

Component Leak

- California Code of Regulations (CCR) Title 17, Subchapter 10, Article 4, Subarticle 6, §95460 to §95476, known as the Assembly Bill 32 (AB32) landfill methane rule (LMR).

SVLRC Plan and Alternative Compliance Measures

An Alternative Compliance Option (ACO) Request was submitted to the California Air Resources Board (CARB) on May 24, 2011. A response from the CARB was not received to the ACO Request within 120 days from the date of submittal, therefore SVLRC assumes that the alternative compliance measures, monitoring requirements, and test measures and procedures were deemed acceptable as of September 21, 2011, per CCR Title 17 §95468(c).

All monitoring and reporting was completed in accordance with the 2011 SVLRC AB-32 SEM Plan.

PROCEDURES

General

The surface of the SVLRC disposal area has been divided into two-hundred and three (203), (approximately) 50,000 square foot monitoring grids. The entire landfill surface is monitored with the exception of active portions of the Landfill, slope areas, and as requested in the approved ACO, areas containing only asbestos-containing waste, inert waste and/or non-decomposable waste which are excluded for safety as allowed by CCR Title 17 §95466.

Field personnel walked the surface of the landfill following the walking pattern as depicted the 2011 SVLRC AB-32 SEM Plan, which traverses each monitoring grid. Additionally, in accordance with the provisions of 40 CFR 60.753(d) and 60.755(c)(1-3) and 63.1960, the entire perimeter of the landfill surface was monitored. During the event, special attention was given to monitoring unusual cover conditions (stressed vegetation, cracks, seeps, etc.) and any areas with unusual odors. In addition, penetrations were monitoring per Title 40 CFR part 63, Subpart AAAA (63.1960).

Instantaneous Surface Emissions Monitoring

The Instantaneous SEM was conducted using a Toxic Vapor Analyzer (TVA) 1000 flame ionization detector (FID), which was calibrated to 500 parts per million by volume (ppmv) methane, which meets or exceeds all guidelines set forth in the CCR Title 17 §95471(a). The FID was calibrated prior to use in accordance with the United States Environmental Protection Agency (USEPA) Method 21 requirements. The Instantaneous SEM procedures followed the requirements of 40 CFR 60.755 (c) and (d), CCR Title 17 §95471(c)(2), VCAPCD Rule 74.1.7, and 40 CFR part 63, Subpart AAAA 63.1960.

RES personnel walked the surface of the landfill on a grid-by-grid basis with the wand tip held at 3 inches from the landfill surface. While sampling the grid, the technicians also checked any surface impoundments (wells or otherwise) for leaks. Technicians also checked any surface cracks, seeps, or other areas that show evidence of surface emissions (odors or distressed vegetation). Active and sloped areas excluded for safety were documented on field data sheets and maps.

All instantaneous surface monitoring was performed in accordance with the applicable requirements referenced in this report. Any detections of methane above 200 ppmv (areas of concern) or 500 ppmv (exceedances) for instantaneous were recorded, flagged, and marked on an SEM Map, which, wherever required, is included in the Attachments of this report. Applicable corrective action and re-monitoring timelines are listed below:

- Re-monitoring shall be conducted within 10 days of the initial exceedance.
    - If the re-monitoring event shows the exceedance is corrected, the location shall be re-monitored within 1 month of the initial exceedance.
    - If the 1-month re-monitoring event shows the location is still corrected, all re-monitoring requirements have been completed.
- If either the first 10-day or 1-month re-monitoring events show a second exceedance, additional corrective actions shall be completed and a second re-monitoring event shall be conducted within 10 days of the second exceedance.
- If the second 10-day re-monitoring event shows the second exceedance is corrected, the location shall be re-monitored within 1 month of the initial exceedance. If the 1-month re-monitoring event shows the area is still corrected, monitoring requirements have been completed.
- If any location shows three exceedances, an additional well shall be installed within 120 days of the initial exceedance.

Integrated Surface Emissions Monitoring

The Integrated surface monitoring was conducted using a TVA 1000 calibrated to 25 ppmv for the integrated monitoring, which meets or exceeds all guidelines set forth in the CCR Title 17 §95471(a). The field technician traversed the grid walking path over a continuous 25-minute period using the TVA 1000 held at 3 inches above the landfill surface. The Integrated monitoring procedures followed the requirements of CCR Title 17 §95471(c)(2).

Grids with results greater than 25 ppmv were recorded, marked on the SEM map, and flagged for remediation. Any grids with integrated concentrations greater than 25 ppmv are subject to the following corrective action and re-monitoring timeline:

- Re-monitoring shall be conducted within 10 days of the initial exceedance.
- If the 10-day re-monitoring event shows the exceedance is corrected, all re-monitoring requirements have been completed.

- If either the first 10-day re-monitoring event shows a second grid exceedance, additional corrective actions shall be completed and a second re-monitoring event shall be conducted within 10 days of the second exceedance.

- If the second 10-day re-monitoring event shows the second exceedance is corrected, all re-monitoring requirements have been completed.

- If the second 10-day re-monitoring event shows a third grid exceedance, an additional well shall be installed within 120 days of the initial exceedance.

Component Leak Monitoring Procedures

RES personnel monitored the exposed LFG components under positive pressure (pipes, wellheads, valves, blowers, and other mechanical appurtenances) using a TVA 1000 calibrated to 500 ppmv. All leaks measured one half inch or less from the component exceeding the compliance limit of 500 ppmv per requirements outlined in pursuant to CARB Title 17 of California Code of Regulations Subchapter 10, Article 4, Subarticle 6, Section 95464(b)(1)(B) were recorded. Applicable corrective action and re-monitoring timelines are listed below:

- Leaks at or above 500 ppmv must be corrected and re-monitored within 10 days of the initial exceedance.

THIRD QUARTER SEM AND COMPONENT LEAK RESULTS

The following is a summary of the SEM and Component leak monitoring results completed during the Third Quarter 2024.

Instantaneous Surface Emission Monitoring Results

The Instantaneous surface monitoring was performed on September 16, 19, 20, 23, 24 & 25, 2024, in accordance with the NSPS NESHAP, Rule 74.1.17, CCR Title 17 §95469 and ACO. Results and data from the monitoring are presented in Attachment A.

Initial Monitoring Event Exceedances of 500 ppmv

There were forty-two (42) exceedances of 500 ppmv as methane detected during the initial monitoring events conducted on September 23, 24 & 25, 2024. RES personnel remediated the locations, and the following re-monitoring was conducted as described below.

First Ten-Day Re-Monitoring Results

RES personnel performed the first ten-day re-monitoring events on October 3 & 5, 2024. No exceedances were observed during the first ten-day re-monitoring events.

Thirty-Day Re-Monitoring Results

RES personnel performed the thirty-day monitoring event on October 23, 2024. No exceedances were observed during the thirty-day re-monitoring event.

Readings between 200 ppmv and 499 ppmv (Initial and Re-monitored)

There were nineteen (19) readings between 200 ppmv and 499 ppmv, measured as methane detected during the initial monitoring events on September 23 & 24, 2024. Pursuant to CCR Title 17 §95471(c), instantaneous surface emissions exceeding 200 ppmv but below 500 ppmv are required to be recorded. As a best management practice, if these readings occur, SVLRC voluntarily addresses these locations by remediating and re-monitoring all those within this range, during the 10-day re-checks. Therefore, SVLRC and RES personnel performed ten-day re-checks on October 3, 2024, and all nineteen (19) readings were below 200 ppmv. The goal of this is effort is to reduce any future exceedances to improve and reduce overall odors/emissions. Results, if applicable, are summarized in Attachment A. The goal of this is effort is to reduce any future exceedances to improve and reduce overall odors/emissions. Results, if applicable, are summarized in Attachment A.

Integrated Surface Emissions Monitoring Results

The Integrated surface sampling (ISS) was performed on September 16, 20, 23, 24 & 25, 2024, in accordance with the ACO, requirements outlined in CCR Title 17 §95469, and VCAPCD Rule 74.1.17. See Attachment B for details.

Initial Monitoring Event Exceedances of 25 ppmv

There were twenty-six (26) grids with an exceedance above 25 ppmv as methane detected during the initial monitoring events conducted on September 23, 24 & 25, 2024. SVLRC personnel remediated the locations, and the following re-monitoring was conducted as described below.

First Ten-Day Re-Monitoring Results

RES personnel performed the first ten-day re-monitoring event on October 3, 2024. Sixteen (16) exceedances were observed during the ten-day re-monitoring event. RES personnel remediated the locations, and the following re-monitoring was conducted as described below.

Second Ten-Day Re-Monitoring Results

RES personnel performed the second ten-day re-monitoring event on October 11, 2024. No exceedances were observed during the second ten-day re-monitoring event.

The average methane concentration of each grid was recorded during the monitoring event per applicable requirements. See Attachment B for details.

Component Leak Monitoring Results

Component leak monitoring was conducted per the applicable requirements on September 26, 2024. There were zero (0) locations with a component leak detection of greater than 500 ppmv. See Attachment C for details.

WEATHER CONDITIONS

Wind Speed Conductions during the Surface Emission Monitoring Events

Wind speeds during initial monitoring were monitored using a portable weather station. The station has a strip chart that records the wind speed and direction. After completion of monitoring, the strip chart is reviewed by RES office staff to determine the average and maximum wind speeds during the monitoring and the average wind direction during each grid and ensure that the wind speed requirements are met (no gusts greater than 20 mph, average wind speed cannot exceed 10 mph). These values are documented in the field data sheets. The chart data is scanned and included in Attachment D.

Precipitation Requirements

Per the SVLRC's ACO, the initial monitoring event was carefully scheduled so that it could be conducted in compliance with the precipitation requirements (no measurable precipitation within 24 hours). Re-monitoring events are required to adhere to strict timelines. Any conflicts with precipitation requirements are discussed in the results section of this document.

EQUIPMENT CALIBRATION

The portable analyzers were calibrated to meet the instrument specifications requirements of U.S. EPA Method 21. The calibration gas used was methane, diluted to a nominal concentration of 25 ppmv in air for integrated sample analyses and 500 ppmv in air for instantaneous monitoring to comply with the requirements.

All analyzers were calibrated prior to use with required response time and precision related instrument checks. Calibration records include the following: One time response time test record; One time response factor determination for methane; Calibration Precision test records (test to be performed every 3 months); and Daily Instrument Calibration and Background test records for each gas meter that was used during the quarterly monitoring event. The calibration log records are included in Attachment E.

All monitoring was completed in accordance with the applicable regulatory requirements or approved alternatives. If you have any questions regarding this report, please do not hesitate to contact the undersigned at (510) 714-6098.

Thank you,
Waste Management

Collin Pavelchik

Collin Pavelchik
Environmental Protection Air Quality Specialist

Attachment A – Instantaneous Surface Emission Monitoring Event Records

- Monitoring Logs and Exceedances
- Surface Monitoring Weather Data
- SEM Map

Attachment B – Integrated Surface Emission Monitoring Event Records

- Monitoring Logs and Exceedances
- Surface Monitoring Weather Data
- SEM Map

Attachment C – Component Leak Monitoring Event Records

- Component Leak Exceedances and Monitoring Logs

Attachment D – Weather Station Data

- Strip Chart Data and Legend

Attachment E – Calibration Records

- Instrument and Gas Calibration Records

Attachment A

Instantaneous Surface Emission Monitoring Event Records

SIMI VALLEY LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: M. ORUG, E. GUZMAN, D. ANDERSON, A. LOPEZ, G. ROBLES

Cal. Gas Exp. Date: 4/27

Date: 9-16-24 Instrument Used: INSpectra Grid Spacing: 25FT

Temperature: 68° Precip: 0 Upwind BG: 1.4 Downwind BG: 2.3

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
25	MO	0749	0809	30.6	3	5	7	
31	MO	0809	0830	29.2	2	4	8	Vegetation
76	MO	0831	0851	55.4	2	4	16	
81	MO	0852	0912	31.5	2	4	10	
75	MO	0913	0923	155.1	4	6	10	
32	MO	1045	1101	36.3	5	7	10	STEEP Slope
74	MO	1102	1119	4.6	4	7	11	STEEP Slope
73	MO	1121	1141	10.1	5	6	12	
83	MO	1142	1203	91.4	5	9	12	
13	DA	0730	0752	15.6	2	4	7	
14	DA	0755	0819	5.9	3	4	6	
15	DA	0822	0847	16.2	2	4	10	
16	DA	0848	0910	20.1	2	4	10	Vegetation
17	DA	0920	0945	6.1	5	6	12	Vegetation
18	DA	1002	1024	5.6	2	5	12	Vegetation
87	DA	1108	1133	17.0	5	9	12	
86	DA	1200	1225	105.8	5	10	12	
7	GR	0728	0748	4.6	1	3	7	
8	GR	0750	0810	16.6	3	5	7	
9	GR	0812	0832	6.3	2	4	6	
10	GR	0833	0853	11.6	2	4	10	
11	GR	0855	0915	13.7	2	4	10	
12	GR	0916	0941	48.2	2	4	10	
65	GR	1004	1024	10.9	2	5	12	Asphalt
66	GR	1025	1045	4.6	4	6	11	Asphalt
67	GR	1048	1108	3.9	4	7	10	Asphalt
68	GR	1110	1135	3.0	5	9	12	
19	EG	0742	0802	4.2	1	3	6	Vegetation
20	EG	0804	0829	8.9	2	4	6	Vegetation/STEEP Slope
21	EG	0830	0855	11.2	2	4	10	Vegetation/STEEP Slope

Attach Calibration Sheet

Attach site map showing grid ID

SIMI VALLEY LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: M. Morua, D. Anderson, G. Robles, E. Guzman, A. Lopez

Cal. Gas Exp. Date: 4/27

Date: 9-16-24 Instrument Used: Inspectra Grid Spacing: 25 ft

Temperature: 68° Precip: 0 Upwind BG: 1.9 Downwind BG: 2.3

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
22	EG	0856	0918	24.0	2	4	10	Vegetation / Steep Slope
23	EG	0920	0941	95.9	5	6	12	Vegetation / Steep Slope
24	EG	0942	1002	17.1	4	7	12	Vegetation / Steep Slope
69	EG	1042	1102	4.0	5	7	10	
70	EG	1103	1123	3.3	5	7	12	
71	EG	1125	1145	4.6	5	9	12	
72	EG	1147	1207	7.8	5	9	12	
1	AL	0723	0743	92.9	1	3	7	Steep Slope / Road
2	AL	0744	0805	7.9	3	5	7	Steep Slope
3	AL	0807	0827	5.2	2	4	8	Steep Slope
4	AL	0828	0848	1.8	2	4	10	Steep Slope
5	AL	0849	0909	1.7	2	4	10	Steep Slope
6	AL	0910	0930	4.6	4	5	11	Steep Slope
91	AL	1004	1029	24	2	5	12	
90	AL	1030	1055	12.1	4	6	10	
89	AL	1056	1121	5.6	5	7	12	Raised Ground / Dumping
88	AL	1122	1147	2.6	5	9	12	

Attach Calibration Sheet
Attach site map showing grid ID

SIMI VALLEY LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: M. ORUE, G. ROBLES, A. LOPEZ, G. GUZMAN, J. medina

Cal. Gas Exp. Date: 4/27

Date: 9-19-24 Instrument Used: INSPECTRA Grid Spacing: 25FT

Temperature: 64° Precip: 0 Upwind BG: 1.6 Downwind BG: 2.4

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
36	MO	0809	0830	17.3	3	4	12	
35	MO	0831	0851	4.9	5	7	12	
34	MO	0851	0908	14.2	4	6	12	DIRT STOCKPILE
33	MO	0909	0924	15.4	4	7	12	STEEP SLOPE/VEGETATION
82	MO	0937	0957	37.2	5	10	11	
100	MO	1041	1056	30.6	5	10	12	HEAVY EQUIPMENT
101	MO	1056	1112	40.3	6	7	11	
102	MO	1113	1133	30.7	5	10	12	
103	MO	1134	1154	140.5	7	10	11	
54	AL	0726	0751	29.0	2	2	13	TRAFFIC
53	AL	0751	0811	7.4	3	3	11	STEEP SLOPE
52	AL	0813	0833	17.1	3	4	12	
51	AL	0835	0855	9.9	5	7	12	
50	AL	0855	0915	11.5	4	7	12	
49	AL	0918	0938	16.0	5	9	12	
92	AL	1031	1051	298.1	5	10	12	
93	AL	1052	1112	21.2	6	7	11	
94	AL	1113	1133	110.1	6	10	12	
95	AL	1134	1154	13.9	7	10	11	
55	JM	0730	0755	136.6	2	2	13	
56	JM	0801	0828	53.4	3	4	12	
57	JM	0833	0855	25.6	5	7	12	
58	JM	0900	0925	150.6	4	7	12	
59	JM	0926	0946	117.6	7	8	11	
60	JM	0947	1005	37.2	5	7	10	
64	JM	1037	1055	23.1	5	10	12	
63	JM	1057	1120	23.4	5	10	12	
62	JM	1121	1139	28.9	5	10	12	
61	JM	1140	1158	20.3	7	10	11	
48	GR	0735	0755	52.4	2	2	13	OBSTRUCTION

Attach Calibration Sheet
Attach site map showing grid ID

SIMI VALLEY LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: M. ORUG, A. LOPEZ, J. medina, G. ROBLES, E. GUZMAN

Cal. Gas Exp. Date: 9/27

Date: 9-19-24 Instrument Used: Inspectra Grid Spacing: 25ft

Temperature: 64° Precip: 0 Upwind BG: 1.6 Downwind BG: 2.4

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
47	GR	0800	0820	18.6	2	5	12	
46	GR	0821	0841	20.2	2	3	12	
45	GR	0842	0903	24.2	4	6	12	
44	GR	0905	0925	31.3	4	7	12	
43	GR	0927	0947	13.0	7	8	11	
96	GR	1035	1055	32.4	5	10	12	
97	GR	1056	1116	35.7	6	7	11	
98	GR	1117	1147	14.0	6	9	12	
99	GR	1146	1156	3.9	7	10	11	Heavy Equipment
42	EG	0754	0819	13.3	2	5	12	STEEP Slope
41	EG	0820	0840	16.0	2	3	12	↓
40	EG	0841	0901	14.3	4	6	12	↓
39	EG	0902	0922	6.4	4	7	12	STEEP Slope/Vegetation
38	EG	0923	0943	4.9	7	8	11	STEEP Slope
37	EG	0949	1004	4.7	5	7	10	↓
80	EG	1027	1047	8.0	7	11	11	↓
77	EG	1049	1109	21.6	6	7	11	↓
30	EG	1110	1130	6.7	5	10	12	↓
26	EG	1132	1152	21.1	7	10	11	STEEP Slope/Vegetation

Attach Calibration Sheet
Attach site map showing grid ID

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SIMI VALLEY LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: M. ORUC, D. LARA, A. LOPEZ, J. MECHNER, L. ARevalo

Cal. Gas Exp. Date: 4/27

Date: 9-20-24 Instrument Used: INSPECTRA Grid Spacing: 25 FT

Temperature: 65° Precip: 0 Upwind BG: 1.4 Downwind BG: 2.3

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
141	MO	0816	0836	5.7	2	4	6	STEEP SLOPE
140	MO	0837	0857	6.0	5	6	6	
114	MO	0858	0918	6.6	5	7	7	
85	DA	0726	0752	52.1	5	7	6	DIRT STOCKPILE
110	DA	0804	0829	162.6	2	4	6	
112	DA	0858	0926	99.5	5	7	6	
113	DA	0930	0951	196.0	5	7	6	
27	AL	0705	0730	166.6	5	6	4	TRAFFIC
29	AL	0731	0751	75.6	6	9	6	Road / STEEP SLOPE
115	AL	0813	0833	125.5	2	4	6	STEEP SLOPE
79	AL	0835	0855	45.4	5	6	6	TRAFFIC
28	AL	0853	0915	43.4	5	7	7	TRAFFIC
104	JM	0711	0737	934.9	6	7	4	
105	JM	0741	0810	511.3	5	6	6	
107	JM	0847	0907	176.5	4	6	6	
108	JM	0909	0926	87.3	5	7	8	
109	JM	0928	0945	137.0	5	7	6	
84	LA	0728	0749	93.1	3	5	5	DIRT STOCKPILE
142	LA	0804	0824	176.1	4	7	5	STEEP SLOPE
143	LA	0833	0852	54.4	5	6	6	
144	LA	0855	0915	79.7	5	7	7	
145	LA	0933	0955	359.0	6	7	6	

Attach Calibration Sheet
Attach site map showing grid ID

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SIMI VALLEY LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: M. Orus, A. Lopez, E. Guzman, R. Jones, L. Zeff

Cal. Gas Exp. Date: 4/27

Date: 9-23-24 Instrument Used: TVSpectra Grid Spacing: 25FT

Temperature: 71° Precip: 0 Upwind BG: 1.3 Downwind BG: 2.4

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
123	MO	0835	0845	421.0	5	7	6	STEEP SLOPE
124	MO	0846	0855	5.6	5	7	7	STEEP SLOPE/VEGETATION
125	MO	0918	0926	5.8	5	6	6	STEEP SLOPE/VEGETATION
126	MO	0927	0941	9.3	5	6	7	STEEP SLOPE
127	MO	0942	0957	21.1	4	6	6	STEEP SLOPE
165	MO	1139	1200	477.7	3	6	8	
114	AL	0732	0759	154.3	3	5	7	
116	AL	0802	0827	533.6	3	5	7	
117	AL	0828	0848	781.3	5	7	6	ACTIVE DUMPING
150	AL	0915	0930	79.9	5	6	6	STEEP SLOPE/DIRT PILE
151	AL	0937	0952	76.2	4	6	6	STEEP SLOPE
152	AL	0953	1008	29.4	4	6	7	STEEP SLOPE
153	AL	1009	1024	137.5	4	6	8	STEEP SLOPE
174	AL	1035	1055	231.6	5	7	8	STONE PILES
173	AL	1055	1115	661.6	5	7	8	CATCH FENCE
158	AL	1132	1155	937.6	3	6	8	STEEP SLOPE
139	EG	0745	0805	471.4	4	5	7	FENCE
138	EG	0806	0826	231.6	3	5	7	HEAVY EQUIPMENT
137	EG	0827	0847	90.6	5	7	6	STEEP SLOPE/HEAVY EQUIPMENT
136	EG	0848	0908	154.9	4	6	7	STEEP SLOPE
135	EG	0909	0929	106.3	5	6	6	STEEP SLOPE
134	EG	0931	0941	397.8	5	6	7	STEEP SLOPE
133	EG	0947	0958	136.1	4	6	6	STEEP SLOPE
132	EG	0959	1009	310.4	4	6	7	STEEP SLOPE
131	EG	1010	1020	169.6	4	6	8	STEEP SLOPE
176	EG	1042	1102	513.3	5	7	8	FENCE
175	EG	1104	1124	236.2	5	7	8	FENCE
163	EG	1138	1158	235.6	3	6	8	STEEP SLOPE
105	RJ	0753	0813	511.3	4	6	8	DIRT PILE
143	RJ	0823	0843	54.4	5	7	10	

Attach Calibration Sheet
Attach site map showing grid ID

SIMI VALLEY LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: M. ORTIZ, A. LOPEZ, E. GUZMAN, R. JONES, L. LEIT

Cal. Gas Exp. Date: 4/27

Date: 9-23-24 Instrument Used: Inspectra Grid Spacing: _____

Temperature: 71° Precip: 0 Upwind BG: 1.3 Downwind BG: 2.4

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
145	RJ	0844	0904	359.0	4	6	7	
146	RJ	0905	0925	170.4	5	6	6	Haul Road
157	RJ	0927	0947	30.6	5	6	7	
128	RJ	1015	1031	263.2	5	6	6	STEEP SLOPE
129	RJ	1032	1047	961.6	5	7	6	STEEP SLOPE
130	RJ	1047	1105	216.3	5	7	6	STEEP SLOPE / TRAFFIC
161	RJ	1131	1149	273.1	3	5	6	TRASH PILE
104	LZ	0751	0813	934.9	4	6	6	
149	LZ	0825	0845	144.0	5	7	6	
148	LZ	0849	0919	213.2	5	7	6	
147	LZ	0918	0941	612.1	5	6	7	
164	LZ	0942	1007	311.5	4	6	7	
156	LZ	1020	1032	40.6	5	6	6	STEEP SLOPE
155	LZ	1036	1045	23.1	5	7	6	STEEP SLOPE
154	LZ	1045	1101	113.6	5	7	6	STEEP SLOPE
159	LZ	1030	1156	229.6	3	6	6	

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SIMI VALLEY LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: G. Robles, L. Zeit, J. Medina, E. Guzman

Cal. Gas Exp. Date: 4/27

Date: 9-24-24 Instrument Used: Inspectra Grid Spacing: 25FT

Temperature: 68° Precip: 0 Upwind BG: 1.3 Downwind BG: 2.6

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
189	GR	0730	0750	526.70	4	5	6	Obstruction
188	GR	0752	0812	853.50	2	3	6	Obstruction
187	GR	0813	0833	256.3	3	5	6	Vegetation
186	GR	0834	0859	785.3	3	5	6	Vegetation
181	JM	0741	0752	395.1	4	5	6	Gravel Pile
180	JM	0755	0811	4994.1	2	3	6	Haul Road
179	JM	0814	0828	1581.0	3	5	6	Haul Road
178	JM	0830	0849	1712.1	3	5	6	Gravel / Heavy Equipment
168	EG	0732	0752	854.2	4	5	6	Steep Slope / Fence
78	EG	0759	0819	120.6	2	3	6	Steep Slope
182	LZ	0725	0750	1632.0	4	5	6	
183	LZ	0750	0812	2259.9	2	3	6	
184	LZ	0812	0837	889.2	3	5	6	
185	LZ	0838	0903	136.9	3	4	7	

Attach Calibration Sheet
Attach site map showing grid ID

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SIMI VALLEY LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: M. ORVA _____ _____ _____

_____ _____ _____

_____ _____ Cal. Gas Exp. Date: _____

Date: 9-24-24 Instrument Used: _____ Grid Spacing: _____

Temperature: _____ Precip: _____ Upwind BG: _____ Downwind BG: _____

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
118								Heavy Equipment
119								
120								
121								
122								
160								
162								
166								
167								
177								
200								
201								
202								
203								
169								Active TRASH
170								
171								
172								
190								
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Simi Valley 3RD Qtr 2024

Name	UserId	FirstReadingDateTime	LastReadingDateTime	Type	SerialNumber	ReadingTypeDetails	PenPointLatitude	PenPointLongitude	MaxCH4	AverageCH4	Reading Count
2024Q3_Penetration3	RES004	09/25/2024 09:27.027 AM	09/25/2024 09:27.027 AM	InspectraBLE	761121	SVL2344A	34.3020888	-118.7878442	43238.5	11511.918	4
2024Q3_Penetration3	RES001	09/24/2024 11:13.097 AM	09/25/2024 09:19.657 AM	InspectraBLE	1001221	SIMHL003	34.29816743	-118.7945674	4722.6	211.432	24
2024Q3_Penetration3	RES002	09/25/2024 10:41.997 AM	09/25/2024 11:21.540 AM	InspectraBLE	881221	SIMW2224	34.29784354	-118.7959731	1981.4	8.445	485
2024Q3_Penetration3	RES003	09/24/2024 09:57.263 AM	09/24/2024 09:57.263 AM	InspectraBLE	1011221	SVL2468W	34.2993548	-118.7966442	1919.7	497.930	2
2024Q3_Penetration3	RES001	09/24/2024 09:08.610 AM	09/24/2024 09:14.237 AM	InspectraBLE	1001221	SIMW2002	34.29957329	-118.7944047	1518.5	182.232	9
2024Q3_Penetration3	RES003	09/24/2024 10:04.327 AM	09/24/2024 10:09.347 AM	InspectraBLE	1011221	SIMW2099	34.29948284	-118.7959145	1507.4	123.575	54
2024Q3_Penetration3	RES002	09/24/2024 11:30.457 AM	09/24/2024 11:30.460 AM	InspectraBLE	881221	SIMW007R	34.29414669	-118.7975883	1301.2	400.109	2
2024Q3_Penetration3	RES003	09/24/2024 09:42.140 AM	09/24/2024 09:43.150 AM	InspectraBLE	1011221	SIMW2059	34.29866143	-118.7962132	1151.6	287.093	9
2024Q3_Penetration3	RES002	09/25/2024 08:41.347 AM	09/25/2024 08:42.343 AM	InspectraBLE	881221	SIMW1101	34.29877703	-118.7947922	741.7	76.372	2
2024Q3_Penetration3	RES003	09/24/2024 10:01.307 AM	09/24/2024 10:02.313 AM	InspectraBLE	1011221	SVL2475W	34.29947302	-118.7954707	724.2	293.929	6
2024Q3_Penetration3	RES001	09/24/2024 09:58.610 AM	09/24/2024 10:00.720 AM	InspectraBLE	1001221	SVL2480W	34.29890449	-118.7958574	714.8	164.895	7
2024Q3_Penetration3	RES004	09/25/2024 09:34.077 AM	09/25/2024 09:34.077 AM	InspectraBLE	761121	SVL2343A	34.3021056	-118.7885088	660.0	335.315	4
2024Q3_Penetration3	RES001	09/25/2024 07:43.043 AM	09/25/2024 07:43.047 AM	InspectraBLE	1001221	SIMW0901	34.29737335	-118.7921156	648.4	87.644	7
2024Q3_Penetration3	RES001	09/25/2024 09:48.803 AM	09/25/2024 09:49.780 AM	InspectraBLE	1001221	SIMW2001	34.29968963	-118.7951447	583.1	89.192	3
2024Q3_Penetration3	RES005	09/25/2024 08:47.847 AM	09/25/2024 08:48.827 AM	InspectraBLE	811121	SVL2466W	34.30156258	-118.791383	571.7	168.974	2
2024Q3_Penetration3	RES001	09/24/2024 10:34.883 AM	09/24/2024 10:35.883 AM	InspectraBLE	1001221	SIMH022N	34.2958363	-118.7919276	565.7	90.382	11
2024Q3_Penetration3	RES001	09/25/2024 09:15.617 AM	09/25/2024 09:15.623 AM	InspectraBLE	1001221	SIMW1803	34.29811071	-118.7950421	560.1	219.645	4
2024Q3_Penetration3	RES005	09/25/2024 08:57.880 AM	09/25/2024 08:57.883 AM	InspectraBLE	811121	SIMW1811	34.3007408	-118.7922304	447.6	60.997	2
2024Q3_Penetration3	RES004	09/25/2024 08:54.780 AM	09/25/2024 08:55.780 AM	InspectraBLE	761121	SVL2346A	34.3023253	-118.7863307	345.1	124.975	9
2024Q3_Penetration3	RES001	09/24/2024 09:55.590 AM	09/24/2024 09:55.593 AM	InspectraBLE	1001221	SIM2352S	34.299236	-118.7964092	339.1	129.912	4
2024Q3_Penetration3	RES003	09/25/2024 12:26.387 PM	09/25/2024 12:30.430 PM	InspectraBLE	1011221	SIMSVE03	34.29988732	-118.7916797	274.2	101.390	9
2024Q3_Penetration3	RES005	09/25/2024 09:53.157 AM	09/25/2024 09:54.560 AM	InspectraBLE	811121	SIMW2077	34.30000925	-118.7971048	261.0	40.639	6
2024Q3_Penetration3	RES004	09/25/2024 09:43.133 AM	09/25/2024 09:43.137 AM	InspectraBLE	761121	SIM2109A	34.30196846	-118.7895975	244.2	43.043	3
2024Q3_Penetration3	RES001	09/24/2024 10:48.953 AM	09/24/2024 10:49.957 AM	InspectraBLE	1001221	SIMW0057	34.2944708	-118.8002794	223.0	39.823	8
2024Q3_Penetration3	RES001	09/25/2024 08:07.190 AM	09/25/2024 08:07.190 AM	InspectraBLE	1001221	SIM2061S	34.29783068	-118.7933389	198.9	80.698	5
2024Q3_Penetration3	RES002	09/25/2024 09:40.653 AM	09/25/2024 09:43.707 AM	InspectraBLE	881221	SIM1405B	34.29618173	-118.7980959	163.4	51.353	6
2024Q3_Penetration3	RES005	09/25/2024 09:32.053 AM	09/25/2024 09:33.407 AM	InspectraBLE	811121	SVL2463W	34.30110092	-118.7954185	153.6	41.025	6
2024Q3_Penetration3	RES001	09/25/2024 08:56.513 AM	09/25/2024 08:57.513 AM	InspectraBLE	1001221	SIMW2057	34.29829955	-118.7943894	151.1	73.786	4
2024Q3_Penetration3	RES001	09/24/2024 09:38.157 AM	09/24/2024 09:38.163 AM	InspectraBLE	1001221	SIMW2099	34.29948284	-118.7959145	150.0	70.056	20
2024Q3_Penetration3	RES001	09/24/2024 09:32.120 AM	09/24/2024 09:33.370 AM	InspectraBLE	1001221	SVL2481W	34.29919226	-118.7952066	135.6	56.515	19
2024Q3_Penetration3	RES004	09/25/2024 09:41.117 AM	09/25/2024 09:41.137 AM	InspectraBLE	761121	SVL2342A	34.3022575	-118.789456	113.3	47.634	2
2024Q3_Penetration3	RES003	09/24/2024 09:48.203 AM	09/24/2024 09:51.217 AM	InspectraBLE	1011221	SIMW0819	34.29869374	-118.7968802	106.2	52.146	16
2024Q3_Penetration3	RES003	09/24/2024 09:49.210 AM	09/24/2024 09:49.210 AM	InspectraBLE	1011221	SIMW0816	34.29743577	-118.7985144	98.4	91.074	1
2024Q3_Penetration3	RES004	09/25/2024 08:51.753 AM	09/25/2024 08:51.757 AM	InspectraBLE	761121	SIM2113A	34.30319928	-118.7860017	96.5	54.756	5
2024Q3_Penetration3	RES001	09/25/2024 10:08.733 AM	09/25/2024 10:11.747 AM	InspectraBLE	1001221	SIM2338A	34.2987961	-118.7952248	95.7	28.645	10
2024Q3_Penetration3	RES005	09/25/2024 09:01.900 AM	09/25/2024 09:01.257 AM	InspectraBLE	811121	SIMW2089	34.30115913	-118.7920444	85.0	38.144	12
2024Q3_Penetration3	RES001	09/25/2024 09:33.707 AM	09/25/2024 09:33.707 AM	InspectraBLE	1001221	SIM1783D	34.29616056	-118.7948425	84.5	69.408	1
2024Q3_Penetration3	RES003	09/24/2024 10:03.320 AM	09/24/2024 10:04.323 AM	InspectraBLE	1011221	SIMH021S	34.29255916	-118.7972909	77.7	59.949	4
2024Q3_Penetration3	RES005	09/25/2024 09:41.103 AM	09/25/2024 09:42.450 AM	InspectraBLE	811121	SVL2460W	34.30040647	-118.7960517	74.1	30.157	10
2024Q3_Penetration3	RES004	09/25/2024 08:16.527 AM	09/25/2024 08:16.530 AM	InspectraBLE	761121	SIM2118A	34.30552347	-118.7898914	72.2	53.238	5
2024Q3_Penetration3	RES003	09/24/2024 09:49.207 AM	09/24/2024 09:49.217 AM	InspectraBLE	1011221	SIM2105A	34.30079323	-118.7909332	72.1	54.900	4
2024Q3_Penetration3	RES004	09/25/2024 08:15.523 AM	09/25/2024 08:15.530 AM	InspectraBLE	761121	SVL2348A	34.3057396	-118.7899481	70.9	51.754	4
2024Q3_Penetration3	RES005	09/25/2024 09:14.963 AM	09/25/2024 09:41.447 AM	InspectraBLE	811121	SVL2464W	34.30093128	-118.7940277	70.1	12.867	16
2024Q3_Penetration3	RES004	09/25/2024 08:17.547 AM	09/25/2024 08:23.583 AM	InspectraBLE	761121	SIM2332A	34.3057785	-118.7899475	68.5	35.062	6
2024Q3_Penetration3	RES001	09/25/2024 09:20.640 AM	09/25/2024 09:20.640 AM	InspectraBLE	1001221	SIMHL002	34.29828231	-118.794556	67.9	17.091	4
2024Q3_Penetration3	RES001	09/24/2024 10:22.827 AM	09/24/2024 10:24.837 AM	InspectraBLE	1001221	SIMLR31A	34.29991045	-118.7992154	66.6	20.466	11

2024Q3_Penetration3	RES002	09/25/2024 09:48.727 AM	09/25/2024 10:00.783 AM	InspectraBLE	881221 SIM1406B	34.29579009	-118.7979935	61.4	9.626	146
2024Q3_Penetration3	RES002	09/24/2024 10:27.333 AM	09/24/2024 10:27.333 AM	InspectraBLE	881221 SIMW1802	34.29813799	-118.793583	58.4	27.996	5
2024Q3_Penetration3	RES005	09/24/2024 10:55.970 AM	09/24/2024 10:56.973 AM	InspectraBLE	811121 SIMW2045	34.29545748	-118.7934728	57.5	14.444	4
2024Q3_Penetration3	RES001	09/24/2024 08:36.227 AM	09/24/2024 08:37.223 AM	InspectraBLE	1001221 SVL2472W	34.30045985	-118.7934525	56.7	44.028	13
2024Q3_Penetration3	RES003	09/25/2024 07:43.377 AM	09/25/2024 07:43.380 AM	InspectraBLE	1011221 SIMW1232	34.29350483	-118.7953778	55.9	26.086	4
2024Q3_Penetration3	RES004	09/25/2024 09:38.107 AM	09/25/2024 09:38.107 AM	InspectraBLE	761121 SIM2125A	34.30194439	-118.7890964	54.2	41.347	5
2024Q3_Penetration3	RES005	09/25/2024 09:17.977 AM	09/25/2024 09:18.327 AM	InspectraBLE	811121 SIMW2091	34.30129157	-118.7939957	49.4	31.245	12
2024Q3_Penetration3	RES002	09/25/2024 10:38.977 AM	09/25/2024 10:38.977 AM	InspectraBLE	881221 SIM1938S	34.29748459	-118.796323	49.1	34.449	3
2024Q3_Penetration3	RES004	09/25/2024 08:12.737 AM	09/25/2024 08:12.737 AM	InspectraBLE	761121 SIM1570S	34.29532122	-118.7928732	48.2	57.210	1
2024Q3_Penetration3	RES003	09/24/2024 09:29.493 AM	09/24/2024 10:09.357 AM	InspectraBLE	1011221 SVL2010B	34.29861332	-118.7949214	48.0	11.735	21
2024Q3_Penetration3	RES002	09/25/2024 08:43.353 AM	09/25/2024 08:43.357 AM	InspectraBLE	881221 SIM1673S	34.29505802	-118.7968246	47.6	10.750	2
2024Q3_Penetration3	RES002	09/25/2024 09:47.720 AM	09/25/2024 09:47.727 AM	InspectraBLE	881221 SIMW1806	34.29570875	-118.7980809	45.5	23.517	9
2024Q3_Penetration3	RES003	09/24/2024 10:09.357 AM	09/24/2024 10:09.357 AM	InspectraBLE	1011221 SIMW2070	34.30023628	-118.7919298	45.5	12.933	4
2024Q3_Penetration3	RES004	09/25/2024 09:30.043 AM	09/25/2024 09:30.047 AM	InspectraBLE	761121 SIM2126A	34.30186867	-118.7877573	42.7	30.921	5
2024Q3_Penetration3	RES004	09/25/2024 08:11.727 AM	09/25/2024 08:11.737 AM	InspectraBLE	761121 SIM2331A	34.30559921	-118.7907104	42.4	10.452	6
2024Q3_Penetration3	RES001	09/24/2024 08:43.260 AM	09/24/2024 08:43.263 AM	InspectraBLE	1001221 SIMW2219	34.29900123	-118.7930572	41.9	38.014	7
2024Q3_Penetration3	RES004	09/25/2024 08:13.743 AM	09/25/2024 08:14.523 AM	InspectraBLE	761121 SIM2135C	34.3060408	-118.7889627	41.8	30.877	7
2024Q3_Penetration3	RES004	09/25/2024 08:37.663 AM	09/25/2024 08:38.667 AM	InspectraBLE	761121 SIMLR22A	34.30401176	-118.7861184	39.7	26.504	6
2024Q3_Penetration3	RES001	09/25/2024 08:05.183 AM	09/25/2024 08:05.183 AM	InspectraBLE	1001221 SIM2052S	34.29721462	-118.7934753	38.4	33.694	1
2024Q3_Penetration3	RES004	09/25/2024 09:32.063 AM	09/25/2024 09:33.063 AM	InspectraBLE	761121 SIM2110A	34.30192852	-118.7891224	38.4	21.993	4
2024Q3_Penetration3	RES005	09/25/2024 09:39.087 AM	09/25/2024 09:39.437 AM	InspectraBLE	811121 SVL2461W	34.30092353	-118.7961825	38.1	28.066	6
2024Q3_Penetration3	RES001	09/24/2024 08:33.203 AM	09/24/2024 08:33.207 AM	InspectraBLE	1001221 SVL2479W	34.30015832	-118.7926242	36.5	31.803	8
2024Q3_Penetration3	RES001	09/24/2024 08:41.250 AM	09/24/2024 08:42.250 AM	InspectraBLE	1001221 SIMW1816	34.29950869	-118.7932693	36.2	34.492	7
2024Q3_Penetration3	RES001	09/24/2024 09:00.570 AM	09/25/2024 09:40.733 AM	InspectraBLE	1001221 SVL2471W	34.30029458	-118.7942178	35.2	16.529	39
2024Q3_Penetration3	RES001	09/24/2024 08:38.230 AM	09/24/2024 08:38.233 AM	InspectraBLE	1001221 SIMW1815	34.30013117	-118.7933472	34.5	28.954	6
2024Q3_Penetration3	RES004	09/25/2024 09:27.023 AM	09/25/2024 09:27.023 AM	InspectraBLE	761121 SIM2353A	34.2976211	-118.7932764	33.9	31.784	1
2024Q3_Penetration3	RES003	09/24/2024 10:12.380 AM	09/24/2024 10:13.393 AM	InspectraBLE	1011221 SVL2470W	34.29994553	-118.7954144	33.6	5.997	17
2024Q3_Penetration3	RES003	09/24/2024 09:48.203 AM	09/24/2024 09:48.200 AM	InspectraBLE	1011221 SIMW0817	34.29799582	-118.7982645	32.3	14.069	3
2024Q3_Penetration3	RES001	09/24/2024 10:21.840 AM	09/24/2024 10:21.823 AM	InspectraBLE	1001221 SIMW2076	34.29983056	-118.7978553	30.7	17.089	5
2024Q3_Penetration3	RES001	09/24/2024 08:49.013 AM	09/24/2024 08:53.540 AM	InspectraBLE	1001221 SVL2483W	34.29885392	-118.7935513	30.6	19.391	11
2024Q3_Penetration3	RES001	09/24/2024 09:02.587 AM	09/24/2024 09:06.610 AM	InspectraBLE	1001221 SVL2476W	34.29973947	-118.7927947	30.4	21.850	40
2024Q3_Penetration3	RES001	09/24/2024 10:12.773 AM	09/24/2024 10:12.777 AM	InspectraBLE	1001221 SIMW0819	34.29869374	-118.7968802	30.2	15.907	7
2024Q3_Penetration3	RES005	09/25/2024 08:30.737 AM	09/25/2024 08:30.737 AM	InspectraBLE	811121 SIMW1819	34.30139667	-118.7926924	30.2	20.103	7
2024Q3_Penetration3	RES001	09/24/2024 10:01.727 AM	09/24/2024 10:01.727 AM	InspectraBLE	1001221 SVL2458W	34.30015439	-118.7968069	30.1	28.458	1
2024Q3_Penetration3	RES001	09/24/2024 08:39.237 AM	09/24/2024 08:40.250 AM	InspectraBLE	1001221 SVL2478W	34.29982615	-118.7934319	28.3	27.713	9
2024Q3_Penetration3	RES004	09/25/2024 08:21.560 AM	09/25/2024 08:21.570 AM	InspectraBLE	761121 SVL2349A	34.3060548	-118.7889386	28.1	23.776	5
2024Q3_Penetration3	RES001	09/24/2024 09:41.180 AM	09/24/2024 09:42.177 AM	InspectraBLE	1001221 SVL2468W	34.2993548	-118.7966442	27.9	12.355	15
2024Q3_Penetration3	RES003	09/24/2024 10:16.413 AM	09/24/2024 10:31.627 AM	InspectraBLE	1011221 SIMW2074	34.29975659	-118.7965152	27.6	6.846	176
2024Q3_Penetration3	RES004	09/25/2024 08:36.657 AM	09/25/2024 08:36.660 AM	InspectraBLE	761121 SIM2114A	34.3043003	-118.7861311	27.5	21.356	4
2024Q3_Penetration3	RES001	09/24/2024 08:34.213 AM	09/24/2024 08:35.217 AM	InspectraBLE	1001221 SIMW1814	34.30042547	-118.7927607	26.4	24.794	6
2024Q3_Penetration3	RES004	09/25/2024 08:43.700 AM	09/25/2024 08:44.703 AM	InspectraBLE	761121 SIM2336A	34.3039873	-118.7861843	26.0	12.277	5
2024Q3_Penetration3	RES001	09/24/2024 09:31.113 AM	09/24/2024 09:31.123 AM	InspectraBLE	1001221 SIMW1101	34.298777C3	-118.7947922	25.8	12.938	15
2024Q3_Penetration3	RES003	09/25/2024 08:36.687 AM	09/25/2024 08:36.693 AM	InspectraBLE	1011221 SIMSVE02	34.2927799	-118.7939742	25.5	21.887	6
2024Q3_Penetration3	RES005	09/25/2024 08:41.790 AM	09/25/2024 08:41.797 AM	InspectraBLE	811121 SIMW2211	34.30143743	-118.7917483	24.3	19.308	6
2024Q3_Penetration3	RES001	09/25/2024 10:28.830 AM	09/25/2024 10:28.830 AM	InspectraBLE	1001221 SIM2337A	34.2987613	-118.7955521	23.3	18.892	2
2024Q3_Penetration3	RES004	09/25/2024 08:35.653 AM	09/25/2024 08:35.653 AM	InspectraBLE	761121 SIM2135A	34.3045549	-118.7862913	23.2	20.454	5
2024Q3_Penetration3	RES001	09/25/2024 08:06.187 AM	09/25/2024 08:06.187 AM	InspectraBLE	1001221 SIMW2065	34.29625247	-118.7933231	22.6	19.158	1

2024Q3_Penetration3	RES003	09/24/2024 09:49.207 AM	09/24/2024 09:49.207 AM	InspectraBLE	1011221	SIM1362A	34.29488328	-118.7958244	21.1	16.542	1
2024Q3_Penetration3	RES003	09/25/2024 08:23.630 AM	09/25/2024 08:24.617 AM	InspectraBLE	1011221	SIMW805D	34.29371467	-118.7959991	21.1	15.611	5
2024Q3_Penetration3	RES001	09/25/2024 08:31.363 AM	09/25/2024 08:43.427 AM	InspectraBLE	1001221	SIMHL001	34.29860973	-118.7941309	20.9	10.211	9
2024Q3_Penetration3	RES003	09/24/2024 09:27.477 AM	09/24/2024 09:29.483 AM	InspectraBLE	1011221	SIM2118A	34.30552347	-118.7898914	20.4	11.215	25
2024Q3_Penetration3	RES001	09/24/2024 08:48.497 AM	09/24/2024 08:48.010 AM	InspectraBLE	1001221	SIM2111A	34.30184654	-118.7876388	20.1	19.969	2
2024Q3_Penetration3	RES003	09/24/2024 10:14.397 AM	09/24/2024 10:16.410 AM	InspectraBLE	1011221	SVL2469W	34.29985543	-118.7961932	19.7	9.223	20
2024Q3_Penetration3	RES005	09/25/2024 10:49.847 AM	09/25/2024 10:49.393 AM	InspectraBLE	811121	SIMW2073	34.29997561	-118.7957563	19.2	11.713	17
2024Q3_Penetration3	RES004	09/25/2024 09:26.017 AM	09/25/2024 09:26.020 AM	InspectraBLE	761121	SIM2115C	34.30184864	-118.787582	18.6	13.692	5
2024Q3_Penetration3	RES004	09/25/2024 08:41.687 AM	09/25/2024 08:41.683 AM	InspectraBLE	761121	SVL2351A	34.3041023	-118.7862237	18.6	12.464	4
2024Q3_Penetration3	RES001	09/24/2024 08:45.277 AM	09/24/2024 08:46.280 AM	InspectraBLE	1001221	SIMW2058	34.2986643	-118.7932549	18.4	16.797	11
2024Q3_Penetration3	RES003	09/24/2024 11:01.790 AM	09/24/2024 11:03.803 AM	InspectraBLE	1011221	SIMW709S	34.29286166	-118.7963261	18.3	5.699	27
2024Q3_Penetration3	RES001	09/24/2024 08:58.557 AM	09/24/2024 08:58.563 AM	InspectraBLE	1001221	SIMW2214	34.29984333	-118.7938071	18.2	17.936	7
2024Q3_Penetration3	RES004	09/25/2024 09:29.037 AM	09/25/2024 09:29.040 AM	InspectraBLE	761121	SIM2111A	34.30184654	-118.7876388	17.7	15.007	4
2024Q3_Penetration3	RES005	09/25/2024 08:23.713 AM	09/25/2024 08:24.713 AM	InspectraBLE	811121	SIMW1818	34.30109396	-118.7933966	17.5	13.341	6
2024Q3_Penetration3	RES005	09/25/2024 08:29.730 AM	09/25/2024 08:29.737 AM	InspectraBLE	811121	SIMW1810	34.30096783	-118.7927786	17.3	9.503	7
2024Q3_Penetration3	RES002	09/25/2024 11:52.693 AM	09/25/2024 11:52.693 AM	InspectraBLE	881221	SVL2474W	34.30099288	-118.7912649	17.3	9.059	6
2024Q3_Penetration3	RES004	09/25/2024 08:48.733 AM	09/25/2024 08:48.737 AM	InspectraBLE	761121	SIM2129A	34.30320527	-118.7859738	17.1	11.996	5
2024Q3_Penetration3	RES005	09/25/2024 08:25.713 AM	09/25/2024 08:25.723 AM	InspectraBLE	811121	SIMW2090	34.30149758	-118.7933377	16.7	14.549	6
2024Q3_Penetration3	RES001	09/24/2024 09:29.350 AM	09/24/2024 09:29.353 AM	InspectraBLE	1001221	SIM2339A	34.2988593	-118.7949124	16.3	12.226	21
2024Q3_Penetration3	RES004	09/25/2024 08:43.697 AM	09/25/2024 08:43.700 AM	InspectraBLE	761121	SVL2347A	34.3041265	-118.7862117	15.8	12.707	4
2024Q3_Penetration3	RES003	09/25/2024 07:52.443 AM	09/25/2024 07:56.460 AM	InspectraBLE	1011221	SIM2042S	34.29455951	-118.7960318	15.6	7.521	43
2024Q3_Penetration3	RES003	09/24/2024 09:52.227 AM	09/24/2024 09:53.230 AM	InspectraBLE	1011221	SIMW2098	34.29899172	-118.7969312	15.0	10.559	10
2024Q3_Penetration3	RES003	09/25/2024 07:56.460 AM	09/25/2024 07:56.477 AM	InspectraBLE	1011221	SIMW1228	34.29438781	-118.7969257	14.7	10.357	6
2024Q3_Penetration3	RES001	09/24/2024 08:56.557 AM	09/24/2024 08:56.557 AM	InspectraBLE	1001221	SIMW2062	34.2994972	-118.7936225	14.7	13.596	7
2024Q3_Penetration3	RES003	09/25/2024 07:57.460 AM	09/25/2024 07:58.467 AM	InspectraBLE	1011221	SIMW1012	34.29429516	-118.7971328	14.6	9.575	9
2024Q3_Penetration3	RES004	09/25/2024 09:53.463 AM	09/25/2024 09:54.463 AM	InspectraBLE	761121	SIM2106A	34.30097414	-118.7907862	14.6	12.263	3
2024Q3_Penetration3	RES004	09/25/2024 09:52.457 AM	09/25/2024 09:52.457 AM	InspectraBLE	761121	SIM2115F	34.30124952	-118.7905613	14.1	12.003	3
2024Q3_Penetration3	RES003	09/25/2024 11:23.810 AM	09/25/2024 11:24.820 AM	InspectraBLE	1011221	SVL2477W	34.29968585	-118.7941657	13.7	6.722	15
2024Q3_Penetration3	RES004	09/25/2024 08:55.787 AM	09/25/2024 08:56.790 AM	InspectraBLE	761121	SIM2128A	34.30218602	-118.7861886	13.4	7.600	6
2024Q3_Penetration3	RES001	09/24/2024 08:54.557 AM	09/24/2024 08:55.547 AM	InspectraBLE	1001221	SIMW2218	34.29912202	-118.7937799	13.3	12.146	7
2024Q3_Penetration3	RES001	09/25/2024 08:12.223 AM	09/25/2024 08:13.227 AM	InspectraBLE	1001221	SIMW0048	34.29854942	-118.7937001	13.1	10.826	3
2024Q3_Penetration3	RES005	09/25/2024 11:22.497 AM	09/25/2024 11:23.497 AM	InspectraBLE	811121	SIMW2004	34.30043809	-118.7937834	13.1	10.719	11
2024Q3_Penetration3	RES002	09/25/2024 07:56.047 AM	09/25/2024 08:00.070 AM	InspectraBLE	881221	SIMW1229	34.29522672	-118.7963998	13.0	7.189	8
2024Q3_Penetration3	RES001	09/24/2024 10:02.730 AM	09/24/2024 10:02.730 AM	InspectraBLE	1001221	SVL2473W	34.30086928	-118.7919692	12.6	11.668	1
2024Q3_Penetration3	RES002	09/24/2024 10:22.323 AM	09/24/2024 10:22.317 AM	InspectraBLE	881221	SIM1562S	34.29841658	-118.7930316	12.5	9.612	3
2024Q3_Penetration3	RES002	09/24/2024 11:47.720 AM	09/24/2024 11:49.727 AM	InspectraBLE	881221	SIM1799D	34.29600834	-118.7967711	12.2	4.608	18
2024Q3_Penetration3	RES004	09/25/2024 08:47.727 AM	09/25/2024 08:47.733 AM	InspectraBLE	761121	SIMLR22B	34.30349043	-118.7860385	11.9	7.207	4
2024Q3_Penetration3	RES005	09/25/2024 08:20.700 AM	09/25/2024 08:20.690 AM	InspectraBLE	811121	SIMW1809	34.30081227	-118.7933703	11.8	8.924	6
2024Q3_Penetration3	RES003	09/24/2024 11:03.800 AM	09/24/2024 11:10.837 AM	InspectraBLE	1011221	SIMW09RD	34.29340672	-118.7969475	10.7	3.807	87
2024Q3_Penetration3	RES002	09/25/2024 08:38.343 AM	09/25/2024 08:38.330 AM	InspectraBLE	881221	SIM1793D	34.29472663	-118.7967372	10.6	6.579	4
2024Q3_Penetration3	RES001	09/24/2024 09:17.273 AM	09/24/2024 09:17.257 AM	InspectraBLE	1001221	SVL2482W	34.2989508	-118.7943439	10.4	8.543	9
2024Q3_Penetration3	RES003	09/24/2024 10:58.763 AM	09/24/2024 10:59.777 AM	InspectraBLE	1011221	SIMW0708	34.29293524	-118.7955058	10.4	6.088	23
2024Q3_Penetration3	RES002	09/25/2024 12:06.113 PM	09/25/2024 12:06.117 PM	InspectraBLE	881221	SIMW2079	34.30047172	-118.7955692	10.4	8.708	4
2024Q3_Penetration3	RES004	09/25/2024 09:42.127 AM	09/25/2024 09:42.127 AM	InspectraBLE	761121	SIMW2091	34.30129157	-118.7939957	10.3	8.253	1
2024Q3_Penetration3	RES004	09/25/2024 09:51.447 AM	09/25/2024 09:51.453 AM	InspectraBLE	761121	SIM2107A	34.30159743	-118.7902581	10.1	7.948	6
2024Q3_Penetration3	RES002	09/24/2024 10:34.380 AM	09/24/2024 10:34.380 AM	InspectraBLE	881221	SIM2353A	34.2976211	-118.7932764	10.1	8.471	4
2024Q3_Penetration3	RES003	09/25/2024 07:52.440 AM	09/25/2024 07:52.443 AM	InspectraBLE	1011221	SIM2042D	34.29455951	-118.7960482	9.8	8.163	5

2024Q3_Penetration3	RES005	09/25/2024 09:07.933 AM	09/25/2024 09:08.290 AM	InspectraBLE	811121 SVL2465W	34.30125019	-118.7931385	9.8	5.342	20
2024Q3_Penetration3	RES002	09/24/2024 10:23.330 AM	09/24/2024 10:23.310 AM	InspectraBLE	881221 SIM1562D	34.29841945	-118.7930517	9.8	8.266	4
2024Q3_Penetration3	RES001	09/24/2024 10:14.787 AM	09/24/2024 10:14.787 AM	InspectraBLE	1001221 SIMW2098	34.29899172	-118.7969312	9.7	5.502	3
2024Q3_Penetration3	RES004	09/25/2024 09:54.473 AM	09/25/2024 09:55.470 AM	InspectraBLE	761121 SIM2105A	34.30079323	-118.7909332	9.7	8.858	4
2024Q3_Penetration3	RES002	09/24/2024 11:13.393 AM	09/24/2024 11:13.393 AM	InspectraBLE	881221 SIMW0708	34.29293524	-118.7955058	9.6	8.002	6
2024Q3_Penetration3	RES001	09/24/2024 09:18.260 AM	09/24/2024 09:19.267 AM	InspectraBLE	1001221 SIM2340A	34.2988319	-118.7945273	9.4	8.537	6
2024Q3_Penetration3	RES003	09/25/2024 07:52.437 AM	09/25/2024 08:05.507 AM	InspectraBLE	1011221 SIM1572D	34.2944811	-118.7983143	9.4	5.334	7
2024Q3_Penetration3	RES005	09/24/2024 10:28.807 AM	09/24/2024 10:28.807 AM	InspectraBLE	811121 SIM1777D	34.29778329	-118.7946572	9.3	7.701	4
2024Q3_Penetration3	RES003	09/25/2024 08:25.620 AM	09/25/2024 08:28.637 AM	InspectraBLE	1011221 SIMW2235	34.2932185	-118.7960577	9.1	4.554	39
2024Q3_Penetration3	RES003	09/25/2024 07:57.463 AM	09/25/2024 07:57.463 AM	InspectraBLE	1011221 SIMW1233	34.29398447	-118.7945029	8.9	7.606	1
2024Q3_Penetration3	RES002	09/24/2024 10:39.410 AM	09/24/2024 10:39.410 AM	InspectraBLE	881221 SIMW1565	34.29696183	-118.7927778	8.9	7.778	4
2024Q3_Penetration3	RES002	09/25/2024 12:03.107 PM	09/25/2024 12:03.107 PM	InspectraBLE	881221 SIMW2088	34.30071768	-118.7942669	8.9	6.695	4
2024Q3_Penetration3	RES004	09/25/2024 09:32.063 AM	09/25/2024 09:32.063 AM	InspectraBLE	761121 SIM1572D	34.2944811	-118.7983143	8.8	8.342	1
2024Q3_Penetration3	RES005	09/24/2024 11:01.000 AM	09/24/2024 11:01.997 AM	InspectraBLE	811121 SIMW2232	34.2961699	-118.7939458	8.7	6.163	6
2024Q3_Penetration3	RES003	09/25/2024 08:49.793 AM	09/25/2024 08:50.800 AM	InspectraBLE	1011221 SIM1363B	34.29320505	-118.7954759	8.5	6.249	9
2024Q3_Penetration3	RES003	09/24/2024 09:40.137 AM	09/24/2024 09:40.137 AM	InspectraBLE	1011221 SIM2001A	34.29839217	-118.7959583	8.5	6.508	6
2024Q3_Penetration3	RES003	09/25/2024 08:21.597 AM	09/25/2024 08:22.607 AM	InspectraBLE	1011221 SIMW2041	34.2939545	-118.7967894	8.5	6.709	10
2024Q3_Penetration3	RES002	09/25/2024 08:49.383 AM	09/25/2024 08:49.387 AM	InspectraBLE	881221 SIMW2230	34.29545692	-118.7974604	8.5	7.605	7
2024Q3_Penetration3	RES003	09/25/2024 08:37.707 AM	09/25/2024 08:38.707 AM	InspectraBLE	1011221 SIMLR00B	34.29274993	-118.7940533	8.3	5.714	8
2024Q3_Penetration3	RES005	09/24/2024 10:32.827 AM	09/24/2024 10:32.833 AM	InspectraBLE	811121 SIMW2053	34.29787663	-118.7940024	8.3	7.038	5
2024Q3_Penetration3	RES002	09/25/2024 08:51.390 AM	09/25/2024 08:51.393 AM	InspectraBLE	881221 SIMW2229	34.29586576	-118.7974227	8.1	4.530	9
2024Q3_Penetration3	RES001	09/24/2024 09:20.273 AM	09/24/2024 09:21.297 AM	InspectraBLE	1001221 SIMW2221	34.29863701	-118.7941849	8.0	7.675	9
2024Q3_Penetration3	RES004	09/25/2024 09:48.430 AM	09/25/2024 09:48.433 AM	InspectraBLE	761121 SIM2115E	34.30183077	-118.7899911	8.0	7.474	4
2024Q3_Penetration3	RES003	09/25/2024 11:52.977 AM	09/25/2024 12:01.037 PM	InspectraBLE	1011221 SIMW2222	34.29795837	-118.7969681	7.9	4.025	103
2024Q3_Penetration3	RES002	09/25/2024 10:01.787 AM	09/25/2024 10:33.950 AM	InspectraBLE	881221 SIMW2222	34.29795837	-118.7969681	7.8	4.883	5
2024Q3_Penetration3	RES004	09/25/2024 09:48.437 AM	09/25/2024 09:49.437 AM	InspectraBLE	761121 SIM2108A	34.30183918	-118.7899743	7.7	7.279	4
2024Q3_Penetration3	RES004	09/25/2024 09:47.427 AM	09/25/2024 09:47.427 AM	InspectraBLE	761121 SIM2123A	34.30158601	-118.790243	7.5	7.275	4
2024Q3_Penetration3	RES001	09/25/2024 09:00.527 AM	09/25/2024 09:00.530 AM	InspectraBLE	1001221 SIMW2226	34.29806857	-118.7946704	7.4	5.656	3
2024Q3_Penetration3	RES003	09/24/2024 11:12.850 AM	09/25/2024 07:39.357 AM	InspectraBLE	1011221 SIMW707D	34.29417524	-118.7953914	7.4	6.071	12
2024Q3_Penetration3	RES004	09/25/2024 08:34.647 AM	09/25/2024 08:34.650 AM	InspectraBLE	761121 SIMLR23A	34.30435388	-118.7861362	7.3	7.039	3
2024Q3_Penetration3	RES001	09/24/2024 11:50.290 AM	09/24/2024 11:50.293 AM	InspectraBLE	1001221 SIMW1801	34.29659999	-118.7963086	7.1	5.169	6
2024Q3_Penetration3	RES003	09/24/2024 10:32.627 AM	09/24/2024 10:33.637 AM	InspectraBLE	1011221 SIMLR23B	34.30498319	-118.7921697	7.1	5.564	16
2024Q3_Penetration3	RES003	09/25/2024 08:05.507 AM	09/25/2024 08:32.657 AM	InspectraBLE	1011221 SIM1572S	34.29448411	-118.7982812	6.9	5.786	4
2024Q3_Penetration3	RES003	09/25/2024 11:49.973 AM	09/25/2024 11:52.980 AM	InspectraBLE	1011221 SIM1936S	34.30046121	-118.7915409	6.9	3.820	30
2024Q3_Penetration3	RES003	09/25/2024 08:02.493 AM	09/25/2024 08:02.493 AM	InspectraBLE	1011221 SIMW1227	34.29496312	-118.7979558	6.8	5.835	3
2024Q3_Penetration3	RES001	09/24/2024 09:50.467 AM	09/24/2024 09:50.233 AM	InspectraBLE	1001221 SIMW2215	34.29896982	-118.796461	6.8	4.576	14
2024Q3_Penetration3	RES002	09/25/2024 09:33.623 AM	09/25/2024 09:33.623 AM	InspectraBLE	881221 SIMW1222	34.29631565	-118.7970037	6.8	5.768	4
2024Q3_Penetration3	RES004	09/25/2024 08:42.693 AM	09/25/2024 08:42.690 AM	InspectraBLE	761121 SIM2115A	34.3039466	-118.7861058	6.7	5.615	4
2024Q3_Penetration3	RES003	09/25/2024 07:46.400 AM	09/25/2024 07:46.400 AM	InspectraBLE	1011221 SIM1783D	34.29616056	-118.7948425	6.6	6.437	1
2024Q3_Penetration3	RES003	09/25/2024 07:46.393 AM	09/25/2024 07:46.397 AM	InspectraBLE	1011221 SIM1792S	34.29416434	-118.7949635	6.5	5.818	5
2024Q3_Penetration3	RES003	09/25/2024 07:47.403 AM	09/25/2024 07:48.410 AM	InspectraBLE	1011221 SIM1792D	34.29414254	-118.7949962	6.5	5.353	16
2024Q3_Penetration3	RES005	09/25/2024 08:52.867 AM	09/25/2024 08:53.870 AM	InspectraBLE	811121 SIMW2341	34.3009704	-118.7919343	6.5	4.759	7
2024Q3_Penetration3	RES003	09/24/2024 10:34.640 AM	09/24/2024 10:34.647 AM	InspectraBLE	1011221 SIM2064S	34.29510651	-118.7946012	6.4	5.536	3
2024Q3_Penetration3	RES004	09/25/2024 08:28.617 AM	09/25/2024 08:29.613 AM	InspectraBLE	761121 SIM2135B	34.3060078	-118.7880602	6.4	6.077	5
2024Q3_Penetration3	RES002	09/25/2024 07:46.967 AM	09/25/2024 07:46.973 AM	InspectraBLE	881221 SIMW1787	34.29566356	-118.7957732	6.4	5.750	6
2024Q3_Penetration3	RES001	09/25/2024 11:51.313 AM	09/25/2024 11:51.313 AM	InspectraBLE	1001221 SIM2109A	34.30196846	-118.7895975	6.3	5.253	1
2024Q3_Penetration3	RES004	09/25/2024 08:27.610 AM	09/25/2024 08:27.607 AM	InspectraBLE	761121 SIM2334A	34.30604935	-118.7880325	6.3	5.990	4

2024Q3_Penetration3	RES003	09/25/2024 11:45.950 AM	09/25/2024 11:46.947 AM	InspectraBLE	1011221 SIMW1817	34.29952365	-118.7925415	6.3	2.888	5
2024Q3_Penetration3	RES005	09/25/2024 09:25.027 AM	09/25/2024 09:25.370 AM	InspectraBLE	811121 SIMW2092	34.30115072	-118.7946642	6.2	4.997	12
2024Q3_Penetration3	RES004	09/25/2024 08:26.600 AM	09/25/2024 08:26.603 AM	InspectraBLE	761121 SVL2350A	34.306033	-118.7880139	6.2	6.050	4
2024Q3_Penetration3	RES002	09/25/2024 10:01.787 AM	09/25/2024 10:01.797 AM	InspectraBLE	881221 SIMW2048	34.29721749	-118.7977074	6.2	5.415	6
2024Q3_Penetration3	RES004	09/25/2024 08:27.610 AM	09/25/2024 08:28.613 AM	InspectraBLE	761121 SIM2120A	34.3058101	-118.7879521	6.1	6.021	4
2024Q3_Penetration3	RES003	09/25/2024 08:00.480 AM	09/25/2024 08:01.487 AM	InspectraBLE	1011221 SIMW010R	34.2947673	-118.7974798	6.0	4.496	19
2024Q3_Penetration3	RES005	09/25/2024 09:06.930 AM	09/25/2024 09:07.283 AM	InspectraBLE	811121 SIMH022N	34.2958363	-118.7919276	5.9	5.010	10
2024Q3_Penetration3	RES002	09/25/2024 10:35.967 AM	09/25/2024 10:35.967 AM	InspectraBLE	881221 SIMW1796	34.29753916	-118.7971301	5.9	4.547	6
2024Q3_Penetration3	RES005	09/25/2024 08:55.877 AM	09/25/2024 08:55.877 AM	InspectraBLE	811121 SVL2473W	34.30086928	-118.7919692	5.8	5.236	7
2024Q3_Penetration3	RES003	09/24/2024 10:34.647 AM	09/24/2024 10:35.650 AM	InspectraBLE	1011221 SIMW115S	34.29698444	-118.7925534	5.7	4.570	9
2024Q3_Penetration3	RES003	09/25/2024 07:38.357 AM	09/25/2024 07:38.350 AM	InspectraBLE	1011221 SIMW0813	34.2962691	-118.7989756	5.6	5.315	4
2024Q3_Penetration3	RES003	09/25/2024 07:39.357 AM	09/25/2024 07:39.357 AM	InspectraBLE	1011221 SIMW2220	34.2984518	-118.7925569	5.6	5.453	1
2024Q3_Penetration3	RES005	09/25/2024 11:54.683 AM	09/25/2024 11:58.427 AM	InspectraBLE	811121 SIMW2070	34.30023628	-118.7919298	5.6	3.138	25
2024Q3_Penetration3	RES003	09/24/2024 09:33.517 AM	09/24/2024 09:34.517 AM	InspectraBLE	1011221 SIMW2223	34.29823766	-118.7962023	5.6	4.606	10
2024Q3_Penetration3	RES003	09/25/2024 08:00.477 AM	09/25/2024 08:00.477 AM	InspectraBLE	1011221 SIM1788S	34.2952568S	-118.7960564	5.5	5.293	3
2024Q3_Penetration3	RES004	09/25/2024 10:02.580 AM	09/25/2024 10:02.587 AM	InspectraBLE	761121 SIM2100S	34.30319087	-118.7919698	5.5	4.598	5
2024Q3_Penetration3	RES001	09/24/2024 08:29.190 AM	09/24/2024 08:30.193 AM	InspectraBLE	1001221 SVL2484W	34.29925279	-118.7928989	5.5	5.018	9
2024Q3_Penetration3	RES004	09/25/2024 08:22.573 AM	09/25/2024 08:22.573 AM	InspectraBLE	761121 SIM2119A	34.30583606	-118.7887526	5.5	4.326	3
2024Q3_Penetration3	RES003	09/24/2024 11:49.057 AM	09/24/2024 11:50.067 AM	InspectraBLE	1011221 SIM1929S	34.29656265	-118.7962024	5.4	3.893	34
2024Q3_Penetration3	RES003	09/24/2024 11:43.033 AM	09/24/2024 11:45.873 AM	InspectraBLE	1011221 SIM2054S	34.29545259	-118.7954743	5.3	3.912	34
2024Q3_Penetration3	RES003	09/25/2024 08:19.590 AM	09/25/2024 08:19.593 AM	InspectraBLE	1011221 SIMW1231	34.29375283	-118.7963152	5.3	4.833	4
2024Q3_Penetration3	RES003	09/25/2024 07:49.420 AM	09/25/2024 07:50.427 AM	InspectraBLE	1011221 SIMW1791	34.29440144	-118.7958165	5.3	4.522	8
2024Q3_Penetration3	RES002	09/24/2024 11:52.750 AM	09/24/2024 11:52.750 AM	InspectraBLE	881221 SIMW012R	34.29564548	-118.7968035	5.3	4.099	9
2024Q3_Penetration3	RES005	09/24/2024 10:36.850 AM	09/24/2024 10:36.857 AM	InspectraBLE	811121 SIM1778D	34.29754347	-118.7936204	5.2	4.379	5
2024Q3_Penetration3	RES001	09/25/2024 07:59.147 AM	09/25/2024 08:00.147 AM	InspectraBLE	1001221 SIMW1561	34.29918989	-118.7924421	5.1	4.963	2
2024Q3_Penetration3	RES003	09/24/2024 10:33.637 AM	09/24/2024 10:34.643 AM	InspectraBLE	1011221 SIMW0202	34.29705028	-118.7926603	5.1	4.627	12
2024Q3_Penetration3	RES003	09/25/2024 08:03.493 AM	09/25/2024 08:04.497 AM	InspectraBLE	1011221 SIMW1234	34.29513183	-118.7979317	5.1	4.201	9
2024Q3_Penetration3	RES003	09/24/2024 11:00.780 AM	09/24/2024 11:15.870 AM	InspectraBLE	1011221 SIMW810D	34.29485316	-118.7991955	5.1	3.197	39
2024Q3_Penetration3	RES003	09/25/2024 08:13.553 AM	09/25/2024 08:14.553 AM	InspectraBLE	1011221 SIMW0004	34.29341762	-118.7980785	5.1	4.782	3
2024Q3_Penetration3	RES004	09/25/2024 10:02.577 AM	09/25/2024 10:02.577 AM	InspectraBLE	761121 SIM2052D	34.29721462	-118.7934983	5.1	4.858	1
2024Q3_Penetration3	RES005	09/24/2024 10:23.780 AM	09/24/2024 10:24.783 AM	InspectraBLE	811121 SIM1777S	34.29778329	-118.7946342	5.1	4.172	7
2024Q3_Penetration3	RES002	09/24/2024 10:36.400 AM	09/24/2024 10:37.403 AM	InspectraBLE	881221 SIM1564S	34.29752049	-118.7931235	5.1	3.591	7
2024Q3_Penetration3	RES001	09/25/2024 07:54.127 AM	09/25/2024 07:54.127 AM	InspectraBLE	1001221 SIMW1014	34.29529903	-118.7986111	5.0	4.621	1
2024Q3_Penetration3	RES005	09/24/2024 10:52.950 AM	09/24/2024 10:53.957 AM	InspectraBLE	811121 SIMW206S	34.29625247	-118.7933231	5.0	3.961	6
2024Q3_Penetration3	RES003	09/24/2024 11:47.880 AM	09/24/2024 11:48.063 AM	InspectraBLE	1011221 SIMW1356	34.29608014	-118.7960473	5.0	4.134	26
2024Q3_Penetration3	RES002	09/24/2024 11:21.437 AM	09/24/2024 11:23.437 AM	InspectraBLE	881221 SIMW09RS	34.29340672	-118.7969284	5.0	4.217	15
2024Q3_Penetration3	RES001	09/25/2024 07:54.113 AM	09/25/2024 07:55.117 AM	InspectraBLE	1001221 SIMW1563	34.29812363	-118.7921585	4.9	4.470	3
2024Q3_Penetration3	RES003	09/24/2024 09:36.537 AM	09/24/2024 09:37.533 AM	InspectraBLE	1011221 SIMW1794	34.29804752	-118.7963833	4.9	4.426	11
2024Q3_Penetration3	RES005	09/25/2024 10:44.367 AM	09/25/2024 10:44.367 AM	InspectraBLE	811121 SIM1406A	34.29527191	-118.7963275	4.9	4.783	1
2024Q3_Penetration3	RES002	09/24/2024 11:49.733 AM	09/24/2024 11:49.727 AM	InspectraBLE	881221 SIM1799S	34.29600834	-118.7967423	4.9	3.724	8
2024Q3_Penetration3	RES001	09/24/2024 11:52.297 AM	09/24/2024 11:53.307 AM	InspectraBLE	1001221 SIMW2227	34.29719753	-118.7963419	4.8	3.162	7
2024Q3_Penetration3	RES002	09/25/2024 09:14.513 AM	09/25/2024 09:14.513 AM	InspectraBLE	881221 SIMW2046	34.2966402	-118.7970094	4.8	3.986	6
2024Q3_Penetration3	RES002	09/25/2024 09:10.493 AM	09/25/2024 09:11.497 AM	InspectraBLE	881221 SIMW1798	34.29671487	-118.7973483	4.8	4.199	6
2024Q3_Penetration3	RES003	09/24/2024 11:45.867 AM	09/24/2024 11:47.050 AM	InspectraBLE	1011221 SIMW1008	34.29580515	-118.7957431	4.7	3.614	44
2024Q3_Penetration3	RES003	09/24/2024 10:37.657 AM	09/24/2024 10:39.667 AM	InspectraBLE	1011221 SIM2111A	34.30184654	-118.7876388	4.7	3.658	25
2024Q3_Penetration3	RES003	09/24/2024 10:43.683 AM	09/24/2024 10:44.687 AM	InspectraBLE	1011221 SIMW0902	34.29677924	-118.7922682	4.7	4.075	20
2024Q3_Penetration3	RES005	09/24/2024 10:38.860 AM	09/24/2024 10:38.863 AM	InspectraBLE	811121 SIM1778S	34.29754634	-118.7935974	4.7	3.854	5

2024Q3_Penetration3	RES003	09/24/2024 11:54.907 AM	09/24/2024 11:54.907 AM	InspectraBLE	1011221 SIMW2056	34.29703367	-118.7956251	4.7	4.247	7
2024Q3_Penetration3	RES003	09/24/2024 10:39.667 AM	09/24/2024 10:42.683 AM	InspectraBLE	1011221 SIMW116R	34.29645221	-118.7925298	4.7	3.947	40
2024Q3_Penetration3	RES002	09/25/2024 08:57.427 AM	09/25/2024 08:57.423 AM	InspectraBLE	881221 SIMW2228	34.29630841	-118.7976831	4.6	3.985	9
2024Q3_Penetration3	RES001	09/24/2024 08:31.200 AM	09/24/2024 08:32.207 AM	InspectraBLE	1001221 SIMW2005	34.29988942	-118.7928154	4.5	3.944	7
2024Q3_Penetration3	RES001	09/24/2024 08:27.170 AM	09/24/2024 08:27.177 AM	InspectraBLE	1001221 SIMW2220	34.2984518	-118.7925569	4.5	3.878	10
2024Q3_Penetration3	RES003	09/25/2024 08:32.660 AM	09/25/2024 08:33.670 AM	InspectraBLE	1011221 SIMW2008	34.29289437	-118.7944621	4.5	4.309	9
2024Q3_Penetration3	RES003	09/25/2024 08:55.830 AM	09/25/2024 09:08.903 AM	InspectraBLE	1011221 SIMH0017	34.2919923	-118.7956585	4.5	3.937	9
2024Q3_Penetration3	RES003	09/24/2024 11:45.867 AM	09/25/2024 08:42.767 AM	InspectraBLE	1011221 SIMH022S	34.29245015	-118.7948109	4.5	3.988	23
2024Q3_Penetration3	RES005	09/25/2024 08:36.770 AM	09/25/2024 08:37.793 AM	InspectraBLE	811121 SIMW2210	34.30144332	-118.7923937	4.5	3.993	5
2024Q3_Penetration3	RES002	09/25/2024 09:10.493 AM	09/25/2024 09:10.493 AM	InspectraBLE	881221 SIM1783D	34.29616056	-118.7948425	4.5	4.063	1
2024Q3_Penetration3	RES003	09/24/2024 10:51.723 AM	09/24/2024 10:54.743 AM	InspectraBLE	1011221 SIMW0905	34.29452544	-118.7930122	4.4	3.482	39
2024Q3_Penetration3	RES003	09/25/2024 08:38.710 AM	09/25/2024 08:38.710 AM	InspectraBLE	1011221 SIMW0003	34.29541953	-118.798828	4.4	4.239	3
2024Q3_Penetration3	RES003	09/24/2024 10:56.750 AM	09/24/2024 10:57.753 AM	InspectraBLE	1011221 SIMW2006	34.29316144	-118.7949799	4.3	3.548	12
2024Q3_Penetration3	RES003	09/24/2024 10:45.687 AM	09/24/2024 10:51.723 AM	InspectraBLE	1011221 SIMW0904	34.29486882	-118.7927015	4.3	3.848	8
2024Q3_Penetration3	RES002	09/24/2024 11:23.440 AM	09/24/2024 11:24.437 AM	InspectraBLE	881221 SIMW09RD	34.29340672	-118.7969475	4.3	3.991	8
2024Q3_Penetration3	RES002	09/25/2024 09:20.550 AM	09/25/2024 09:21.543 AM	InspectraBLE	881221 SIMW2049	34.29705952	-118.7971473	4.3	3.556	7
2024Q3_Penetration3	RES003	09/25/2024 08:32.657 AM	09/25/2024 08:32.660 AM	InspectraBLE	1011221 SIM1777D	34.29778329	-118.7946572	4.2	4.011	3
2024Q3_Penetration3	RES003	09/24/2024 10:45.687 AM	09/24/2024 10:45.687 AM	InspectraBLE	1011221 SIMW0903	34.29615515	-118.7921647	4.2	3.831	6
2024Q3_Penetration3	RES003	09/24/2024 11:00.777 AM	09/24/2024 11:00.777 AM	InspectraBLE	1011221 SIMW709D	34.29485316	-118.7991955	4.1	3.879	1
2024Q3_Penetration3	RES003	09/24/2024 10:49.717 AM	09/24/2024 10:49.717 AM	InspectraBLE	1011221 SIM2106A	34.30097414	-118.7907862	4.0	3.881	1
2024Q3_Penetration3	RES003	09/25/2024 09:10.910 AM	09/25/2024 09:10.907 AM	InspectraBLE	1011221 SIMH018S	34.29218852	-118.795732	4.0	3.789	4
2024Q3_Penetration3	RES004	09/25/2024 08:23.580 AM	09/25/2024 08:23.583 AM	InspectraBLE	761121 SIM2333A	34.30607986	-118.7889557	4.0	3.287	4
2024Q3_Penetration3	RES002	09/25/2024 10:28.933 AM	09/25/2024 10:28.937 AM	InspectraBLE	881221 SIMW0818	34.29841802	-118.7976183	4.0	3.097	6
2024Q3_Penetration3	RES003	09/25/2024 08:10.527 AM	09/25/2024 08:10.530 AM	InspectraBLE	1011221 SIMW0018	34.29451574	-118.799783	3.9	3.545	11
2024Q3_Penetration3	RES003	09/24/2024 10:49.723 AM	09/24/2024 10:49.723 AM	InspectraBLE	1011221 SIM1406A	34.29527191	-118.7963275	3.9	3.853	1
2024Q3_Penetration3	RES003	09/24/2024 10:49.730 AM	09/24/2024 10:49.713 AM	InspectraBLE	1011221 SIMW1806	34.29570875	-118.7980809	3.9	3.859	2
2024Q3_Penetration3	RES003	09/24/2024 11:43.863 AM	09/24/2024 11:43.863 AM	InspectraBLE	1011221 SIM2054D	34.29545547	-118.7954944	3.9	3.617	13
2024Q3_Penetration3	RES005	09/25/2024 11:47.657 AM	09/25/2024 11:47.373 AM	InspectraBLE	811121 SIMW2082	34.29990204	-118.7921716	3.9	3.121	10
2024Q3_Penetration3	RES001	09/24/2024 11:11.107 AM	09/24/2024 11:11.097 AM	InspectraBLE	1001221 SIMW2009	34.29578105	-118.7988702	3.8	3.555	6
2024Q3_Penetration3	RES003	09/25/2024 08:07.517 AM	09/25/2024 08:09.523 AM	InspectraBLE	1011221 SIMHL002	34.29828231	-118.794556	3.8	3.571	23
2024Q3_Penetration3	RES003	09/24/2024 11:00.787 AM	09/24/2024 11:01.783 AM	InspectraBLE	1011221 SIMW709D	34.29288346	-118.7963507	3.8	3.570	8
2024Q3_Penetration3	RES003	09/24/2024 10:37.653 AM	09/24/2024 10:37.657 AM	InspectraBLE	1011221 SIMW0006	34.29261094	-118.7976479	3.7	3.402	5
2024Q3_Penetration3	RES004	09/24/2024 11:48.633 AM	09/24/2024 11:48.643 AM	InspectraBLE	761121 SIM1782D	34.29639033	-118.7958204	3.7	2.975	6
2024Q3_Penetration3	RES004	09/25/2024 08:56.790 AM	09/25/2024 08:56.800 AM	InspectraBLE	761121 SIM2115B	34.30216528	-118.7862041	3.7	3.385	5
2024Q3_Penetration3	RES003	09/24/2024 10:51.717 AM	09/24/2024 10:51.720 AM	InspectraBLE	1011221 SIM1564D	34.29752049	-118.7931465	3.7	3.583	2
2024Q3_Penetration3	RES002	09/24/2024 10:35.397 AM	09/24/2024 10:35.397 AM	InspectraBLE	881221 SIM1564D	34.29752049	-118.7931465	3.7	3.025	5
2024Q3_Penetration3	RES004	09/25/2024 08:57.797 AM	09/25/2024 08:57.803 AM	InspectraBLE	761121 SVL2345A	34.302291	-118.7863217	3.7	3.335	5
2024Q3_Penetration3	RES002	09/24/2024 11:16.407 AM	09/24/2024 11:17.413 AM	InspectraBLE	881221 SIMW709D	34.29288346	-118.7963507	3.7	3.339	8
2024Q3_Penetration3	RES003	09/24/2024 10:54.740 AM	09/24/2024 10:55.747 AM	InspectraBLE	1011221 SIMW2007	34.29344215	-118.7945057	3.6	3.274	13
2024Q3_Penetration3	RES003	09/24/2024 11:00.787 AM	09/24/2024 11:00.787 AM	InspectraBLE	1011221 SIM1359A	34.29556317	-118.7941847	3.6	3.555	1
2024Q3_Penetration3	RES003	09/24/2024 11:42.860 AM	09/24/2024 11:42.863 AM	InspectraBLE	1011221 SIMW1005	34.29531186	-118.7953767	3.6	3.288	21
2024Q3_Penetration3	RES004	09/24/2024 10:53.067 AM	09/24/2024 10:54.073 AM	InspectraBLE	761121 SIMW0006	34.29261094	-118.7976479	3.6	2.411	6
2024Q3_Penetration3	RES004	09/24/2024 11:48.633 AM	09/24/2024 11:49.637 AM	InspectraBLE	761121 SIM1782S	34.29639033	-118.7957945	3.5	2.960	5
2024Q3_Penetration3	RES005	09/25/2024 09:45.127 AM	09/25/2024 09:46.463 AM	InspectraBLE	811121 SIMW2078	34.30029304	-118.7963386	3.5	2.644	12
2024Q3_Penetration3	RES003	09/24/2024 11:11.857 AM	09/24/2024 11:11.850 AM	InspectraBLE	1011221 SIMW810S	34.29485316	-118.7991714	3.5	2.879	11
2024Q3_Penetration3	RES004	09/25/2024 09:01.827 AM	09/25/2024 09:01.823 AM	InspectraBLE	761121 SIM2112A	34.30196089	-118.7866081	3.5	3.288	4
2024Q3_Penetration3	RES002	09/24/2024 11:05.343 AM	09/24/2024 11:06.347 AM	InspectraBLE	881221 SIMW2007	34.29344215	-118.7945057	3.5	2.899	8

2024Q3_Penetration3	RES005	09/24/2024 10:47.910 AM	09/24/2024 10:47.913 AM	InspectraBLE	811121	SIMW1779	34.29683837	-118.7937424	3.4	2.661	6
2024Q3_Penetration3	RES004	09/24/2024 11:50.650 AM	09/24/2024 11:51.647 AM	InspectraBLE	761121	SIMLR0AR	34.29689581	-118.7956222	3.4	2.832	5
2024Q3_Penetration3	RES005	09/24/2024 11:05.020 AM	09/24/2024 11:06.017 AM	InspectraBLE	811121	SIMW1220	34.29733668	-118.7941517	3.4	2.811	5
2024Q3_Penetration3	RES002	09/24/2024 11:18.410 AM	09/24/2024 11:18.417 AM	InspectraBLE	881221	SIMW709S	34.29286166	-118.7963261	3.4	3.006	4
2024Q3_Penetration3	RES004	09/25/2024 09:01.827 AM	09/25/2024 09:02.833 AM	InspectraBLE	761121	SIM2127A	34.3018768	-118.7871954	3.3	3.239	5
2024Q3_Penetration3	RES003	09/24/2024 11:39.013 AM	09/24/2024 11:39.013 AM	InspectraBLE	1011221	SIM1564S	34.29752049	-118.7931235	3.3	3.023	3
2024Q3_Penetration3	RES002	09/25/2024 10:37.973 AM	09/25/2024 10:37.973 AM	InspectraBLE	881221	SIMW205S	34.29751618	-118.7967107	3.3	2.886	3
2024Q3_Penetration3	RES002	09/24/2024 11:08.363 AM	09/24/2024 11:09.363 AM	InspectraBLE	881221	SIMW2006	34.29316144	-118.7949799	3.3	2.807	8
2024Q3_Penetration3	RES001	09/25/2024 08:49.457 AM	09/25/2024 08:49.477 AM	InspectraBLE	1001221	SIMW1220	34.29733668	-118.7941517	3.2	3.087	2
2024Q3_Penetration3	RES003	09/24/2024 11:52.897 AM	09/24/2024 11:52.077 AM	InspectraBLE	1011221	SIM1928S	34.29636448	-118.7956739	3.2	3.117	2
2024Q3_Penetration3	RES005	09/24/2024 10:48.923 AM	09/24/2024 10:49.927 AM	InspectraBLE	811121	SVL2030A	34.29687625	-118.7936992	3.2	2.953	4
2024Q3_Penetration3	RES004	09/24/2024 11:53.667 AM	09/24/2024 11:54.670 AM	InspectraBLE	761121	SIM1403A	34.29652532	-118.7954097	3.2	2.729	6
2024Q3_Penetration3	RES002	09/24/2024 10:45.393 AM	09/24/2024 10:46.397 AM	InspectraBLE	881221	SIMW2084	34.29577089	-118.7927397	3.2	2.858	10
2024Q3_Penetration3	RES005	09/25/2024 09:30.043 AM	09/25/2024 09:30.393 AM	InspectraBLE	811121	SIMW2080	34.30060416	-118.7948093	3.2	2.678	12
2024Q3_Penetration3	RES005	09/24/2024 11:43.227 AM	09/24/2024 11:44.223 AM	InspectraBLE	811121	SIM1783S	34.29616056	-118.7948137	3.2	2.375	5
2024Q3_Penetration3	RES001	09/24/2024 11:01.047 AM	09/24/2024 11:02.037 AM	InspectraBLE	1001221	SIMW0817	34.29799582	-118.7982645	3.1	2.131	5
2024Q3_Penetration3	RES003	09/24/2024 11:39.013 AM	09/24/2024 11:40.017 AM	InspectraBLE	1011221	SIM2043S	34.29512087	-118.7950808	3.1	2.739	12
2024Q3_Penetration3	RES001	09/24/2024 10:19.813 AM	09/24/2024 10:19.817 AM	InspectraBLE	1001221	SVL2456W	34.29946434	-118.7981683	3.1	2.063	9
2024Q3_Penetration3	RES002	09/24/2024 11:43.683 AM	09/24/2024 11:43.687 AM	InspectraBLE	881221	SIM1362A	34.29488328	-118.7958244	3.1	2.837	2
2024Q3_Penetration3	RES002	09/24/2024 10:59.300 AM	09/24/2024 10:59.300 AM	InspectraBLE	881221	SVL2471W	34.30029458	-118.7942178	3.1	2.942	1
2024Q3_Penetration3	RES002	09/24/2024 10:59.303 AM	09/24/2024 11:02.310 AM	InspectraBLE	881221	SIMW1233	34.29398447	-118.7945029	3.1	2.759	6
2024Q3_Penetration3	RES002	09/25/2024 10:40.990 AM	09/25/2024 10:40.990 AM	InspectraBLE	881221	SIMW2097	34.29953836	-118.7971805	3.1	2.979	1
2024Q3_Penetration3	RES003	09/24/2024 11:10.837 AM	09/24/2024 11:11.837 AM	InspectraBLE	1011221	SIM2115E	34.30183077	-118.7899911	3.0	2.800	2
2024Q3_Penetration3	RES002	09/25/2024 09:44.707 AM	09/25/2024 09:45.710 AM	InspectraBLE	881221	SIMW1107	34.29584432	-118.7982466	3.0	2.654	10
2024Q3_Penetration3	RES004	09/24/2024 11:47.627 AM	09/24/2024 11:47.627 AM	InspectraBLE	761121	SIM1928S	34.29636448	-118.7956739	3.0	2.486	5
2024Q3_Penetration3	RES005	09/25/2024 09:51.147 AM	09/25/2024 09:52.483 AM	InspectraBLE	811121	SVL2459W	34.30062456	-118.7969862	3.0	2.452	20
2024Q3_Penetration3	RES001	09/24/2024 11:17.123 AM	09/24/2024 11:17.123 AM	InspectraBLE	1001221	SIM2042D	34.29455951	-118.7960482	2.9	2.584	1
2024Q3_Penetration3	RES004	09/24/2024 10:59.100 AM	09/24/2024 10:59.103 AM	InspectraBLE	761121	SIMW1015	34.29236021	-118.7967976	2.9	2.478	7
2024Q3_Penetration3	RES005	09/24/2024 11:51.263 AM	09/24/2024 11:52.267 AM	InspectraBLE	811121	SVL2020A	34.29680808	-118.7947837	2.9	2.482	6
2024Q3_Penetration3	RES002	09/25/2024 10:15.873 AM	09/25/2024 10:21.897 AM	InspectraBLE	881221	SIM1403B	34.29730939	-118.7983995	2.9	2.359	12
2024Q3_Penetration3	RES002	09/24/2024 10:53.280 AM	09/24/2024 10:53.280 AM	InspectraBLE	881221	SIMW703D	34.294629	-118.7935218	2.9	2.605	4
2024Q3_Penetration3	RES001	09/25/2024 10:37.883 AM	09/25/2024 10:37.880 AM	InspectraBLE	1001221	SIMW2225	34.29817459	-118.795437	2.8	2.503	2
2024Q3_Penetration3	RES001	09/25/2024 10:44.917 AM	09/25/2024 10:44.917 AM	InspectraBLE	1001221	SIMW179S	34.29777467	-118.7954643	2.8	2.558	3
2024Q3_Penetration3	RES004	09/24/2024 11:42.597 AM	09/24/2024 11:42.600 AM	InspectraBLE	761121	SIMW1225	34.29595234	-118.7954714	2.8	2.542	4
2024Q3_Penetration3	RES005	09/25/2024 09:49.533 AM	09/25/2024 09:49.477 AM	InspectraBLE	811121	SVL2458W	34.30015439	-118.7968069	2.8	2.290	18
2024Q3_Penetration3	RES002	09/24/2024 10:56.293 AM	09/24/2024 10:56.290 AM	InspectraBLE	881221	SIMW2083	34.29419705	-118.7940942	2.8	2.497	4
2024Q3_Penetration3	RES004	09/24/2024 11:43.613 AM	09/24/2024 11:44.617 AM	InspectraBLE	761121	SIM1404A	34.29588951	-118.7955382	2.8	2.197	6
2024Q3_Penetration3	RES004	09/24/2024 11:54.670 AM	09/24/2024 11:55.673 AM	InspectraBLE	761121	SIM2081S	34.29626396	-118.7953838	2.8	2.477	7
2024Q3_Penetration3	RES002	09/24/2024 10:54.283 AM	09/24/2024 10:54.283 AM	InspectraBLE	881221	SIMW703S	34.294629	-118.7935028	2.8	2.566	2
2024Q3_Penetration3	RES001	09/25/2024 10:41.903 AM	09/25/2024 10:41.907 AM	InspectraBLE	1001221	SIMW1353	34.29772585	-118.7954671	2.7	2.374	3
2024Q3_Penetration3	RES001	09/25/2024 10:49.947 AM	09/25/2024 10:49.947 AM	InspectraBLE	1001221	SIMW1781	34.29699921	-118.7952086	2.7	2.489	3
2024Q3_Penetration3	RES005	09/24/2024 11:54.290 AM	09/24/2024 11:54.283 AM	InspectraBLE	811121	SIM1401A	34.29733524	-118.7946486	2.7	2.248	6
2024Q3_Penetration3	RES005	09/24/2024 11:44.220 AM	09/24/2024 11:45.227 AM	InspectraBLE	811121	SIM1783D	34.29616056	-118.7948425	2.7	2.347	6
2024Q3_Penetration3	RES005	09/24/2024 10:58.987 AM	09/24/2024 10:59.987 AM	InspectraBLE	811121	SIM1568D	34.29592218	-118.7935041	2.7	2.368	6
2024Q3_Penetration3	RES005	09/24/2024 11:34.173 AM	09/24/2024 11:35.173 AM	InspectraBLE	811121	SIM2064D	34.29513523	-118.7946069	2.7	2.043	5
2024Q3_Penetration3	RES002	09/24/2024 10:48.793 AM	09/24/2024 10:50.263 AM	InspectraBLE	881221	SIM1570S	34.29532122	-118.7928732	2.7	2.453	20
2024Q3_Penetration3	RES002	09/24/2024 10:51.257 AM	09/24/2024 10:51.263 AM	InspectraBLE	881221	SIM1570D	34.29533485	-118.792895	2.7	2.450	2

2024Q3_Penetration3	RES001	09/24/2024 11:47.280 AM	09/24/2024 11:47.280 AM	InspectraBLE	1001221 SIM2044S	34.29570573	-118.7962673	2.6	2.251	3
2024Q3_Penetration3	RES001	09/24/2024 10:34.873 AM	09/24/2024 11:07.067 AM	InspectraBLE	1001221 SIMW0814	34.29676083	-118.7987844	2.6	1.700	3
2024Q3_Penetration3	RES004	09/24/2024 11:55.677 AM	09/24/2024 11:55.680 AM	InspectraBLE	761121 SIM2081D	34.29626258	-118.7954104	2.6	2.344	3
2024Q3_Penetration3	RES005	09/24/2024 11:18.087 AM	09/24/2024 11:19.093 AM	InspectraBLE	811121 SIM1359A	34.29556317	-118.7941847	2.6	2.065	7
2024Q3_Penetration3	RES005	09/24/2024 11:55.290 AM	09/24/2024 11:56.297 AM	InspectraBLE	811121 SIMW2234	34.29738215	-118.7946301	2.6	2.175	6
2024Q3_Penetration3	RES005	09/25/2024 09:34.060 AM	09/25/2024 09:34.413 AM	InspectraBLE	811121 SVL2462W	34.30056983	-118.7952759	2.6	2.371	10
2024Q3_Penetration3	RES005	09/24/2024 11:09.037 AM	09/24/2024 11:10.040 AM	InspectraBLE	811121 SIM1780D	34.29696331	-118.7942695	2.6	2.092	5
2024Q3_Penetration3	RES004	09/24/2024 11:13.263 AM	09/24/2024 11:14.277 AM	InspectraBLE	761121 SIMLR00D	34.29613654	-118.7995179	2.6	2.348	8
2024Q3_Penetration3	RES004	09/25/2024 08:07.710 AM	09/25/2024 08:07.707 AM	InspectraBLE	761121 SIM2117A	34.30533371	-118.790686	2.6	2.282	4
2024Q3_Penetration3	RES005	09/24/2024 10:45.900 AM	09/24/2024 10:45.903 AM	InspectraBLE	811121 SIMW822S	34.29696905	-118.7937065	2.6	2.293	4
2024Q3_Penetration3	RES005	09/24/2024 10:43.887 AM	09/24/2024 10:43.890 AM	InspectraBLE	811121 SIMW822D	34.29697192	-118.7937381	2.6	2.226	4
2024Q3_Penetration3	RES005	09/24/2024 11:16.083 AM	09/24/2024 11:16.083 AM	InspectraBLE	811121 SIMW2231	34.2958084	-118.7945177	2.6	2.106	6
2024Q3_Penetration3	RES001	09/25/2024 10:55.977 AM	09/25/2024 10:55.977 AM	InspectraBLE	1001221 SIMHL005	34.29635874	-118.7953551	2.5	2.342	3
2024Q3_Penetration3	RES001	09/24/2024 11:09.077 AM	09/24/2024 11:09.080 AM	InspectraBLE	1001221 SIMW0813	34.2962691	-118.7989756	2.5	2.005	10
2024Q3_Penetration3	RES001	09/24/2024 10:25.840 AM	09/24/2024 10:25.843 AM	InspectraBLE	1001221 SVL2457W	34.29988453	-118.7975656	2.5	1.741	5
2024Q3_Penetration3	RES005	09/24/2024 11:14.070 AM	09/24/2024 11:14.077 AM	InspectraBLE	811121 SIM1805S	34.29647649	-118.7943944	2.5	2.073	6
2024Q3_Penetration3	RES005	09/24/2024 11:41.207 AM	09/24/2024 11:41.213 AM	InspectraBLE	811121 SIM1573D	34.29563784	-118.7948223	2.5	2.084	6
2024Q3_Penetration3	RES001	09/24/2024 11:40.243 AM	09/24/2024 11:40.250 AM	InspectraBLE	1001221 SIM1789D	34.29487726	-118.7954478	2.4	2.168	8
2024Q3_Penetration3	RES001	09/24/2024 11:43.260 AM	09/24/2024 11:44.257 AM	InspectraBLE	1001221 SIM1788S	34.29525685	-118.7960564	2.4	1.844	7
2024Q3_Penetration3	RES001	09/24/2024 11:56.320 AM	09/24/2024 11:56.323 AM	InspectraBLE	1001221 SIMW1807	34.29725195	-118.7957026	2.4	2.238	5
2024Q3_Penetration3	RES001	09/25/2024 10:59.007 AM	09/25/2024 10:59.007 AM	InspectraBLE	1001221 SIMW1104	34.29734099	-118.7945911	2.4	2.071	2
2024Q3_Penetration3	RES004	09/24/2024 11:03.123 AM	09/24/2024 11:04.127 AM	InspectraBLE	761121 SIMW0020	34.29240109	-118.7983592	2.4	2.185	6
2024Q3_Penetration3	RES005	09/24/2024 11:12.067 AM	09/24/2024 11:13.067 AM	InspectraBLE	811121 SIM1805D	34.2964781	-118.7944212	2.4	2.089	6
2024Q3_Penetration3	RES005	09/24/2024 11:20.103 AM	09/24/2024 11:21.100 AM	InspectraBLE	811121 SIMW1569	34.29544541	-118.7943743	2.4	2.005	5
2024Q3_Penetration3	RES005	09/24/2024 10:58.987 AM	09/24/2024 10:58.987 AM	InspectraBLE	811121 SIM1568S	34.29592218	-118.7934811	2.4	2.116	4
2024Q3_Penetration3	RES005	09/24/2024 11:40.203 AM	09/24/2024 11:40.200 AM	InspectraBLE	811121 SIM1573S	34.29558902	-118.7948252	2.4	1.971	4
2024Q3_Penetration3	RES005	09/24/2024 10:40.870 AM	09/24/2024 10:40.873 AM	InspectraBLE	811121 SIM2052S	34.29721462	-118.7934753	2.4	1.977	5
2024Q3_Penetration3	RES005	09/24/2024 11:08.033 AM	09/24/2024 11:08.040 AM	InspectraBLE	811121 SIM1780S	34.29696044	-118.7942436	2.4	2.156	5
2024Q3_Penetration3	RES005	09/24/2024 11:30.147 AM	09/24/2024 11:31.150 AM	InspectraBLE	811121 SIMW1571	34.29480206	-118.7948136	2.4	2.020	6
2024Q3_Penetration3	RES005	09/24/2024 11:23.113 AM	09/24/2024 11:24.117 AM	InspectraBLE	811121 SIMW178S	34.29514271	-118.7938598	2.4	1.937	5
2024Q3_Penetration3	RES002	09/25/2024 10:06.817 AM	09/25/2024 10:06.827 AM	InspectraBLE	881221 SIMW1010	34.29766266	-118.7977188	2.4	2.152	6
2024Q3_Penetration3	RES001	09/24/2024 11:44.260 AM	09/24/2024 11:44.260 AM	InspectraBLE	1001221 SIM1788D	34.29525985	-118.7960805	2.3	1.954	5
2024Q3_Penetration3	RES001	09/24/2024 11:46.270 AM	09/24/2024 11:46.273 AM	InspectraBLE	1001221 SIM2044D	34.29570573	-118.7962914	2.3	2.092	6
2024Q3_Penetration3	RES001	09/24/2024 11:41.247 AM	09/24/2024 11:41.247 AM	InspectraBLE	1001221 SIM1789S	34.29487425	-118.7954177	2.3	1.911	6
2024Q3_Penetration3	RES001	09/24/2024 10:17.800 AM	09/24/2024 10:17.803 AM	InspectraBLE	1001221 SVL2467W	34.29929091	-118.7975631	2.3	2.064	6
2024Q3_Penetration3	RES001	09/24/2024 10:15.793 AM	09/24/2024 10:16.797 AM	InspectraBLE	1001221 SIMW2097	34.29953836	-118.7971805	2.3	2.095	7
2024Q3_Penetration3	RES004	09/25/2024 08:06.703 AM	09/25/2024 08:06.707 AM	InspectraBLE	761121 SIM2330A	34.30559921	-118.7907104	2.3	2.121	4
2024Q3_Penetration3	RES004	09/25/2024 08:00.667 AM	09/25/2024 08:00.673 AM	InspectraBLE	761121 SIMLR23B	34.30498319	-118.7921697	2.3	2.139	4
2024Q3_Penetration3	RES005	09/24/2024 10:41.870 AM	09/24/2024 10:41.873 AM	InspectraBLE	811121 SIM2052D	34.29721462	-118.7934983	2.3	1.953	6
2024Q3_Penetration3	RES004	09/24/2024 10:57.090 AM	09/24/2024 10:57.090 AM	InspectraBLE	761121 SIMH021S	34.29255916	-118.7972909	2.3	2.181	5
2024Q3_Penetration3	RES004	09/24/2024 11:03.120 AM	09/24/2024 11:03.123 AM	InspectraBLE	761121 SIMW1808	34.29206588	-118.7984628	2.3	2.123	7
2024Q3_Penetration3	RES005	09/24/2024 11:33.163 AM	09/24/2024 11:33.163 AM	InspectraBLE	811121 SIM2064S	34.29510651	-118.7946012	2.3	1.882	5
2024Q3_Penetration3	RES002	09/25/2024 10:20.893 AM	09/25/2024 10:20.893 AM	InspectraBLE	881221 SIM1572D	34.2944811	-118.7983143	2.3	2.242	1
2024Q3_Penetration3	RES005	09/24/2024 11:28.133 AM	09/24/2024 11:29.137 AM	InspectraBLE	811121 SIMW1790	34.29460039	-118.7944702	2.3	1.951	6
2024Q3_Penetration3	RES005	09/24/2024 11:47.253 AM	09/24/2024 11:48.247 AM	InspectraBLE	811121 SIMW2047	34.29674359	-118.7947347	2.3	1.914	5
2024Q3_Penetration3	RES004	09/25/2024 08:06.707 AM	09/25/2024 08:07.707 AM	InspectraBLE	761121 SIM2116A	34.30516203	-118.7913918	2.2	2.057	4
2024Q3_Penetration3	RES004	09/24/2024 11:19.300 AM	09/24/2024 11:20.323 AM	InspectraBLE	761121 SIMLR603	34.29851854	-118.7984196	2.2	1.875	4

2024Q3_Penetration3	RES004	09/25/2024 08:01.683 AM	09/25/2024 08:01.677 AM	InspectraBLE	761121 SIM2135D	34.3051357	-118.7923433	2.2	2.061	3
2024Q3_Penetration3	RES004	09/25/2024 08:05.697 AM	09/25/2024 08:05.697 AM	InspectraBLE	761121 SIMW0902	34.29677924	-118.7922682	2.1	2.095	1
2024Q3_Penetration3	RES004	09/24/2024 11:40.587 AM	09/24/2024 11:41.590 AM	InspectraBLE	761121 SIMW1786	34.29541095	-118.7950205	2.1	1.761	7
2024Q3_Penetration3	RES004	09/24/2024 11:15.280 AM	09/24/2024 11:16.307 AM	InspectraBLE	761121 SIMLR001	34.29239925	-118.8005428	2.1	1.927	5
2024Q3_Penetration3	RES002	09/25/2024 10:03.803 AM	09/25/2024 10:03.803 AM	InspectraBLE	881221 SIMW2223	34.29823766	-118.7962023	2.1	1.879	1
2024Q3_Penetration3	RES004	09/24/2024 11:19.297 AM	09/24/2024 11:19.300 AM	InspectraBLE	761121 SIMLR602	34.29844387	-118.7984053	2.0	1.805	5
2024Q3_Penetration3	RES004	09/24/2024 10:44.017 AM	09/24/2024 10:44.997 AM	InspectraBLE	761121 SIMW0001	34.29277718	-118.7988307	2.0	1.555	5
2024Q3_Penetration3	RES002	09/25/2024 10:08.833 AM	09/25/2024 10:09.833 AM	InspectraBLE	881221 SIM1937S	34.2975966	-118.798006	2.0	1.869	5
2024Q3_Penetration3	RES002	09/25/2024 10:03.800 AM	09/25/2024 10:04.803 AM	InspectraBLE	881221 SIMW2233	34.29758972	-118.7975191	2.0	1.809	4
2024Q3_Penetration3	RES001	09/24/2024 10:24.870 AM	09/24/2024 10:25.837 AM	InspectraBLE	1001221 SIMW2096	34.30037292	-118.7976556	1.8	1.490	4
2024Q3_Penetration3	RES004	09/24/2024 10:48.027 AM	09/24/2024 10:48.027 AM	InspectraBLE	761121 SIMW0809	34.29367832	-118.8000502	1.8	1.626	4
2024Q3_Penetration3	RES004	09/24/2024 10:46.017 AM	09/24/2024 10:46.020 AM	InspectraBLE	761121 SIMW0019	34.29342579	-118.7995747	1.8	1.650	4
2024Q3_Penetration3	RES001	09/24/2024 11:04.053 AM	09/24/2024 11:04.053 AM	InspectraBLE	1001221 SIMW0816	34.29743577	-118.7985144	1.5	1.417	4
2024Q3_Penetration3	RES001	09/24/2024 10:51.990 AM	09/24/2024 10:51.980 AM	InspectraBLE	1001221 SIMW0811	34.29509417	-118.7999246	0.9	0.665	5
2024Q3_Penetration3	RES001	09/24/2024 10:54.990 AM	09/24/2024 10:54.997 AM	InspectraBLE	1001221 SIMW0812	34.29566356	-118.7994938	0.9	0.795	4
2024Q3_Penetration3	RES001	09/24/2024 10:43.927 AM	09/24/2024 10:43.930 AM	InspectraBLE	1001221 SIMW0808	34.29330861	-118.7988143	0.8	0.609	5

Waste Management Instantaneous Landfill Surface Emissions Monitoring
Exceedance and Monitoring Logs

Quarter: 3RD QTR 2024

Initial Monitoring Performed By: M. ORTIZ, E. GUZMAN

Follow-up Monitoring Performed By: JENNY M.

Landfill Name: SIMI VALLEY

Initial Monitoring Event				Corrective Action within 5 Days		1st 10-Day Follow-Up			1st 30-Day Follow-Up			Comments
Grid #	Flag #	Monitoring Date	Field Reading	Repair Date	Action taken to repair Exceedance	Monitoring Date	No Exceed. <500 ppm	Exceed. >500 ppm	Monitoring Date	No Exceed. <500 ppm	Exceed. >500 ppm	
129	Y3	9-23-24	961			10/3/24	381		10/23/24	41.03		SURFACE
158	Y4		937				275			21.04		SURFACE
104	Y5		934				350			56.73		SURFACE
117	Y6		781				360			46.04		SURFACE
173	Y7		681				410			38.19		SURFACE
165	Y8		677				270			54.21		SURFACE
147	Y9		612				250			17.19		SURFACE
116	Y10		533				320			20.33		SURFACE
196	Y11		513				491			46.17		SURFACE
105	Y12	↓	561			↓	481		↓	53.11		SURFACE

Waste Management Instantaneous Landfill Surface Emissions Monitoring
Exceedance and Monitoring Logs

Quarter: 3rd Qtr 2024

Initial Monitoring Performed By: M. Orue, E. Green

Follow-up Monitoring Performed By: J Bray M.

Landfill Name: Simi Valley

Initial Monitoring Event				Corrective Action within 5 Days		1st 10-Day Follow-Up			1st 30-Day Follow-Up			Comments
Grid #	Flag #	Monitoring Date	Field Reading	Repair Date	Action taken to repair Exceedance	Monitoring Date	No Exceed. <500 ppm	Exceed. >500 ppm	Monitoring Date	No Exceed. <500 ppm	Exceed. >500 ppm	
180	Y13	9-24-24	4994.1			10/3/24	325		10/23/24	60.01		Surface
183	Y14	↓	2259.9			↓	141		↓	19.21		Surface
182	Y15		1832				225			22.00		Surface
178	Y16		1712.1				280			20.02		Surface
179	Y17		1581				195			18.03		Surface
184	Y18		889.2				275			21.01		Surface
168	Y19		854.2				310			29.0		Surface
188	Y20		853.5				440			33.10		Surface
186	Y21		785.3				410			31.05		Surface
189	Y22		526.7				490			29.25		Surface
50	Y23		4722.6				270			4.80		SIMHL003
121	Y24		1919.7				189			22.13		SVL246BW -
136	Y25		1518.5				425			41.01		SIMW2002 -
117	Y26		1507.4				220			20.16		SIMW2049 -
46	Y27		1301.2				199			16.48		SIMW007R -
120	Y28		1151.6				175			17.11		SIMW2059 -
118	Y29		724.2				280			24.76		SVL247SW -
119	Y30		714.8				316			66.02		SVL248OW -
27	Y31	↓	565.7			↓	225		↓	18.11		SIMH022N

Waste Management Instantaneous Landfill Surface Emissions Monitoring
Exceedance and Monitoring Logs

Quarter: 3RD QTR 2024

Initial Monitoring Performed By: M. ORUE, E GUZMAN

Follow-up Monitoring Performed By: JENNY M.

Landfill Name: SIMI VALLEY

Initial Monitoring Event				Corrective Action within 5 Days		1st 10-Day Follow-Up			1st 30-Day Follow-Up			Comments
Grid #	Flag #	Monitoring Date	Field Reading	Repair Date	Action taken to repair Exceedance	Monitoring Date	No Exceed. <500 ppm	Exceed. >500 ppm	Monitoring Date	No Exceed. <500 ppm	Exceed. >500 ppm	
160	Y32	9-25-24	43,238			10/5/24	280		10/23/24	58.12		SVL2344A -
106	Y33	↓	1981			↓	175		↓	28.10		SIMW2224 -
63	Y34		741				320			41.20		SIMW1101 -
158	Y35		660				259			60.03		SVL2343A -
29	Y36		648				327			29.31		SIMW0901 -
117	Y37		583				284			18.40		SIMW2001 -
147	Y38		571				190			10.40		SVL2466W -
109	Y39		560				220			30.02		SIMW1803 -
143	B20		447				450			50.19		SIMW1811
161	B21		345				330			31.45		SVL2346A
144	B22		274				250			54.75		SIMSVE03
128	B23		261				200			19.46		SIMW2077
158	B24	↓	244			↓	233		↓	51.30		SIM2109A

Blue Flag (200-499 ppm) Landfill Surface Emissions Monitoring
10 Day Exceedances and Monitoring Log

Site: SIMI VALLEY

Quarter / Year:	3RD QTR 2024	4th QTR 2024	Page of Pages
Technician:	M. ORUE	Jerry Munoz	
Instrument:	INSPECTRA	TVA 1000	
Calibration Standard:	500	500	

Initial Monitoring Event					Re-Monitoring Event – 10 Days				Comments
Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	Field Reading <200 ppm	Field Reading >200 ppm	
139	B1	SURFACE	471	9-23-24		10/3/24	176		
123	B2	SURFACE	421				163		
134	B3	SURFACE	397				119		
145	B4	SURFACE	359				89.90		
164	B5	SURFACE	311				129		
132	B6	SURFACE	310				113		
161	B7	SURFACE	273				89.90		
128	B8	SURFACE	263				90.10		
175	B9	SURFACE	236				88.75		
163	B10	SURFACE	235				195		
179	B11	SURFACE	231				187		
138	B12	SURFACE	231				155		
159	B13	SURFACE	229				179		
130	B14	SURFACE	218				172		
148	B15	SURFACE	213				180		

Blue Flag (200-499 ppm) Landfill Surface Emissions Monitoring
10 Day Exceedances and Monitoring Log

Site: Simi Valley

Quarter / Year:	3rd Qtr 2024	4th Qtr 2024	Page 1 of 1 Pages
Technician:	M. Orue	Jerry Munoz	
Instrument:	Inspectra	TVA1000	
Calibration Standard:	500	500	

Initial Monitoring Event					Re-Monitoring Event – 10 Days				Comments
Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	Field Reading <200 ppm	Field Reading >200 ppm	
181	B16	surface	395.1	9-24-24		10/3/24	165	-	
187	B17	surface	256.3	↓		↓	89.77	-	
121	B18	SIM23525	339.1	↓		↓	110.11	-	
2	B19	SIMW0057	223	↓		↓	136.06	-	

9-23-24 Simi Valley Landfill Exceedances

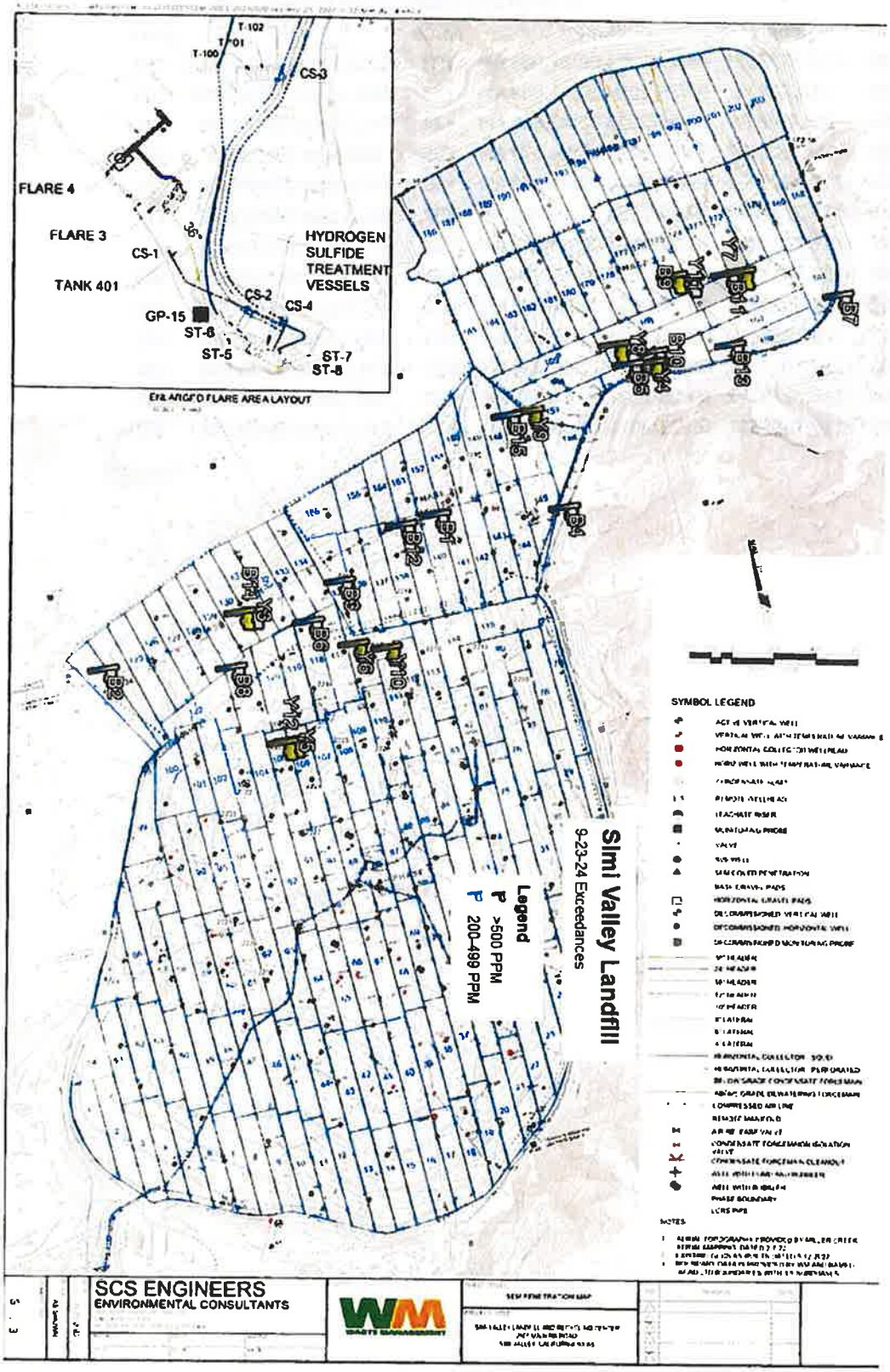
ID	lat	long	time	name	cmt	grid #
1	34.3001849	-118.7967067	09/23/2024 10:43.247 AM	Y3	961.6 ppm surface	129
2	34.302076	-118.7894838	09/23/2024 11:49.050 AM	Y4	937.6 ppm surface	158
3	34.2983985	-118.7965601	09/23/2024 08:02.357 AM	Y5	934.9 ppm surface	104
4	34.2994378	-118.7951069	09/23/2024 08:41.587 AM	Y6	781.3 ppm surface	117
5	34.3029393	-118.7877599	09/23/2024 10:56.300 AM	Y7	681.6 ppm surface	173
6	34.3024097	-118.7899666	09/23/2024 11:41.240 AM	Y8	677.7 ppm surface	165
7	34.3018395	-118.7915107	09/23/2024 09:32.577 AM	Y9	612.1 ppm surface	147
8	34.2992881	-118.7946178	09/23/2024 08:16.400 AM	Y10	533.8 ppm surface	116
9	34.3030993	-118.7888198	09/23/2024 10:51.847 AM	Y11	513.3 ppm surface	176
10	34.2984081	-118.7964434	09/23/2024 08:10.877 AM	Y12	511.3 ppm surface	105
11	34.3008224	-118.7933546	09/23/2024 07:55.957 AM	B1	471.4 ppm surface	139
12	34.2998881	-118.7990025	09/23/2024 08:36.307 AM	B2	421 ppm surface	123
13	34.300274	-118.7950744	09/23/2024 09:34.993 AM	B3	397.8 ppm surface	134
14	34.300511	-118.7913371	09/23/2024 08:47.740 AM	B4	359 ppm surface	145
15	34.3021167	-118.7898239	09/23/2024 09:57.030 AM	B5	311.5 ppm surface	164
16	34.2998605	-118.7956974	09/23/2024 10:08.437 AM	B6	310.4 ppm surface	132
17	34.3023349	-118.7863347	09/23/2024 11:47.610 AM	B7	273.1 ppm surface	161
18	34.2995154	-118.7970453	09/23/2024 10:30.123 AM	B8	263.2 ppm surface	128
19	34.3030099	-118.7885979	09/23/2024 11:18.287 AM	B9	236.2 ppm surface	175
20	34.3022047	-118.7894053	09/23/2024 11:58.177 AM	B10	235.6 ppm surface	163
21	34.3029509	-118.7879808	09/23/2024 10:54.687 AM	B11	231.8 ppm surface	174
22	34.3007967	-118.793917	09/23/2024 08:17.200 AM	B12	231.6 ppm surface	138
23	34.3020489	-118.7881857	09/23/2024 11:36.600 AM	B13	229.6 ppm surface	159
24	34.3001647	-118.7965668	09/23/2024 10:55.987 AM	B14	218.3 ppm surface	130
25	34.3018507	-118.7918667	09/23/2024 09:02.767 AM	B15	213.2 ppm surface	148

9-24-24 Simi Valley Landfill Exceedances

ID	lat	long	time	name	cmt	grid #
1	34.3036645	-118.7900854	09/24/2024 08:01.190 AM	Y13	4994.1 ppm surface	180
2	34.3037853	-118.7911309	09/24/2024 07:52.003 AM	Y14	2259.9 ppm surface	183
3	34.3030629	-118.7908469	09/24/2024 07:36.403 AM	Y15	1832 ppm surface	182
4	34.3036441	-118.7895127	09/24/2024 08:31.390 AM	Y16	1712.1 ppm surface	178
5	34.3030419	-118.7896494	09/24/2024 08:18.317 AM	Y17	1581 ppm surface	179
6	34.3030035	-118.7914759	09/24/2024 08:26.950 AM	Y18	889.2 ppm surface	184
7	34.3044046	-118.7864429	09/24/2024 07:42.367 AM	Y19	854.2 ppm surface	168
8	34.3037904	-118.7912058	09/24/2024 08:00.350 AM	Y20	853.5 ppm surface	188
9	34.303843	-118.7917609	09/24/2024 08:34.887 AM	Y21	785.3 ppm surface	186
10	34.303969	-118.7908908	09/24/2024 07:40.837 AM	Y22	526.7 ppm surface	189
11	34.3034379	-118.7906043	09/24/2024 07:46.027 AM	B16	395.1 ppm surface	181
12	34.3038471	-118.7917037	09/24/2024 08:29.463 AM	B17	256.3 ppm surface	187
13	34.2953061	-118.7988745	09/24/2024 11:13.097 AM	Y23	4722.6 ppm SIMHL003	50
14	34.299425	-118.7967232	09/24/2024 09:57.263 AM	Y24	1919.7 ppm SVL2468W	121
15	34.2996004	-118.7945132	09/24/2024 09:08.613 AM	Y25	1518.5 ppm SIMW2002	136
16	34.2997063	-118.7952685	09/24/2024 10:08.343 AM	Y26	1507.4 ppm SIMW2099	117
17	34.293991	-118.7976015	09/24/2024 11:30.460 AM	Y27	1301.2 ppm SIMW007R	46
18	34.2986744	-118.796338	09/24/2024 09:43.147 AM	Y28	1151.6 ppm SIMW2059	120
19	34.2995294	-118.7955129	09/24/2024 10:01.307 AM	Y29	724.2 ppm SVL2475W	118
20	34.298929	-118.7958809	09/24/2024 09:58.617 AM	Y30	714.8 ppm SVL2480W	119
21	34.2957667	-118.7919829	09/24/2024 10:35.880 AM	Y31	565.7 ppm SIMH022N	27
22	34.2992349	-118.7964176	09/24/2024 09:55.593 AM	B18	339.1 ppm SIM2352S	121
23	34.294329	-118.8003064	09/24/2024 10:48.953 AM	B19	223 ppm SIMW0057	2

9-25-24 Simi Valley Landfill Exceedacnes

ID	lat	long	time	name	cmt	grid #
1	34.3021085	-118.7878171	09/25/2024 09:27.033 AM	Y32	43238.5 ppm SVL2344A	160
2	34.2978156	-118.79606	09/25/2024 10:41.003 AM	Y33	1981.4 ppm SIMW2224	106
3	34.2949736	-118.796954	09/25/2024 08:42.343 AM	Y34	741.7 ppm SIMW1101	63
4	34.3021555	-118.788728	09/25/2024 09:34.077 AM	Y35	660 ppm SVL2343A	158
5	34.2973404	-118.7921995	09/25/2024 07:43.043 AM	Y36	648.4 ppm SIMW0901	29
6	34.2997648	-118.7952896	09/25/2024 09:49.780 AM	Y37	583.1 ppm SIMW2001	117
7	34.301583	-118.7913986	09/25/2024 08:48.827 AM	Y38	571.7 ppm SVL2466W	147
8	34.2981065	-118.7951287	09/25/2024 09:15.620 AM	Y39	560.1 ppm SIMW1803	109
9	34.3008605	-118.7923174	09/25/2024 08:57.883 AM	B20	447.6 ppm SIMW1811	143
10	34.3023227	-118.7863414	09/25/2024 08:55.783 AM	B21	345.1 ppm SVL2346A	161
11	34.2999463	-118.7917506	09/25/2024 12:30.420 PM	B22	274.2 ppm SIMSVE03	144
12	34.3000304	-118.7972222	09/25/2024 09:54.560 AM	B23	261 ppm SIMW2077	128
13	34.3021023	-118.7895694	09/25/2024 09:43.137 AM	B24	244.2 ppm SIM2109A	158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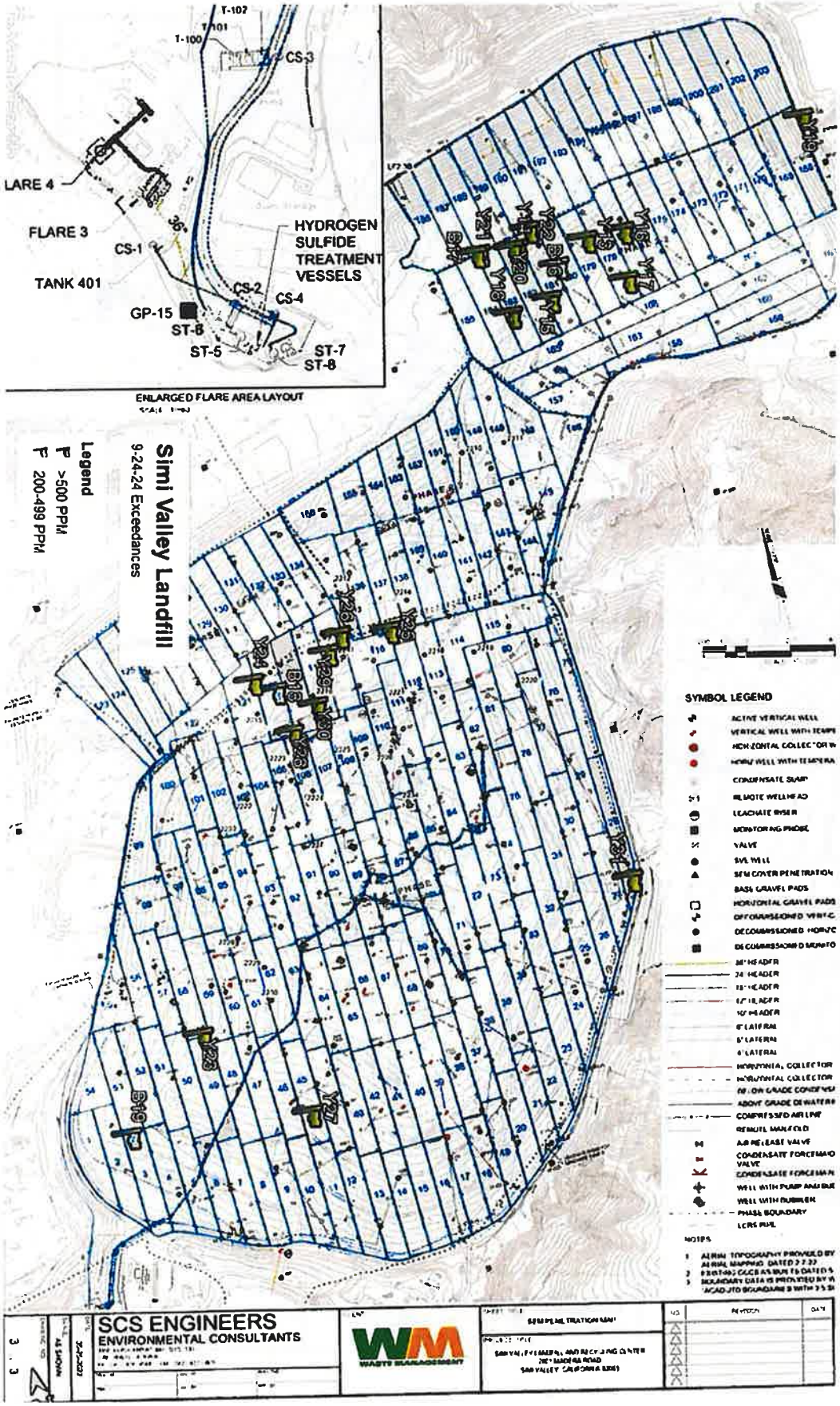
T-101
T-100
CS-3
FLARE 4
FLARE 3
CS-1
TANK 401
HYDROGEN SULFIDE TREATMENT VESSELS
CS-2
CS-4
GP-15
ST-6
ST-5
ST-7
ST-8
ENLARGED FLARE AREA LAYOUT
Slmi Valley Landfill
9-23-24 Exceedances
Legend
>500 PPM
200-499 PPM
SYMBOL LEGEND
SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS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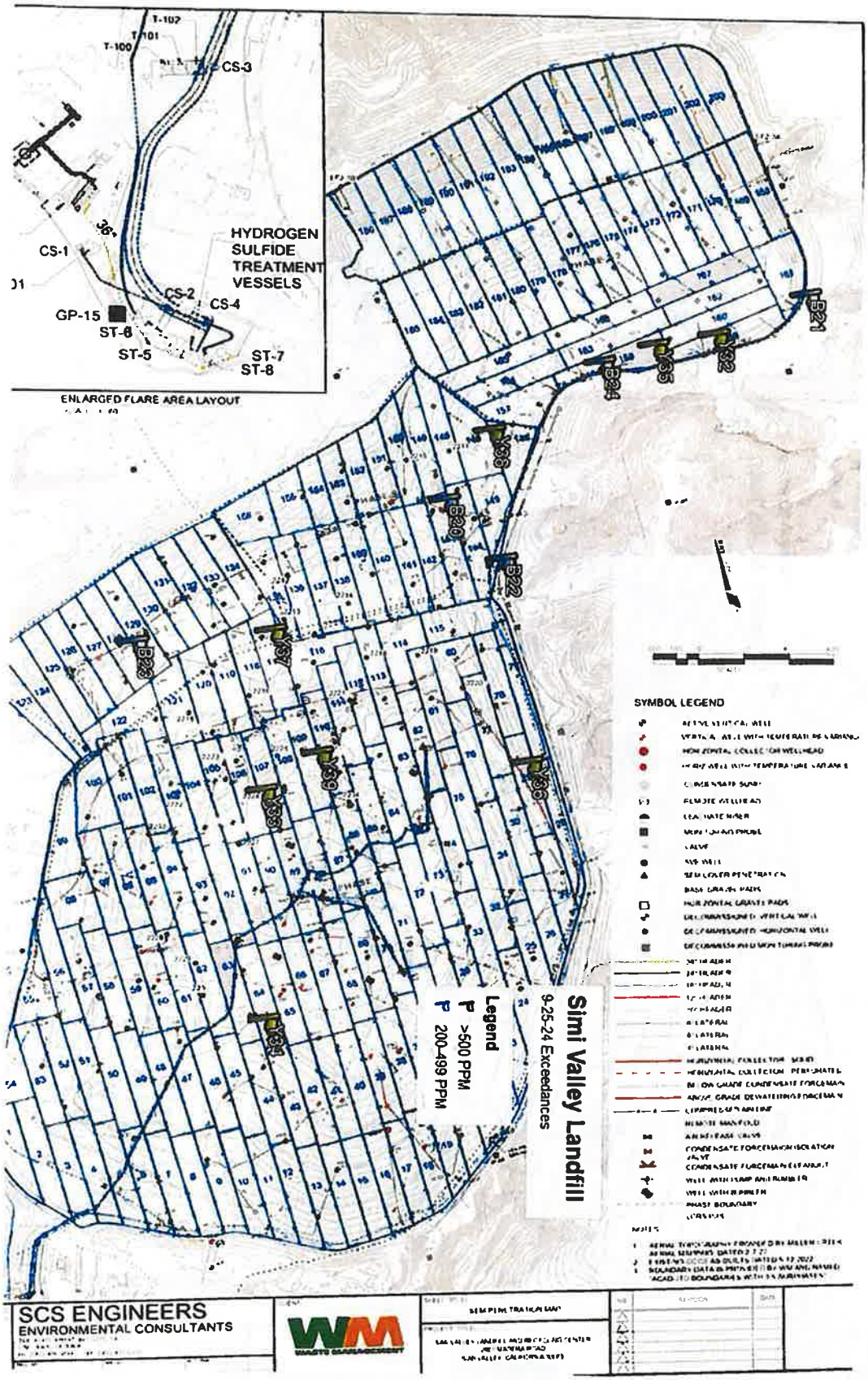
CS-1
CS-2
CS-4
HYDROGEN SULFIDE TREATMENT VESSELS
GP-15
ST-6
ST-5
ST-7
ST-8
ENLARGED FLARE AREA LAYOUT
Simi Valley Landfill
9-24-24 Exceedances
Legend
>500 PPM
200-499 PPM
SYMBOL LEGEND
NOTES
SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
WASTE MANAGEMENT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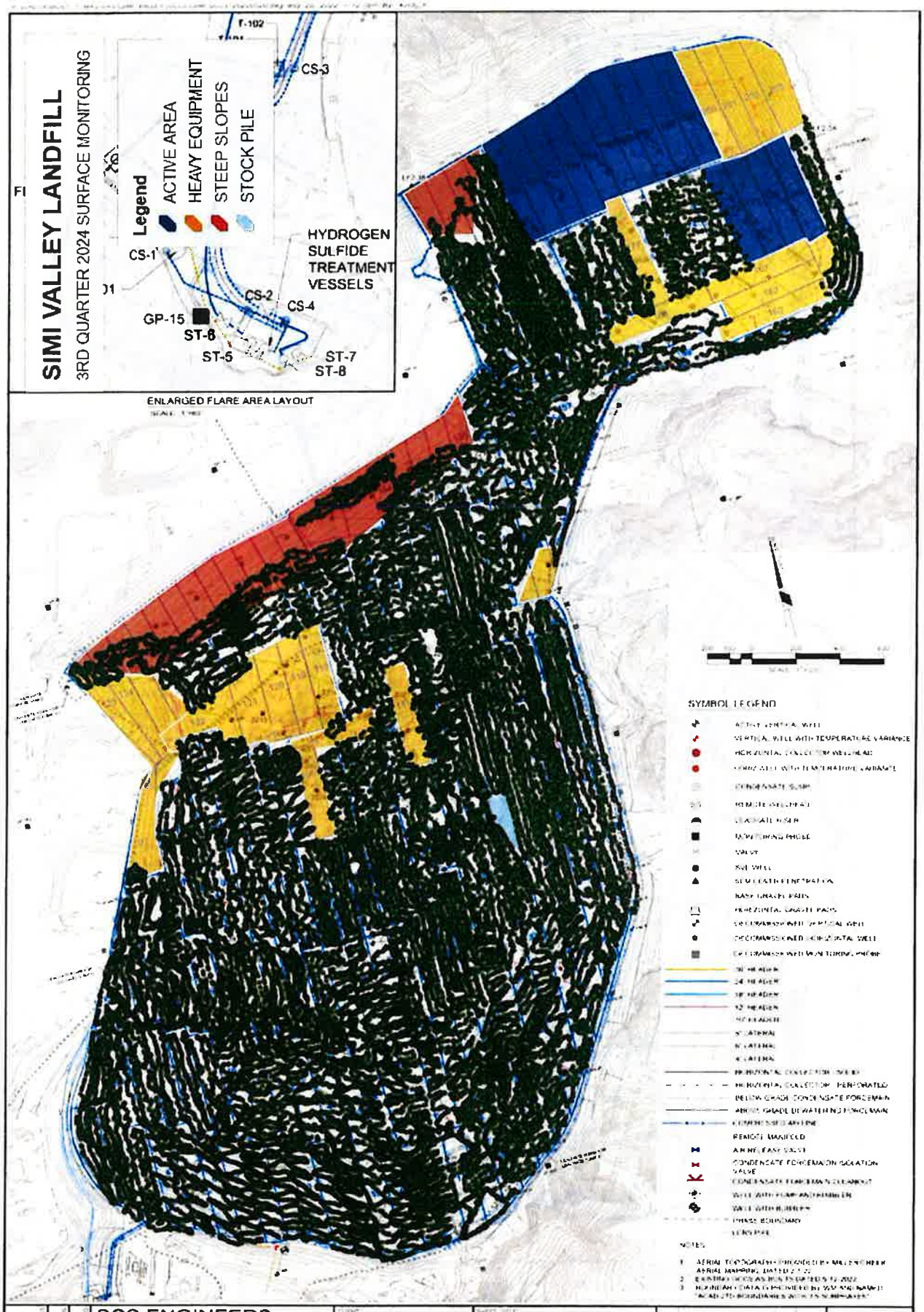
HYDROGEN SULFIDE TREATMENT VESSELS
GP-15
ST-6
ST-5
ST-7
ST-8
ENLARGED FLARE AREA LAYOUT
SYMBOL LEGEND
Legend
>500 PPM
200-499 PPM
Simi Valley Landfill
9-25-24 Exceedances
SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
WM
WASTE MANAGEMENT



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WASTE MANAGEMENT

SEEP PENETRATION MAP

SIMI VALLEY LANDFILL AND RECYCLING CENTER
2801 MADERA ROAD
SIMI VALLEY, CALIFORNIA 93065

SIMI VALLEY LANDFILL

3RD QUARTER 2024 PERIMETER MONITORING

Legend

- DOWNWIND
- UPWIND
- WALK ROUTES

HYDROGEN SULFIDE TREATMENT VESSELS

CS-1
CS-2
CS-3
CS-4
GP-15
ST-5
ST-6
ST-7
ST-8

ENLARGED FLARE AREA LAYOUT

UPWIND

DOWNWIND

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS

Attachment B

Integrated Surface Emission Monitoring Event Records

SIMI VALLEY LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: M. ORUE, E. GUZMAN, D. ANDERSON, A. LOPEZ, G. ROBLES

Cal. Gas Exp. Date: 4/22

Date: 9-16-24 Instrument Used: Inspector Grid Spacing: 25FT

Temperature: 68° Precip: 0 Upwind BG: 1.4 Downwind BG: 2.3

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
25	MO	0749	0809	3.18	0	5	7	
31	MO	0809	0830	5.35	2	4	6	Vegetation
76	MO	0831	0851	11.25	2	4	10	
81	MO	0852	0912	4.55	2	4	10	
75	MO	0913	0923	13.44	4	6	10	
32	MO	1045	1101	4.08	5	7	10	STEEP SLOPE
74	MO	1102	1119	2.41	4	7	11	STEEP SLOPE
73	MO	1121	1141	2.60	5	6	12	
83	MO	1142	1203	5.19	5	9	12	
13	DA	0730	0752	3.37	2	4	7	
14	DA	0755	0819	2.85	3	4	6	
15	DA	0822	0847	3.90	2	4	10	
16	DA	0848	0910	3.87	2	4	10	Vegetation
17	DA	0920	0945	2.79	5	6	12	Vegetation
18	DA	1002	1024	3.06	2	5	12	Vegetation
87	DA	1108	1133	2.81	5	9	12	
86	DA	1200	1225	3.34	5	10	12	
7	GR	0728	0748	1.64	1	3	7	
8	GR	0750	0810	1.92	3	5	7	
9	GR	0812	0832	2.35	2	4	8	
10	GR	0833	0853	2.96	2	4	10	
11	GR	0855	0915	2.87	2	4	10	
12	GR	0916	0941	4.60	2	4	10	
65	GR	1004	1024	16.04	2	5	12	ASPHALT
66	GR	1025	1045	2.52	4	6	11	ASPHALT
67	GR	1048	1108	2.26	4	7	10	ASPHALT
68	GR	1110	1135	2.06	5	9	12	
19	EG	0942	0802	2.49	1	3	6	Vegetation
20	EG	0804	0829	2.67	2	4	8	Vegetation/STEEP SLOPE
21	EG	0830	0855	3.49	2	4	10	Vegetation/STEEP SLOPE

Attach Calibration Sheet

Attach site map showing grid ID

SIMI VALLEY LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: M. ORUE, E. GUERRERO, D. ANDERSON, A. LOPEZ, G. ROBLES

Cal. Gas Exp. Date: 4/27

Date: 9-16-24 Instrument Used: INSPECTRA Grid Spacing: 25ft

Temperature: 68° Precip: 0 Upwind BG: 1.4 Downwind BG: 2.3

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
22	EG	0856	0918	3.97	2	4	10	vegetation / steep slope
23	EG	0920	0941	3.39	5	6	12	vegetation / steep slope
24	EG	0942	1002	3.51	4	7	12	vegetation / steep slope
69	EG	1042	1102	2.54	5	7	10	
70	EG	1103	1123	2.40	5	7	12	
71	EG	1124	1145	2.61	5	8	12	
72	EG	1147	1207	2.96	5	9	12	
1	AL	0723	0743	2.105	1	3	7	steep slope / road
2	AL	0744	0805	1.45	3	5	7	steep slope
3	AL	0807	0827	1.51	2	4	8	steep slope
4	AL	0828	0848	1.44	2	4	10	steep slope
5	AL	0849	0909	1.30	2	4	10	steep slope
6	AL	0910	0930	.70	4	5	11	steep slope
91	AL	1004	1029	4.15	2	5	12	
90	AL	1030	1055	3.06	4	6	10	
89	AL	1056	1121	2.31	5	7	12	paved/grated/dumping
88	AL	1122	1147	1.24	5	9	12	

Attach Calibration Sheet
Attach site map showing grid ID

SIMI VALLEY LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: M. ORUE, D. LARA, A. LOPEZ, J. MEDRANO, L. ARREOLA

Cal. Gas Exp. Date: 4/27

Date: 9-20-24 Instrument Used: INSPECTRA Grid Spacing: 25 FT

Temperature: 65° Precip: 0 Upwind BG: 1.4 Downwind BG: 2.3

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
141	MO	0816	0836	5.16	2	4	6	STEEP SLOPE
140	MO	0837	0857	5.32	5	6	6	
114	MO	0858	0918	5.69	5	7	7	
85	DA	0726	0752	20.86	5	7	6	DIRT STOCKPILE
110	DA	0804	0824	19.14	2	4	6	
112	DA	0858	0926	12.59	5	7	6	
113	DA	0930	0951	9.03	5	7	6	
27	AL	0705	0730	19.71	5	6	4	TRAFFIC
29	AL	0731	0751	24.21	6	9	6	ROAD / STEEP SLOPE
115	AL	0813	0833	15.75	2	4	6	STEEP SLOPE
79	AL	0835	0855	6.84	5	6	6	TRAFFIC
28	AL	0855	0915	4.13	5	7	7	TRAFFIC
104	JM	0711	0737	32.76	6	7	4	
105	JM	0741	0810	35.96	5	6	6	
107	JM	0847	0907	12.80	4	6	6	
108	JM	0909	0926	11.16	5	7	6	
109	JM	0928	0945	14.80	5	7	6	
84	LA	0722	0749	24.72	3	5	5	DIRT STOCKPILE
142	LA	0804	0824	10.72	4	7	5	STEEP SLOPE
143	LA	0833	0852	15.85	5	6	6	
144	LA	0855	0915	15.43	5	7	7	
145	LA	0933	0955	15.50	5	7	6	

Attach Calibration Sheet
Attach site map showing grid ID

Page 1 of 1

SIMI VALLEY LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: M. Orue, R. Jones, A. Lopez, L. Zeff, E. Guzman

Cal. Gas Exp. Date: 4/27

Date: 9-23-24 Instrument Used: TriSpectra Grid Spacing: 25 FT

Temperature: 71° Precip: 0 Upwind BG: 1.3 Downwind BG: 2.4

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
123	MO	0835	0845	53.19	5	7	6	STEEP SLOPE
124	MO	0846	0855	3.86	5	7	7	STEEP SLOPE/VEGETATION
125	MO	0918	0926	3.41	5	6	6	STEEP SLOPE/VEGETATION
126	MO	0927	0941	3.20	5	6	7	STEEP SLOPE
127	MO	0942	0957	4.56	4	6	6	STEEP SLOPE
165	MO	1139	1200	25.7	3	6	8	
114	AL	0732	0759	32.36	3	5	7	
116	AL	0802	0827	30.19	3	5	7	
117	AL	0828	0848	46.56	5	7	6	ACTIVE DUMPING
150	AL	0915	0930	10.60	5	6	6	STEEP SLOPE/DIRT PILE
151	AL	0937	0952	6.86	4	6	6	STEEP SLOPE
152	AL	0953	1008	7.35	4	6	7	STEEP SLOPE
153	AL	1009	1024	9.73	4	6	8	STEEP SLOPE
174	AL	1035	1055	31.65	5	7	8	STONE PILES
173	AL	1055	1115	23.55	5	7	8	CATCH FENCE
158	AL	1132	1155	44.27	3	6	8	STEEP SLOPE
139	EG	0745	0805	85.66	4	5	7	FENCE
138	EG	0806	0826	23.81	3	5	7	HEAVY EQUIPMENT
137	EG	0827	0847	22.43	5	7	6	STEEP SLOPE/HEAVY EQUIPMENT
136	EG	0848	0908	22.03	4	6	7	STEEP SLOPE
135	EG	0909	0929	20.56	5	6	6	STEEP SLOPE
134	EG	0931	0941	29.95	5	6	7	STEEP SLOPE
133	EG	0947	0958	19.43	4	6	6	STEEP SLOPE
132	EG	0959	1009	18.10	4	6	7	STEEP SLOPE
131	EG	1010	1020	13.68	4	6	8	STEEP SLOPE
176	EG	1042	1102	44.23	5	7	8	FENCE
175	EG	1104	1124	35.60	5	7	8	FENCE
163	EG	1138	1158	29.30	3	6	8	STEEP SLOPE
105	RJ	0753	0813	35.96	4	6	8	DIRT PILE
143	RJ	0823	0843	15.65	5	7	6	

Attach Calibration Sheet

Attach site map showing grid ID

SIMI VALLEY LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: M. McRae, R. Jones, A. Lopez, L. Leit, E. Guzman

Cal. Gas Exp. Date: 4/27

Date: 9-23-24 Instrument Used: Inspectra Grid Spacing: _____

Temperature: 71° Precip: 0 Upwind BG: 1.3 Downwind BG: 2.4

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
145	RJ	0844	0904	15.50	4	6	7	
146	RJ	0905	0925	24.35	5	6	6	Haul Road
157	RJ	0927	0947	6.45	5	6	7	
128	RJ	1015	1031	20.69	5	6	6	STEEP SLOPE
129	RJ	1032	1047	29.32	5	7	6	STEEP SLOPE
130	RJ	1047	1105	19.34	5	7	6	STEEP SLOPE / TRAFFIC
161	RJ	1131	1149	20.91	3	5	6	TRASH PILE
104	LZ	0751	0813	32.76	4	6	6	
149	LZ	0825	0845	17.59	5	7	6	
148	LZ	0849	0919	20.73	5	7	6	
147	LZ	0918	0941	27.10	5	6	7	
164	LZ	0942	1007	19.92	4	6	7	
156	LZ	1020	1032	16.86	5	6	6	STEEP SLOPE
155	LZ	1036	1045	5.35	5	7	6	STEEP SLOPE
154	LZ	1045	1101	6.49	5	7	6	STEEP SLOPE
159	LZ	10.30	1156	26.76	3	6	6	

Attach Calibration Sheet
Attach site map showing grid ID

SIMI VALLEY LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: G. Robles, L. Zeit, J. Medina, E Guzman

Cal. Gas Exp. Date: 4/27

Date: 7-24-24 Instrument Used: Inspectra Grid Spacing: 25FT

Temperature: 68° Precip: 0 Upwind BG: 1.3 Downwind BG: 2.6

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
189	GR	0730	0750	143.00	4	5	6	Obstruction
188	GR	0752	0812	93.26	2	3	1	Obstruction
187	GR	0813	0833	41.97	3	5	6	Vegetation
186	GR	0834	0854	35.52	3	5	6	Vegetation
181	JM	0741	0752	107.99	4	5	6	Gravel Pile
180	JM	0755	0811	329.86	2	3	6	Haul Road
179	JM	0814	0828	321.55	3	5	6	Haul Road
178	JM	0830	0849	171.39	3	5	6	Gravel/Heavy Equipment
168	EG	0732	0752	60.52	4	5	6	Steep Slope/Fence
78	EG	0759	0819	16.16	2	3	6	Steep Slope
182	LZ	0725	0750	331.41	4	5	6	
183	LZ	0750	0812	139.76	2	3	6	
184	LZ	0812	0837	59.65	3	5	6	
185	LZ	0838	0903	22.02	3	4	7	

Attach Calibration Sheet
Attach site map showing grid ID

Page 1 of 1

SIMI VALLEY LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: M. ORUE _____ _____ _____

_____ _____ _____

_____ _____ Cal. Gas Exp. Date: _____

Date: 9-24-24 Instrument Used: _____ Grid Spacing: _____

Temperature: _____ Precip: _____ Upwind BG: _____ Downwind BG: _____

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
118								Heavy Equipment
119								
120								
121								
122								
160								
162								
166								
167								
177								
200								
201								
202								
203								
169								Active TRASH
170								
171								
172								
190								
191								
192								
193								
194								
195								
196								
197								
198								
199								

Attach Calibration Sheet
Attach site map showing grid ID

Page 1 of 1

SIMI VALLEY LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: M. ORUE
L. ZEIT

Cal. Gas Exp. Date: 4/27

Date: 9-25-24 Instrument Used: INSpectra Grid Spacing: 25FT

Temperature: 69° Precip: 0 Upwind BG: 1.5 Downwind BG: 2.3

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION 16 POINT	
181	MO	1019	1030	20.51	4	5	6	Rock Pile
182	MO	1031	1052	26.22	6	11	6	
178	LZ	0922	0935	68.23	3	5	10	Haul Roads
179	LZ	0936	0949	55.89	4	5	10	Haul Road
180	LZ	0949	1009	41.21	4	6	8	Haul Road / Rock Pile
189	LZ	1015	1040	20.72	5	8	8	
183	LZ	1040	1105	22.79	6	10	8	

Attach Calibration Sheet
Attach site map showing grid ID

Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: SIMI VALLEY

Quarter / Year:	3R 2024	4th QTR 2024	4TH QTR / 2024
Technician:	M. ORTIZ	Jerry Munoz	Stephen Gerchus.
Instrument:	INSPECTOR	TVA 1000	TVA 1000
Calibration Standard:	25	25	25

Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days			
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm
129	29.3	9-23-24		10/3/24	20.09			10-11-24		
158	44.2					60.50			23.24	
104	32.7					32.70			20.34	
117	46.5					46.30			Active	
165	25.7					50.40			24.12	
147	27.1				12.10					
116	30.1				19.20					
176	44.2				23.07					
105	35.9					73.06			22.30	
139	85.8				24.07					
123	53.1				21.09					
134	29.9				23.11					
175	35.6					69.08			21.17	
163	29.3					110.07			22.10	
174	31.6					90.25			24.30	
159	26.7					37.83			19.34	
114	32.3				22.13					

Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: SIMI VALLEY

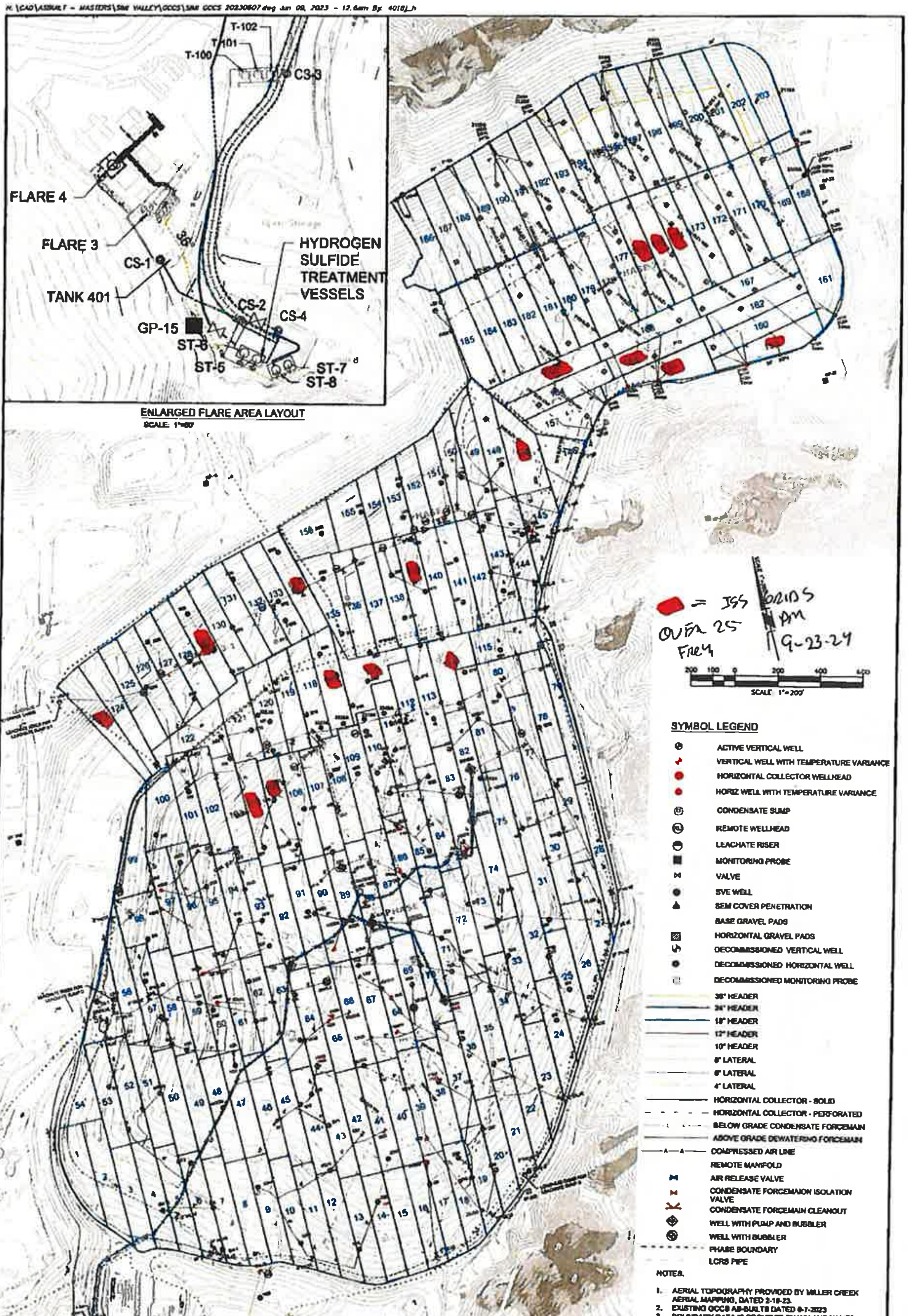
Quarter / Year:	3RD QTR 2024		4th QTR				4th QTR / 2024			
Technician:	M. ORUE		Jerry Munoz				Stephen Borchers			
Instrument:	INSPECTRA		TVA 1000				TVA 1000			
Calibration Standard:	25		25				25			
Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days			
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd <25 ppm	Excd >25 ppm
184	59.6	9-24-24		10/2/24	20.06			10-11-24		
168	80.5	↓		↓		96.87		↓	23.19	
188	83.2					104.07			14.92	
186	35.5					128			8.3	
187	41.9	↓		↓	22.07			↓		

Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: SIMI VALLEY

Quarter / Year:	3RD QTR 2024	4th QTR 2024	4TH QTR 2024
Technician:	Mi ORUE	Jerry Munoz	Stephen Borches.
Instrument:	FASPECTRA	TVA 1000	IV & 1000
Calibration Standard:	25	25	25

Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days			
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd <25 ppm	Excd >25 ppm
178	68.23	9-25-24		10/3/24		413		10-4-24	19.13	
180	41.21	↓		↓		78.25		↓	22.24	
179	55.89					78.25			17.18	
182	26.22	↓		↓		347			23.10	



SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS

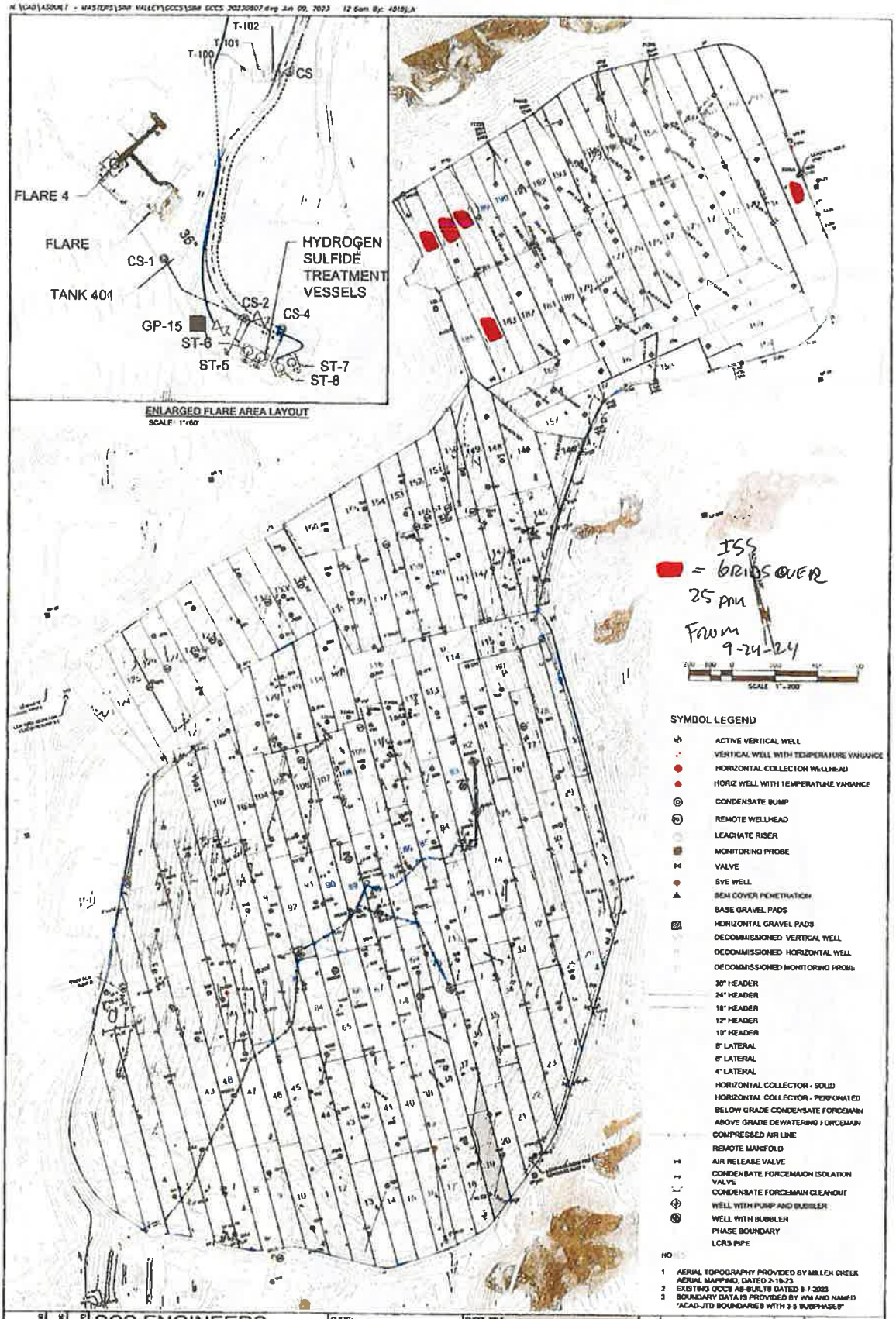
CLIENT: WM WASTE MANAGEMENT

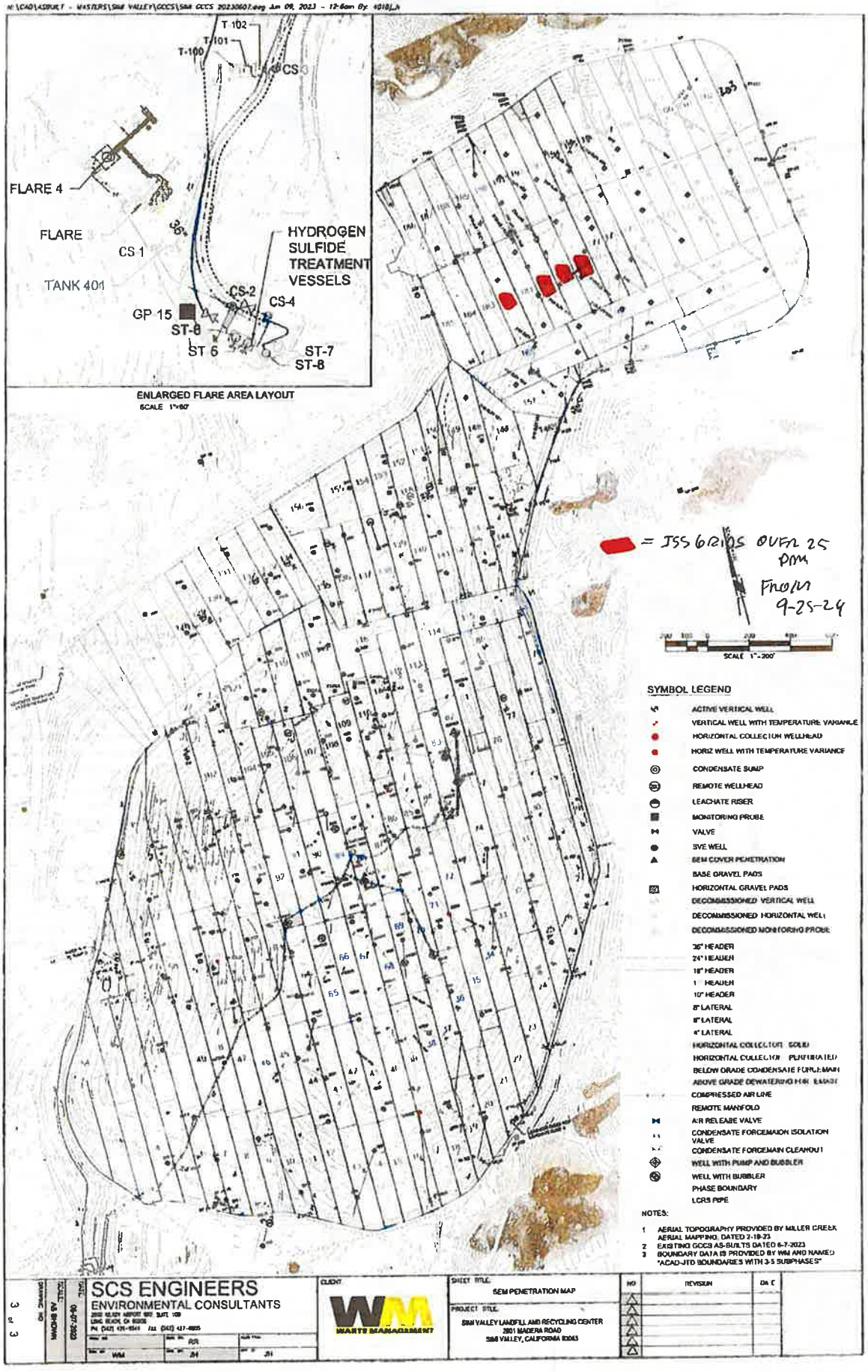
SHEET TITLE: SEM PENETRATION MAP

PROJECT TITLE: SIMI VALLEY LANDFILL AND RECYCLING CENTER, 2801 MADERA ROAD, SIMI VALLEY, CALIFORNIA 93065

NO	REVISION	DATE
△		
△		
△		
△		
△		
△		

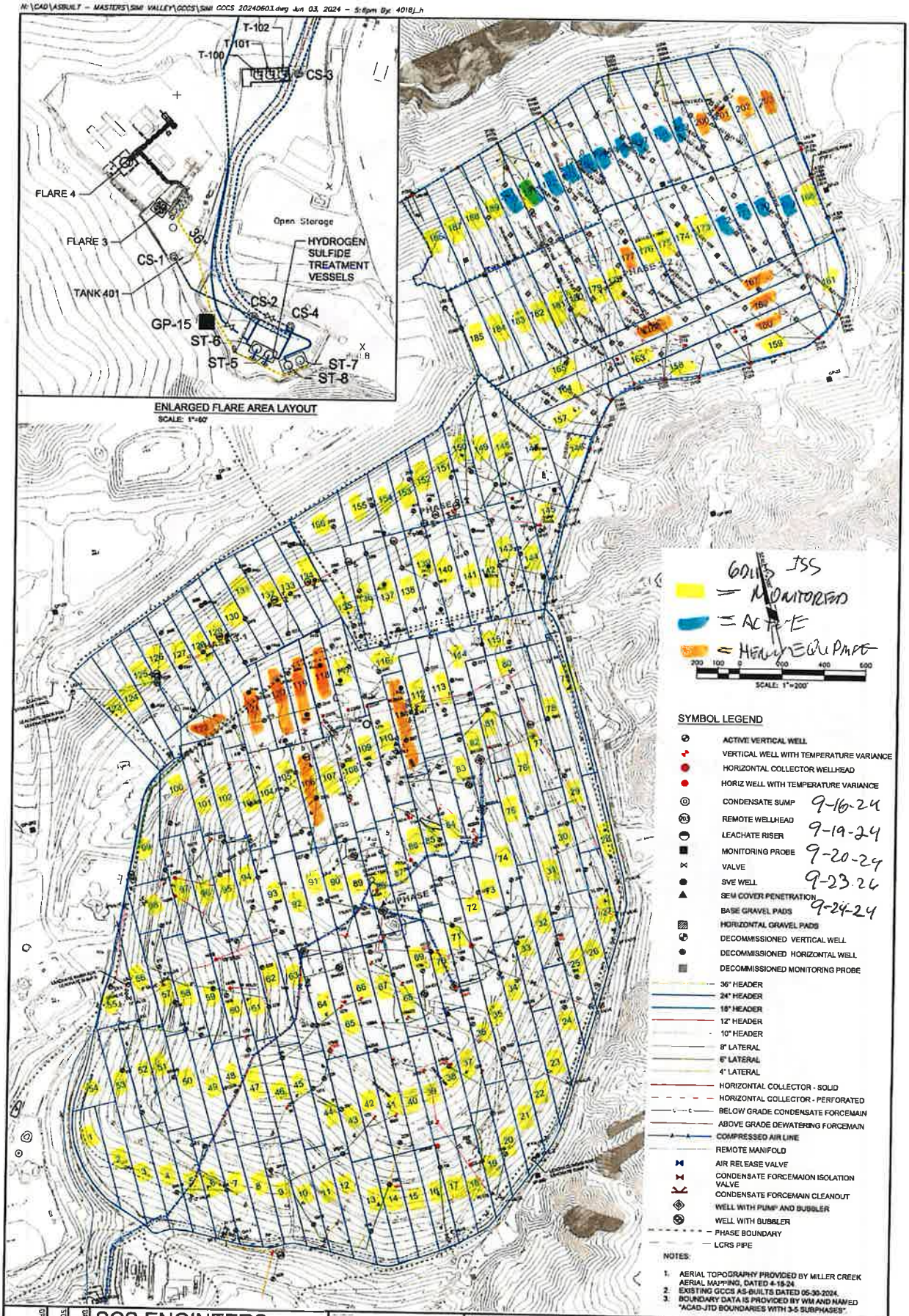
DATE: 06-07-2023 | SCALE: AS SHOWN | DRAWING NO. 3 of 3 | RR | WM | JH | JH


T-102
T-101
T-100
CS
FLARE 4
FLARE
36"
CS-1
TANK 401
HYDROGEN SULFIDE TREATMENT VESSELS
CS-2
CS-4
GP-15
ST-6
ST-5
ST-7
ST-8
ENLARGED FLARE AREA LAYOUT
SCALE: 1"=60'
ISS = GRIDS OVER 25 PPM FROM 9-24-24
SCALE 1"=200'
SYMBOL LEGEND
ACTIVE VERTICAL WELL
VERTICAL WELL WITH TEMPERATURE VARIANCE
HORIZONTAL COLLECTION WELLHEAD
HORIZ WELL WITH TEMPERATURE VARIANCE
CONDENSATE SUMP
REMOTE WELLHEAD
LEACHATE RISER
MONITORING PROBE
VALVE
SVE WELL
SEM COVER PENETRATION
BASE GRAVEL PADS
HORIZONTAL GRAVEL PADS
DECOMMISSIONED VERTICAL WELL
DECOMMISSIONED HORIZONTAL WELL
DECOMMISSIONED MONITORING PROBE
30" HEADER
24" HEADER
18" HEADER
12" HEADER
10" HEADER
8" LATERAL
6" LATERAL
4" LATERAL
HORIZONTAL COLLECTOR - SOLID
HORIZONTAL COLLECTOR - PERFORATED
BELOW GRADE CONDENSATE FORCEMAIN
ABOVE GRADE DEWATERING FORCEMAIN
COMPRESSED AIR LINE
REMOTE MANIFOLD
AIR RELEASE VALVE
CONDENSATE FORCEMAIN ISOLATION VALVE
CONDENSATE FORCEMAIN CLEANOUT
WELL WITH PUMP AND BUBBLER
WELL WITH BUBBLER
PHASE BOUNDARY
LCRS PIPE
NOTES
1 AERIAL TOPOGRAPHY PROVIDED BY MILLER CREEK AERIAL MAPPING, DATED 2-19-23
2 EXISTING CCCB AS-BUILTS DATED 8-7-2023
3 BOUNDARY DATA IS PROVIDED BY WM AND NAMED "ACAD-JTD BOUNDARIES WITH 3-5 SUBPHASE-5"
SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
CLIENT:
WASTE MANAGEMENT
SHEET TITLE
SEM PENETRATION MAP
PROJECT TITLE:
SIMI VALLEY LANDFILL AND RECYCLING CENTER
3801 MADERA ROAD
SIMI VALLEY, CALIFORNIA 93065
NO.
REVISION
DATE
DRAWING NO.
SCALE: AS SHOWN
DATE: 09-07-2023
3 OF 3


T 102
T-101
T-100
CS
FLARE 4
FLARE
CS 1
TANK 401
HYDROGEN SULFIDE TREATMENT VESSELS
CS-2
CS-4
GP 15
ST-8
ST 6
ST-7
ST-8
ENLARGED FLARE AREA LAYOUT
SCALE 1"=80'
= JSS 6/2/05 OVER 25 PPM
FROM 9-25-24
SCALE 1" = 200'
SYMBOL LEGEND
ACTIVE VERTICAL WELL
VERTICAL WELL WITH TEMPERATURE VARIANCE
HORIZONTAL COLLECTION WELLHEAD
HORIZ WELL WITH TEMPERATURE VARIANCE
CONDENSATE SUMP
REMOTE WELLHEAD
LEACHATE RISER
MONITORING PROBE
VALVE
SVE WELL
GEM COVER PENETRATION
BASE GRAVEL PADS
HORIZONTAL GRAVEL PADS
DECOMMISSIONED VERTICAL WELL
DECOMMISSIONED HORIZONTAL WELL
DECOMMISSIONED MONITORING PROBE
36" HEADER
24" HEADER
18" HEADER
1 HEADER
10" HEADER
8" LATERAL
6" LATERAL
4" LATERAL
HORIZONTAL COLLECTOR SOLID
HORIZONTAL COLLECTION PERFORATED
BELOW GRADE CONDENSATE FORCEMAIN
ABOVE GRADE DEWATERING HDR EARTH
COMPRESSED AIR LINE
REMOTE MANIFOLD
AIR RELEASE VALVE
CONDENSATE FORCEMAIN ISOLATION VALVE
CONDENSATE FORCEMAIN CLEANOUT
WELL WITH PUMP AND BUBBLER
WELL WITH BUBBLER
PHASE BOUNDARY
LCRS PIPE
NOTES:
1 AERIAL TOPOGRAPHY PROVIDED BY MILLER CREEK AERIAL MAPPING, DATED 2-18-23
2 EXISTING GCCS AS-BUILTS DATED 6-7-2023
3 BOUNDARY DATA IS PROVIDED BY WM AND NAMED "ACAD-JTD BOUNDARIES WITH 3-5 SUBPHASES"
SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
CLIENT
WM
WASTE MANAGEMENT
SHEET TITLE
GEM PENETRATION MAP
PROJECT TITLE
SIMI VALLEY LANDFILL AND RECYCLING CENTER
2801 MADERA ROAD
SIMI VALLEY, CALIFORNIA 93065
NO
REVISION
DATE
3 of 3

N:\CAD\ASBUILT - MASTERS\SIMI VALLEY\GCCS\SIMI GCCS 20240603.dwg Jun 03, 2024 - 5:6pm By: 4018j_h

ENLARGED FLARE AREA LAYOUT
SCALE: 1"=60'



6021 ISS
= MONITORED
= ACTIVE
= HEAVY EQUIPMENT

200 100 0 200 400 600
SCALE: 1"=200'

SYMBOL LEGEND

- ACTIVE VERTICAL WELL
- VERTICAL WELL WITH TEMPERATURE VARIANCE
- HORIZONTAL COLLECTOR WELLHEAD
- HORIZ WELL WITH TEMPERATURE VARIANCE
- CONDENSATE SUMP 9-16-24
- REMOTE WELLHEAD 9-19-24
- LEACHATE RISER
- MONITORING PROBE 9-20-24
- VALVE
- SVE WELL 9-23-24
- SEM COVER PENETRATION
- BASE GRAVEL PADS 9-24-24
- HORIZONTAL GRAVEL PADS
- DECOMMISSIONED VERTICAL WELL
- DECOMMISSIONED HORIZONTAL WELL
- DECOMMISSIONED MONITORING PROBE
- 36" HEADER
- 24" HEADER
- 18" HEADER
- 12" HEADER
- 10" HEADER
- 8" LATERAL
- 6" LATERAL
- 4" LATERAL
- HORIZONTAL COLLECTOR - SOLID
- HORIZONTAL COLLECTOR - PERFORATED
- BELOW GRADE CONDENSATE FORCEMAIN
- ABOVE GRADE DEWATERING FORCEMAIN
- COMPRESSED AIR LINE
- REMOTE MANIFOLD
- AIR RELEASE VALVE
- CONDENSATE FORCEMAIN ISOLATION VALVE
- CONDENSATE FORCEMAIN CLEANOUT
- WELL WITH PUMP AND BUBBLER
- WELL WITH BUBBLER
- PHASE BOUNDARY
- LCRS PIPE

NOTES:

1. AERIAL TOPOGRAPHY PROVIDED BY MILLER CREEK AERIAL MAPPING, DATED 4-15-24.
2. EXISTING GCCS AS-BUILTS DATED 05-30-2024.
3. BOUNDARY DATA IS PROVIDED BY WM AND NAMED "ACAD-JTD BOUNDARIES WITH 3-5 SUBPHASES".

DRAWING NO.	SCALE:	DATE:	
3 of 3	AS SHOWN	05-30-2024	

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
2060 KELLY AIRPORT WAY, SUITE 100
LONG BEACH, CA 90806
PH. (562) 426-9544 FAX. (562) 427-0805

PROJ. MGR.	DES. BY: SS	ACAD FILE:
DSN. BY: WM	CHK. BY: JH	APP. BY: JH

CLIENT: WASTE MANAGEMENT

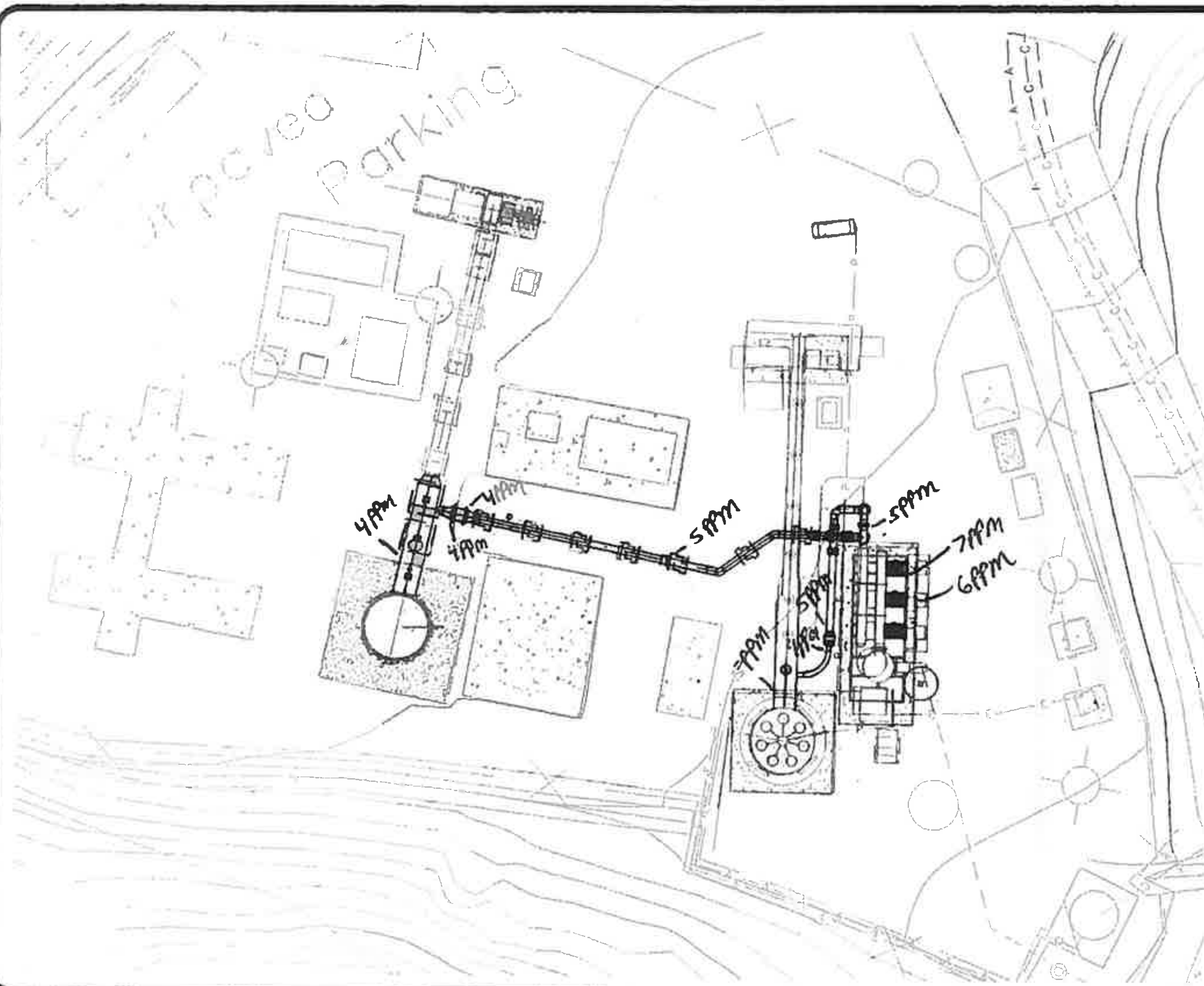
SHEET TITLE: SEM PENETRATION MAP

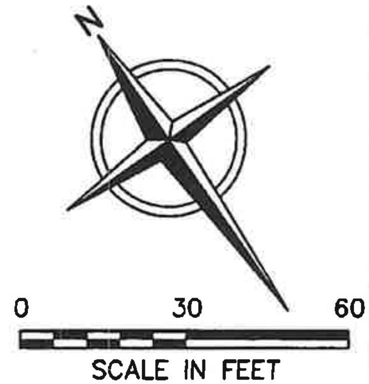
PROJECT TITLE:
SIMI VALLEY LANDFILL AND RECYCLING CENTER
2801 MADERA ROAD
SIMI VALLEY, CALIFORNIA 93065

NO.	REVISION	DATE

Attachment C

Component Leak Monitoring Event Records





DATE: 9-26-24

TIME: 0915

TECHNICIAN: Mike Orue

NOTES:
1. MONITOR ALL FLANGES AND ABOVE GROUND CONNECTIONS. WRITE THE HIGHEST READING IN THE BOX LABELED PPM. DRAW A CIRCLE AROUND THE LOCATIONS OF THE LEAK.

TETRA TECH

SIMI VALLEY LANDFILL
AND RECYCLING CENTER
SIMI VALLEY, CALIFORNIA

SEM RESULTS - FLARE STATION

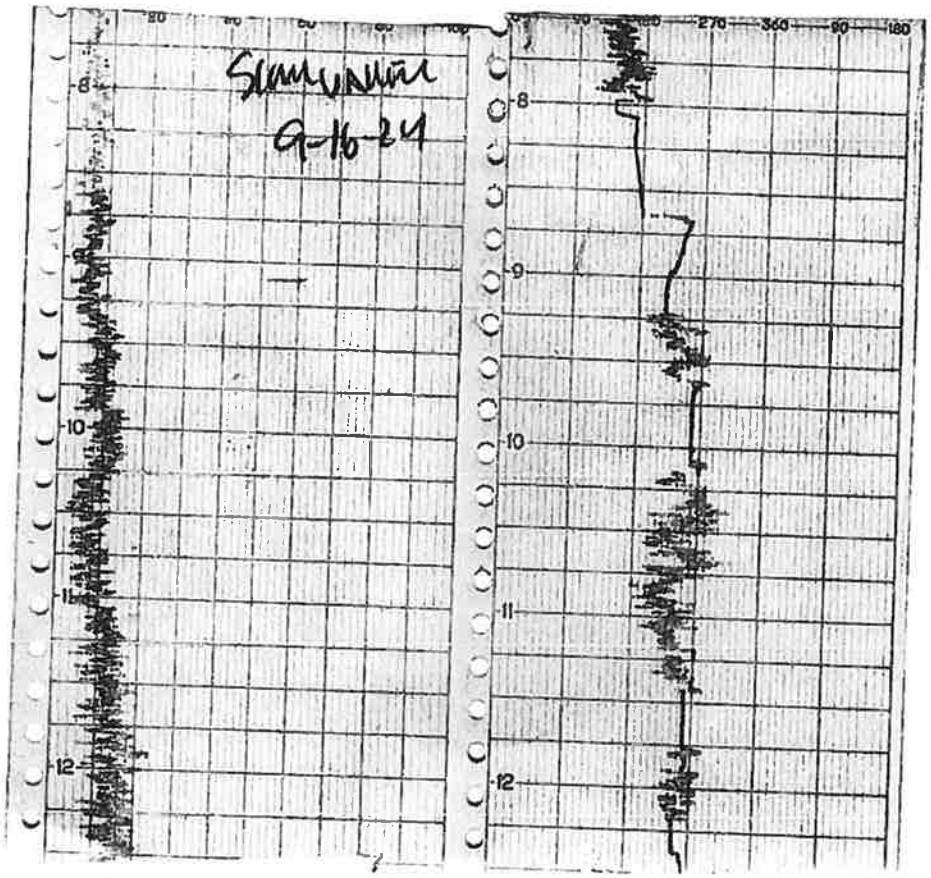
FIGURE NO.
1

PROJECT NO.
200026

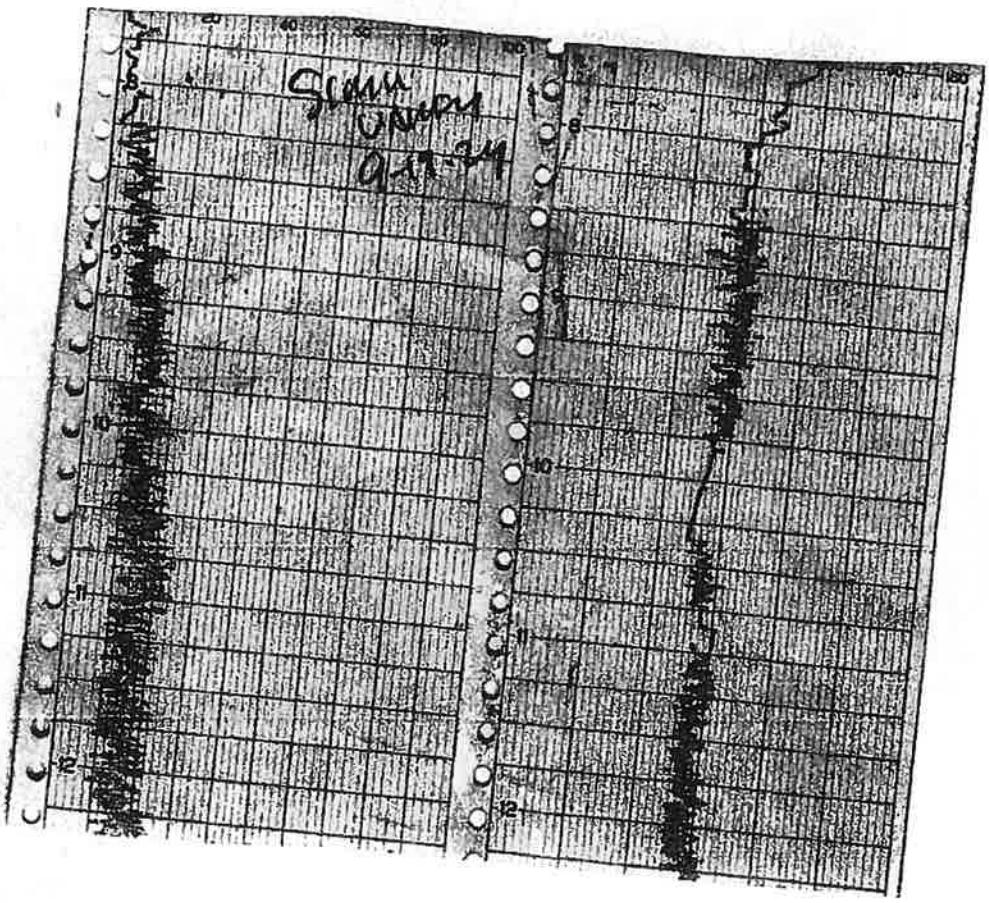
Attachment D

Weather Station Data

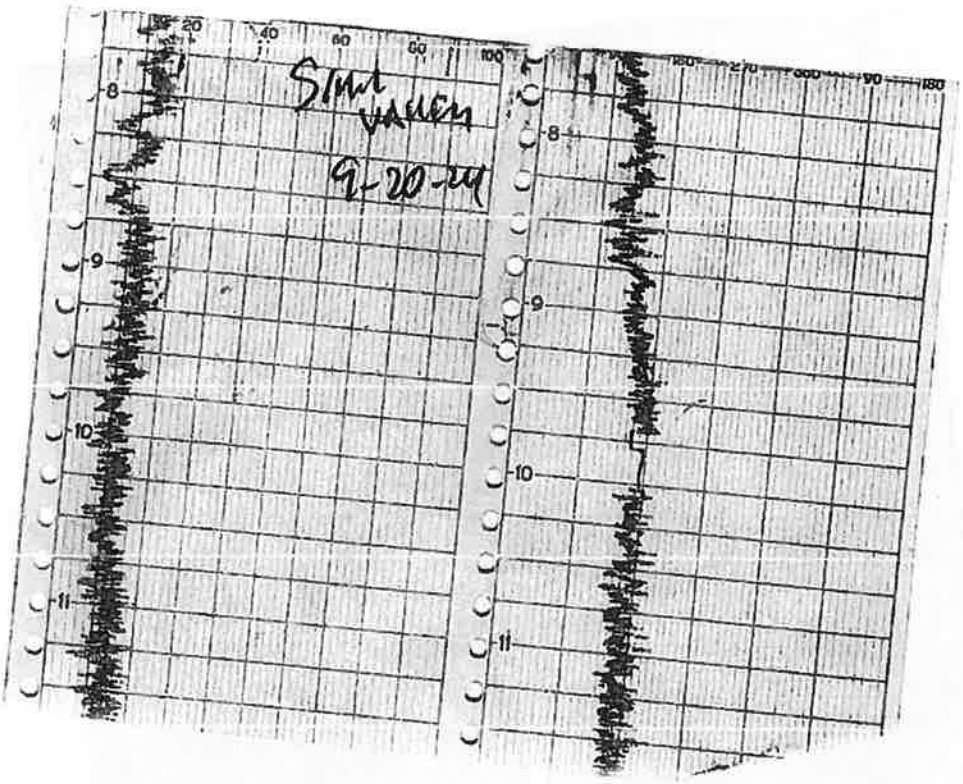
WIND SPEED & DIRECTION CHART ROLL



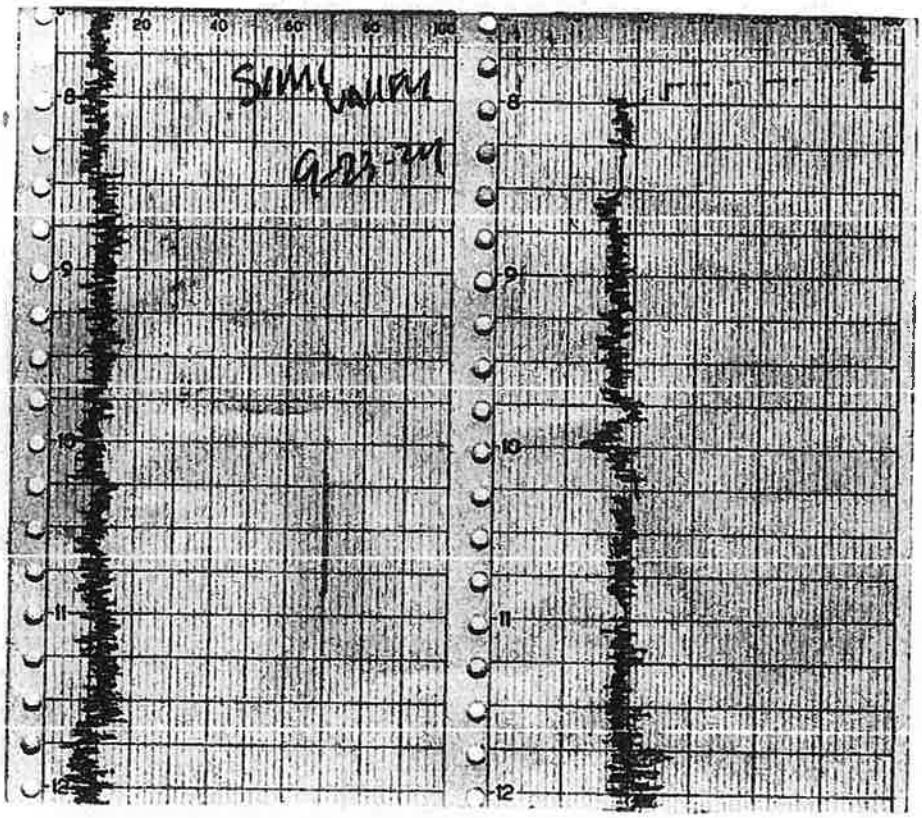
WIND SPEED & DIRECTION CHART ROLL



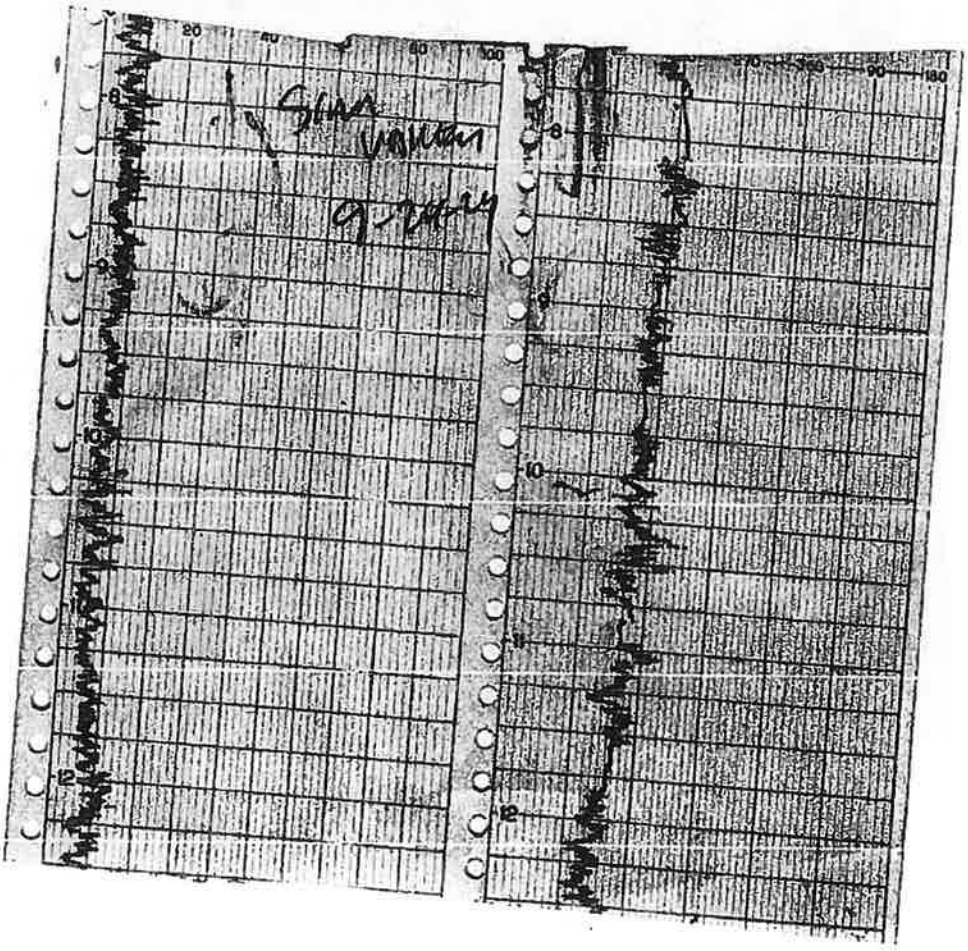
WIND SPEED & DIRECTION CHART ROLL



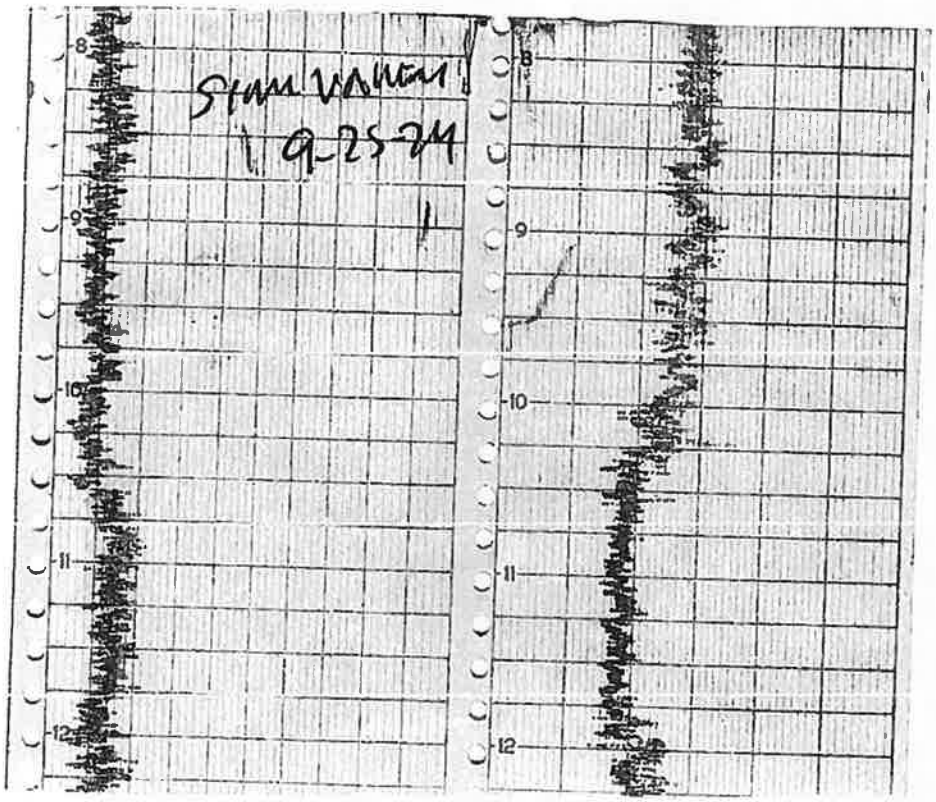
WIND SPEED & DIRECTION CHART ROLL



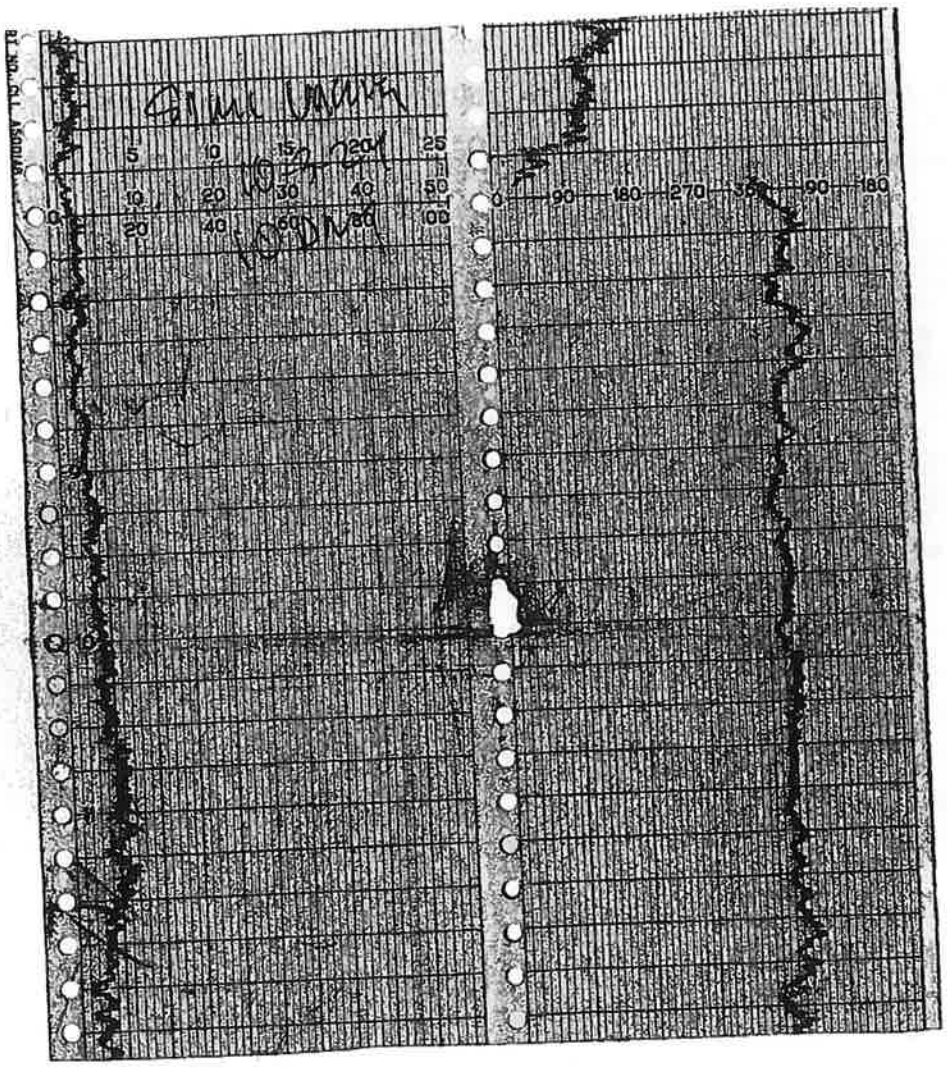
WIND SPEED & DIRECTION CHART ROLL



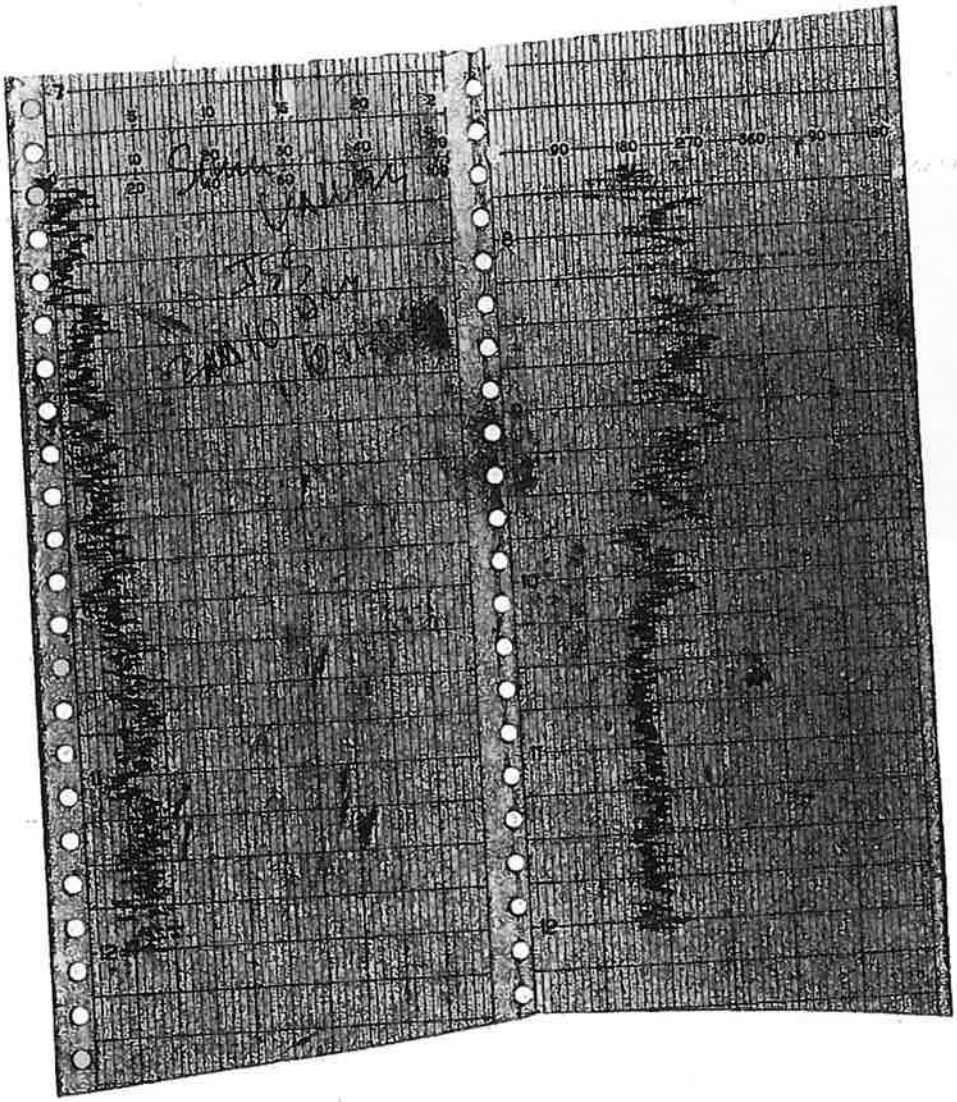
WIND SPEED & DIRECTION CHART ROLL



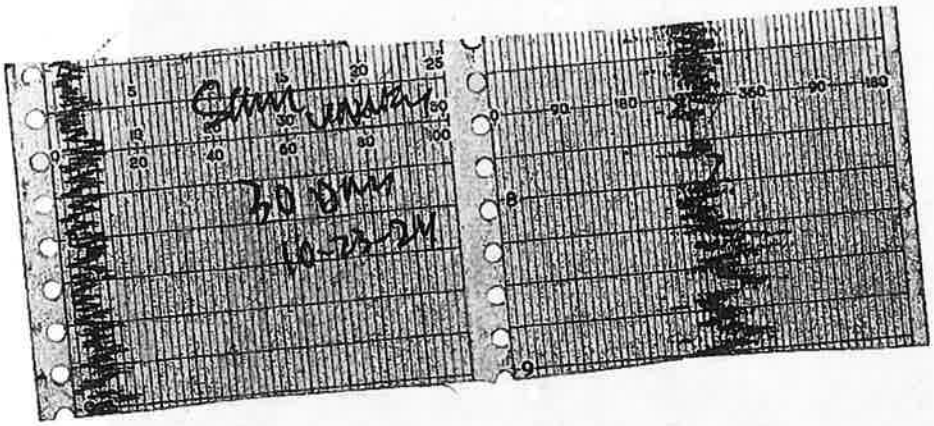
WIND SPEED & DIRECTION CHART ROLL



WIND SPEED & DIRECTION CHART ROLL



WIND SPEED & DIRECTION CHART ROLL



RES Environmental Inc.

16-POINT WIND DIRECTION INDEX

NO	DIRECTION	DEGREES		
		FROM	CENTER	TO
16	NORTH (N)	348.8	360.0	011.3
1	NORTH-NORTHEAST (NNE)	011.3	022.5	033.8
2	NORTHEAST (NE)	033.8	045.0	056.3
3	EAST-NORTHEAST (ENE)	056.3	067.5	078.8
4	EAST (E)	078.8	090.0	101.3
5	EAST-SOUTHEAST (ESE)	101.3	112.5	123.8
6	SOUTHEAST (SE)	123.8	135.0	146.3
7	SOUTH-SOUTHEAST (SSE)	146.3	157.5	168.8
8	SOUTH (S)	168.8	180.0	191.3
9	SOUTH-SOUTHWEST (SSW)	191.3	202.5	213.8
10	SOUTHWEST (SW)	213.8	225.0	236.3
11	WEST-SOUTHWEST (WSW)	236.3	247.5	258.8
12	WEST (W)	258.8	270.0	281.3
13	WEST-NORTHWEST (WNW)	281.3	292.5	303.8
14	NORTHWEST (NW)	303.8	315.0	326.3
15	NORTH-NORTHWEST (NNW)	326.3	337.5	348.8

865 Via Lata ▪ Colton, California 92324 ▪ (909) 422-1001 Fax (909) 422-0707

Attachment E

Calibration Records

NorLAB
A DIVISION OF NORCO, INC

Calibration Gases & Equipment

CERTIFICATE OF ANALYSIS

Norco, Inc
Twin Falls Warehouse
203 S. Park Ave. West
Twin Falls, ID 83301

Cust Number WH012
Order Number 71846398
PO Number 04A35563

Lot Number	3-088-88
Norlab Part#	J1971500PA
Cylinder Size	103 Liter
Number of Cyl	5

Date on Manufacture	4/7/2023
Expires	04/2027
Analytical Accuracy	+/- 2 %

Customer Part# N/A

Component	Reported Concentration	Requested Concentration
Methane	500 ppm	500 ppm
Air	Balance	Balance

Storage: Keep away from heat, flames, and sparks. Store and use with adequate ventilation. Close valve when not in use and when empty. Never allow cylinder temperature to exceed 125 degrees F.

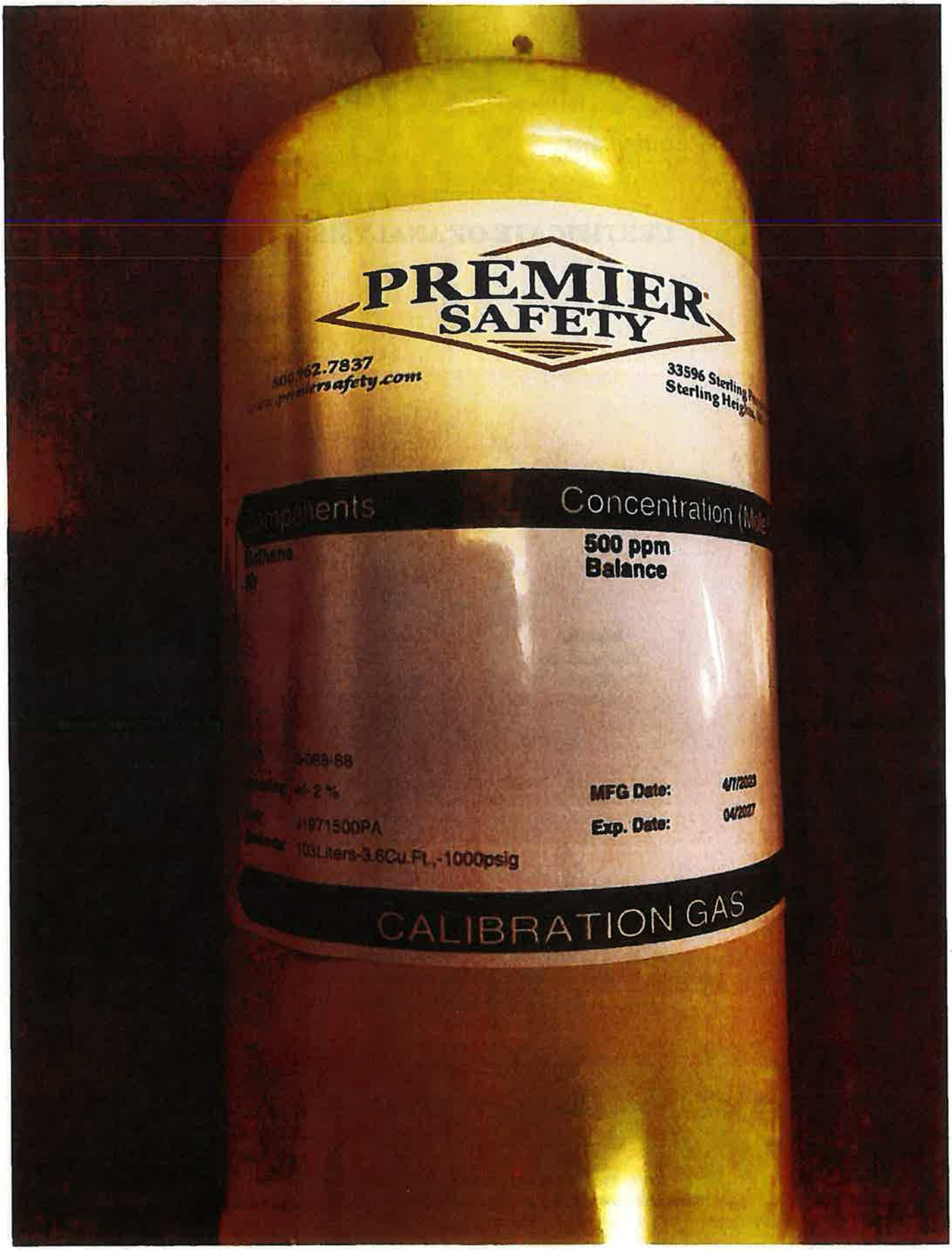
The cylinders in this lot were transfilled from cylinders prepared gravimetrically and traceable to the NIST by the certified weights used to calibrate the scale. The transfilled cylinders were then analyzed against standards traceable to the NIST by weights or SRMs.

NIST Traceable Numbers are available upon request.

Approved: _____ Date Signed: 4/7/2023

Jeff Korn
Lab Technician

898 W. GOWEN ROAD • BOISE, IDAHO 83705
Phone (208) 336-1643 • Fax (208) 331-3038 • 800-657-6672


PREMIER
SAFETY
33596 Sterling
Sterling Heig
Concentration
500 ppm
Balance
MFG Date:
Exp. Date:
04/2027
CALIBRATION GAS

NorLAB®
A DIVISION OF NORCO, INC.

Calibration Gases & Equipment

CERTIFICATE OF ANALYSIS

Premier Safety & Service

33596 Sterling Pond Blvd
Sterling Hights MI 48312

Cust Number 07152
Order Number 73732858
PO Number 04B70733

Lot Number	3-340-61	Date on Manufacture	12/7/2023
Norlab Part#	J1971500PA	Expires	12/2027
Cylinder Size	103 Liter	Analytical Accuracy	+/- 2 %
Number of Cyl	5		

Customer Part# N/A

Component	Reported Concentration	Requested Concentration
Methane	500 ppm	500 ppm
Air	Balance	Balance

Storage: Keep away from heat, flames, and sparks. Store and use with adequate ventilation. Close valve when not in use and when empty. Never allow cylinder temperature to exceed 125 degrees F.

The cylinders in this lot were transfilled from cylinders prepared gravimetrically and traceable to the NIST by the certified weights used to calibrate the scale. The transfilled cylinders were then analyzed against standards traceable to the NIST by weights or SRMs.

NIST Traceable Numbers are available upon request.

Approved: _____ Date Signed: 12/7/2023
Aaron Schwenken
Lab Manager

898 W. GOWEN ROAD • BOISE, IDAHO 83705
Phone (208) 336-1643 • Fax (208) 331-3038 • 800-657-6672


PREMIER
SAFETY
Components
Concentration
Methane
500 ppm
Balance
Lot: 3-340-61
Accuracy: +/- 2 %
MFG Date:
Exp. Date:
Contents: 103Liters-3.6Cu.Ft.,-1000psig
CALIBRATION GAS

RES
Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Simi Valley INSTRUMENT MAKE: THERMO

MODEL: TVA1000 EQUIPMENT #: 10 SERIAL #: 1036346773

MONITORING DATE: 9-26-24 TIME: 0900

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 503 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
2.3 ppm	3.8 ppm	3.0 ppm

Background Value = 3.0 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	503 ppm	450 ppm	7
#2	503 ppm	450 ppm	5
#3	503 ppm	450 ppm	5
Calculate Response Time (1+2+3) / 3			5.6 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.2 ppm	503 ppm	3
#2	0.3 ppm	503 ppm	3
#3	0.2 ppm	503 ppm	3
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.2% #DIV/0! Must be less than 10%

Performed By: Michael ORes Date/Time: 9-26-24/0900

RES
Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME Simi Valley INSTRUMENT MAKE +Hermo

MODEL TVA1000 EQUIPMENT #: 36 SERIAL # 0332603195

MONITORING DATE 10-3-24 TIME: 6:45

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 500 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
2.2 ppm	2.8 ppm	2.6 ppm

Background Value = 2.6 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	504 ppm	450 ppm	8
#2	502 ppm	450 ppm	6
#3	502 ppm	450 ppm	6
Calculate Response Time (1+2+3) / 3			#DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.2 ppm	504 ppm	4
#2	0.2 ppm	502 ppm	2
#3	0.5 ppm	502 ppm	2
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			#DIV/0! Must be less than 10%

Performed By: Jerry Munoz Date/Time 10/3/24 6:45

CALIBRATION PROCEDURE AND BACKGROUND REPORT - INTEGRATED

LANDFILL NAME Simi Valley INSTRUMENT MAKE Thermo

MODEL TVA1200 EQUIPMENT # 3 SERIAL # 1586-5884

MONITORING DATE 10-11-24 TIME 0730

Calibration Procedure

1. Allow instrument to zero itself while introducing air
2. Introduce calibration gas into the probe Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.75 ppm	7.89 ppm	7.32 ppm

Background Value = _____ ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24 ppm	20 ppm	6
#2	25 ppm	20 ppm	8
#3	24.5 ppm	20 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24 ppm	1
#2	0.0 ppm	25 ppm	0
#3	1.0 ppm	24.5 ppm	.5
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2% #DIV/0! Must be less than 10%

Performed By: Stephen Bocchicchio Date/Time 10-11-24 / 0730

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME Simi Valley INSTRUMENT MAKE: THERMO

MODEL TVA1000 EQUIPMENT # 36 SERIAL # 0332603195

MONITORING DATE 10-23-24 TIME 0700

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 500 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
2.2 ppm	2.8 ppm	2.6 ppm

Background Value = 2.6 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	504 ppm	450 ppm	8
#2	502 ppm	450 ppm	6
#3	502 ppm	450 ppm	6
Calculate Response Time (1+2+3) / 3			#DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.2 ppm	504 ppm	4
#2	0.2 ppm	502 ppm	2
#3	0.5 ppm	502 ppm	2
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1 / 500 X 100 / 1			#DIV/0! Must be less than 10%

Performed By: ED GUZMAN Date/Time: 10-23-24 0700

DataField

Project :	RES_SimiValley landfill	**Date/Time :**	9/16/2024 4:31:13 AM
Model Number :	INSPECTRA	**Serial Number :**	761121
Latitude :	34.0563299	**Longitude :**	-117.3072686
Test Status :	Completed	**Test Notes :**	Test successfully completed at 2024-Sep-16 04:36 using one span gas.

		Measurement #1		Measurement #2		Measurement #3					
GAS USED		T90	Reading	T90	Reading	T90	Reading	Average Algebraic Difference	Calibration Precision	Calibration Precision < 10	Average Response Time
	(ppm)	(sec)	(ppm)	(sec)	(ppm)	(sec)	(ppm)		(%)		(s)
ZERO	0										
Calibration Gas #1	500	6.5	477.4	6.5	478.9	6.5	476.8	21.6	4.3%	Yes	6.5

Gas Sequence ID :	0	**Date/Time :**	9/16/2024 4:31:13 AM
Gas Manufacturer :	premier safety	**Gas Lot Number :**	2-154-85
Gas Expiration Date :	6/9/2025	**Bottle Pressure :**	1000
Misc Ref No :	N/A	**Technical Name :**	N/A
UN# :	N/A	**Cylinder ID :**	N/A

Gas Sequence ID :	1	**Date/Time :**	9/16/2024 4:31:13 AM
Gas Manufacturer :	Premier Safety	**Gas Lot Number :**	3-088-88
Gas Expiration Date :	4/1/2027	**Bottle Pressure :**	1000
Misc Ref No :	N/A	**Technical Name :**	N/A
UN# :	N/A	**Cylinder ID :**	N/A

Datafield

Project :	RES_SimiValley landfill	**Date/Time :**	9/16/2024 4:29:53 AM
Model Number :	INSPECTRA	**Serial Number :**	1001221
Latitude :	34.0563871	**Longitude :**	-117.3072944
Test Status :	Completed	**Test Notes :**	Test successfully completed at 2024-Sep-16 04:33 using one span gas.

		Measurement #1		Measurement #2		Measurement #3					
GAS USED		T90	Reading	T90	Reading	T90	Reading	Average Algebraic Difference	Calibration Precision	Calibration Precision < 10	Average Response Time
	(ppm)	(sec)	(ppm)	(sec)	(ppm)	(sec)	(ppm)		(%)		(s)
ZERO	0										
Calibration Gas #1	500	8.5	477.4	6.5	482.4	6.7	481.8	19.5	3.9%	Yes	7.2

DataField

Gas Sequence ID :	0	**Date/Time :**	9/16/2024 4:29:53 AM
Gas Manufacturer :	premier safety	**Gas Lot Number :**	2-164-85
Gas Expiration Date :	6/9/2025	**Bottle Pressure :**	1000
Misc Ref No :	N/A	**Technical Name :**	N/A
UN# :	N/A	**Cylinder ID :**	N/A

Gas Sequence ID :	1	**Date/Time :**	9/16/2024 4:29:53 AM
Gas Manufacturer :	premiere safety	**Gas Lot Number :**	308888
Gas Expiration Date :	4/14/2027	**Bottle Pressure :**	500
Misc Ref No :	N/A	**Technical Name :**	N/A
UN# :	N/A	**Cylinder ID :**	N/A

DataField

Project :	RES_SimiValley landfill	**Date/Time :**	9/16/2024 4:30:13 AM
Model Number :	INSPECTRA	**Serial Number :**	881221
Latitude :	34.0563694	**Longitude :**	-117.3073162
Test Status :	Completed	**Test Notes :**	Test successfully completed at 2024-Sep-16 04:34 using one span gas.

		Measurement #1		Measurement #2		Measurement #3					
GAS USED		**T90**	**Reading**	**T90**	**Reading**	**T90**	**Reading**	**Average Algebraic Difference**	**Calibration Precision**	**Calibration Precision < 10**	**Average Response Time**
	(ppm)	**(sec)**	**(ppm)**	**(sec)**	**(ppm)**	**(sec)**	**(ppm)**		**(%)**		**(s)**
ZERO	0										
Calibration Gas #1	500	6.8	481.4	6.8	481.3	4.8	480.6	18.9	3.8%	Yes	6.1

DataField

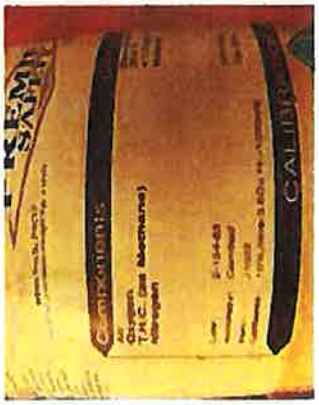
Gas Sequence ID :	0	**Date/Time :**	9/16/2024 4:30:13 AM
Gas Manufacturer :	premier safety	**Gas Lot Number :**	2-154-85
	intermountain		
Gas Expiration Date :	6/9/2025	**Bottle Pressure :**	1000
Misc Ref No :	N/A	**Technical Name :**	N/A
UN# :	N/A	**Cylinder ID :**	N/A

Gas Sequence ID :	1	**Date/Time :**	9/16/2024 4:30:13 AM
Gas Manufacturer :	Premier Safety	**Gas Lot Number :**	3-088-88
Gas Expiration Date :	4/1/2027	**Bottle Pressure :**	1000
Misc Ref No :	N/A	**Technical Name :**	N/A
UN# :	N/A	**Cylinder ID :**	N/A

Project :	**RES_SimiValley landfill**	**Date/Time :**	9/16/2024 4:32:17 AM
Model Number :	**INSPECTRA**	**Serial Number :**	1011221
Latitude :	**34.0563799**	**Longitude :**	-117.3072913
Test Status :	**Completed**	**Test Notes :**	**Test successfully completed at 2024-Sep-16 04:36 using one span gas.**

		Measurement #1		Measurement #2		Measurement #3					
GAS USED		**T90**	**Reading**	**T90**	**Reading**	**T90**	**Reading**	**Average Algebraic Difference**	**Calibration Precision**	**Calibration Precision < 10**	**Average Response Time**
	(ppm)	**(sec)**	**(ppm)**	**(sec)**	**(ppm)**	**(sec)**	**(ppm)**		**(%)**		**(s)**
ZERO	**0**										
Calibration Gas #1	**500**	**6.9**	**479.1**	**7.0**	**480.3**	**6.9**	**480.4**	**20.1**	**4%**	**Yes**	**6.9**

Gas Sequence ID :	0	**Date/Time :**	9/16/2024 4:32:17 AM
Gas Manufacturer :	premier safety	**Gas Lot Number :**	2-154-85
	intermountain		
Gas Expiration Date :	6/9/2025	**Bottle Pressure :**	1000
Misc Ref No :	N/A	**Technical Name :**	N/A
UN# :	N/A	**Cylinder ID :**	N/A



DataField

Gas Sequence ID :	1	**Date/Time :**	9/16/2024 4:32:17 AM
Gas Manufacturer :	premier saftey	**Gas Lot Number :**	3-088-88
Gas Expiration Date :	4/1/2027	**Bottle Pressure :**	1000
Misc Ref No :	N/A	**Technical Name :**	N/A
UN# :	N/A	**Cylinder ID :**	N/A

DataField

Project :	RES_SimiValley landfill	**Date/Time :**	9/16/2024 4:31:52 AM
Model Number :	INSPECTRA	**Serial Number :**	811121
Latitude :	34.056374	**Longitude :**	-117.3072673
Test Status :	Completed	**Test Notes :**	Test successfully completed at 2024-Sep-16 04:38 using one span gas.

		Measurement #1		Measurement #2		Measurement #3					
GAS USED		T90	Reading	T90	Reading	T90	Reading	Average Algebraic Difference	Calibration Precision	Calibration Precision < 10	Average Response Time
	(ppm)	(sec)	(ppm)	(sec)	(ppm)	(sec)	(ppm)		(%)		(s)
ZERO	0										
Calibration Gas #1	500	6.9	484.7	6.7	484.4	6.7	484.5	15.5	3.1%	Yes	6.8

DataField

Gas Sequence ID :	0	**Date/Time :**	9/16/2024 4:31:52 AM
Gas Manufacturer :	premier safety	**Gas Lot Number :**	2-154-85
Gas Expiration Date :	6/8/2025	**Bottle Pressure :**	1000
Misc Ref No :	N/A	**Technical Name :**	N/A
UN# :	N/A	**Cylinder ID :**	N/A

Gas Sequence ID :	1	**Date/Time :**	9/16/2024 4:31:52 AM
Gas Manufacturer :	premier safety	**Gas Lot Number :**	3-088-88
Gas Expiration Date :	4/1/2027	**Bottle Pressure :**	1000
Misc Ref No :	N/A	**Technical Name :**	N/A
UN# :	N/A	**Cylinder ID :**	N/A

RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Unit #1

SERIAL NUMBER: 16320832

TECHNICIAN: [signature] DATE: 7-7-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	100	+/- 25
500	500	499	+/- 125
10000	10000	10,006	+/- 2500
< 1	ZERO GAS	0.49	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

All measurement standards are calibrated at scheduled intervals by the National Institute of Standards and Technology (NIST), or against certified standards, which are traceable to the National Institute of Standards and Technology.

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Unit #2

SERIAL NUMBER: 784545

TECHNICIAN: [signature] DATE: 1-7-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	100	+/- 25
500	500	500	+/- 125
10000	10000	10,003	+/- 2500
< 1	ZERO GAS	0.65	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Unit # 3

SERIAL NUMBER: 15865884

TECHNICIAN: [illegible] DATE: 7-7-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	100	+/- 25
500	500	500	+/- 125
10000	10000	10,000	+/- 2500
< 1	ZERO GAS	0.62	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Unit #4

SERIAL NUMBER: 16319830

TECHNICIAN: [signature] DATE: 7-2-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	99	+/- 25
500	500	500	+/- 125
10000	10000	10,102	+/- 2500
< 1	ZERO GAS	0.62	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Unit #5

SERIAL NUMBER: 4919480

TECHNICIAN: [signature] DATE: 7-7-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	100	+/- 25
500	500	500	+/- 125
10000	10000	10000	+/- 2500
< 1	ZERO GAS	0.61	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Unit #6

SERIAL NUMBER: 0720723626

TECHNICIAN: [signature] DATE: 7-7-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	100	+/- 25
500	500	500	+/- 125
10000	10000	10,003	+/- 2500
< 1	ZERO GAS	0.69	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

All measurement standards are calibrated at scheduled intervals by the National Institute of Standards and Technology (NIST), or against certified standards, which are traceable to the National Institute of Standards and Technology.

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES CAM #7

SERIAL NUMBER: 0720723627

TECHNICIAN: [signature] DATE: 7-7-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	100	+/- 25
500	500	502	+/- 125
10000	10000	10,111	+/- 2500
< 1	ZERO GAS	0.69	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

All measurement standards are calibrated at scheduled intervals by the National Institute of Standards and Technology (NIST), or against certified standards, which are traceable to the National Institute of Standards and Technology.

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Unit #9

SERIAL NUMBER: 053211380(

TECHNICIAN: [signature] DATE: 7-7-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	100	+/- 25
500	500	500	+/- 125
10000	10000	10,000	+/- 2500
< 1	ZERO GAS	0.71	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Van #32

SERIAL NUMBER: 092853B423

TECHNICIAN: MM DATE: 1-2-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	99	+/- 25
500	500	500	+/- 125
10000	10000	10,067	+/- 2500
< 1	ZERO GAS	0.70	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Unit #36

SERIAL NUMBER: 0332603195

TECHNICIAN: [signature] DATE: 7-7-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	99	+/- 25
500	500	499	+/- 125
10000	10000	10,101	+/- 2500
< 1	ZERO GAS	0.52	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Unit #43

SERIAL NUMBER: 15865062

TECHNICIAN: JM M DATE: 7-7-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	100	+/- 25
500	500	500	+/- 125
10000	10000	10,000	+/- 2500
< 1	ZERO GAS	0.52	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Van # 46

SERIAL NUMBER: 7783434

TECHNICIAN: [illegible] DATE: 7-7-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	100	+/- 25
500	500	500	+/- 125
10000	10000	10,119	+/- 2500
< 1	ZERO GAS	0.56	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

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RES Environmental Inc.

TVA1000B CALIBRATION VERIFICATION

CUSTOMER: RES Unit # 10

SERIAL NUMBER: 1036346773

TECHNICIAN: [signature] DATE: 7-7-24

GAS CALIBRATION CHECK (PERFORMED AT ROOM TEMPERATURE)

FID			
METHANE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
100	100	100	+/- 25
500	500	499	+/- 125
10000	10000	10,112	+/- 2500
< 1	ZERO GAS	0.54	< 3
PID			
ISOBUTYLENE GAS NOMINAL (ppm)	CALIBRATION GAS (ppm)	TVA READING (ppm)	TOLERANCE (ppm)
50	50		+/- 12.5
100	100		+/- 25
500	500		+/- 125
< 1	ZERO GAS		< 3

All measurement standards are calibrated at scheduled intervals by the National Institute of Standards and Technology (NIST), or against certified standards, which are traceable to the National Institute of Standards and Technology.

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: JM JM

Date: 9-7-24 Time: 0600

Model # Ttk 1000

Serial # #1 16320832

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following Ignition	28 ppm	Calibration Gas (ppm): 500 / Actual (ppm): 500 / % Accuracy: 100%
Leak test	(Pass) / Fail / NA	RESPONSE TIME
Clean system check (check valve chatter)	(Pass) / Fail / NA	Calibration Gas, ppm: 500
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	90% of Calibration Gas, ppm: 450
Date of last factory calibration	7-7-24	Time required to attain 90% of Cal Gas ppm: 1. 6 / 2. 6 / 3. 5
Factory calibration record w/instrument within 3 months	(Pass) / Fail	Average: 5.6
		Equal to or less than 30 seconds? (Y) N
		Instrument calibrated to CH4 gas.

Comments: _____

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: _____

Date: 9-7-24 Time: 0615

Model # TVA 1000

Serial # #2 778454S

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following ignition	2.1 ppm	Calibration Gas (ppm): 500 — Actual (ppm): 500 — % Accuracy: 100%
Leak test	(Pass) / Fail / NA	RESPONSE TIME
Clean system check (check valve chatter)	(Pass) / Fail / NA	Calibration Gas, ppm: 500
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	90% of Calibration Gas, ppm: 450
Date of last factory calibration	7-7-24	Time required to attain 90% of Cal Gas ppm: 1. 6 2. 6 3. 5
Factory calibration record w/instrument within 3 months	(Pass) / Fail	Average: 5.6
		Equal to or less than 30 seconds? (Y) N
		Instrument calibrated to CH4 gas.

Comments: _____

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: MM

Date: 9-7-24 Time: 0630

Model # TVA 1000

Serial # #3 15865884

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following ignition	2.0 ppm	Calibration Gas (ppm): 500 / Actual (ppm): 500 / % Accuracy: 100%
Leak test	(Pass) / Fail / NA	RESPONSE TIME
Clean system check (check valve chatter)	(Pass) / Fail / NA	Calibration Gas, ppm: 500
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	90% of Calibration Gas, ppm: 450
Date of last factory calibration	7-7-24	Time required to attain 90% of Cal Gas ppm: 1. 5 / 2. 5 / 3. 5 / Average 5.0
Factory calibration record w/instrument within 3 months	(Pass) / Fail	Equal to or less than 30 seconds? (Y) N
		Instrument calibrated to CH4 gas.

Comments: _____

465

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: MM MM

Date: 9-7-24 Time: 0645

Model # TVA 1000

Serial # #4 16319870

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following ignition	2.5 ppm	Calibration Gas (ppm): 500 — Actual (ppm): 500 — % Accuracy: 100%
Leak test	(Pass) / Fail / NA	RESPONSE TIME
Clean system check (check valve chatter)	(Pass) / Fail / NA	Calibration Gas, ppm: 500
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	90% of Calibration Gas, ppm: 450
Date of last factory calibration	7-7-24	Time required to attain 90% of Cal Gas ppm: 1. 6; 2. 6; 3. 6
Factory calibration record w/instrument within 3 months	(Pass) / Fail	Average: 6.0
		Equal to or less than 30 seconds? (Y) N
		Instrument calibrated to CGA gas.

Comments: _____

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: _____

Date: 9-7-24 Time: 0700

Model # TVA 1000

Serial # #5 4919480

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following ignition	2.9 ppm	Calibration Gas (ppm): 500 / Actual (ppm): 500 / % Accuracy: 100%
Leak test	(Pass) / Fail / NA	RESPONSE TIME
Clean system check (check valve chatter)	(Pass) / Fail / NA	Calibration Gas, ppm: 500
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	90% of Calibration Gas, ppm: 450
Date of last factory calibration	7-7-24	Time required to attain 90% of Cal Gas ppm: 1. 5 / 2. 6 / 3. 6
Factory calibration record w/instrument within 3 months	(Pass) / Fail	Average: 5.6
		Equal to or less than 30 seconds? Y N
		Instrument calibrated to _____ gas.

Comments: _____

465

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: _____

Date: 9-7-24 Time: 0715

Model # TVA 1000

Serial # #6 0720723626

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following Ignition	2.6 ppm	Calibration Gas (ppm): 500 — Actual (ppm): 500 — % Accuracy: 100%
Leak test	(Pass) / Fail / NA	RESPONSE TIME
Clean system check (check valve chatter)	(Pass) / Fail / NA	Calibration Gas, ppm: 500
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	90% of Calibration Gas, ppm: 450
Date of last factory calibration	7-7-24	Time required to attain 90% of Cal Gas ppm: 1. 5 2. 5 3. 6 Average 5.3
Factory calibration record w/instrument within 3 months	(Pass) / Fail	Equal to or less than 30 seconds? (Y) N
		Instrument calibrated to CH4 gas.

Comments: _____

465

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: JH JH

Date: 9-7-24 Time: 0730

Model # TVA 1000

Serial # #7 0720723627

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following ignition	2.1 ppm	Calibration Gas (ppm): 500 / Actual (ppm): 500 / % Accuracy: 100%
Leak test	(Pass) / Fail / NA	RESPONSE TIME
Clean system check (check valve chatter)	(Pass) / Fail / NA	Calibration Gas, ppm: 500
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	90% of Calibration Gas, ppm: 450
Date of last factory calibration	7-7-24	Time required to attain 90% of Cal Gas ppm: 1. 6 / 2. 6 / 3. 5
Factory calibration record w/instrument within 3 months	(Pass) / Fail	Average: 5.6
		Equal to or less than 30 seconds? (Y) N
		Instrument calibrated to CH4 gas.

Comments: _____

465

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: JM CM

Date: 9-7-24 Time: 0745

Model # TVA 1000

Serial # #9 0532 113801

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following ignition	211 ppm	Calibration Gas (ppm): 500 — Actual (ppm): 500 — % Accuracy: 100%
Leak test	(Pass) / Fail / NA	RESPONSE TIME
Clean system check (check valve chatter)	(Pass) / Fail / NA	Calibration Gas, ppm: 500
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	90% of Calibration Gas, ppm: 450
Date of last factory calibration	7-7-24	Time required to attain 90% of Cal Gas ppm: 1. 6; 2. 5; 3. 5; Average 5.3
Factory calibration record w/instrument within 3 months	(Pass) / Fail	Equal to or less than 30 seconds? (Y) N
		Instrument calibrated to CH4 gas.

Comments: _____

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: JM JM

Date: 9-7-24 Time: 0900

Model # TVA 1000

Serial # #32 0928578423

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following ignition	2.1 ppm	Calibration Gas (ppm): 500 — Actual (ppm): 500 — % Accuracy: 100%
Leak test	(Pass) / Fail / NA	RESPONSE TIME
Clean system check (check valve chatter)	(Pass) / Fail / NA	Calibration Gas, ppm: 500
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	90% of Calibration Gas, ppm: 450
Date of last factory calibration	7-7-24	Time required to attain 90% of Cal Gas ppm: 1. 5 2. 5 3. 6
Factory calibration record w/instrument within 3 months	(Pass) / Fail	Average: 5.3
		Equal to or less than 30 seconds? (Y) N
		Instrument calibrated to CH4 gas.

Comments: _____

P O Box 748 • Colton, California 92324 •
(909) 422-1001 Toll Free (888) 325-1098 Fax (909) 422-0707 www.resenvironmental.com

RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: JM JM

Date: 9-7-24 Time: 0815

Model # TVA 1000

Serial # #36 0332603195

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following ignition	2.2 ppm	Calibration Gas (ppm): 500
Leak test	(Pass) / Fail / NA	Actual (ppm): 500
Clean system check (check valve chatter)	(Pass) / Fail / NA	% Accuracy: 100%
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	RESPONSE TIME
Date of last factory calibration	7-7-24	Calibration Gas, ppm: 500
Factory calibration record w/Instrument within 3 months	(Pass) / Fail	90% of Calibration Gas, ppm: 450
		Time required to attain 90% of Cal Gas ppm
		1. 6
		2. 6
		3. 5
		Average 5.6
		Equal to or less than 30 seconds? (Y) N
		Instrument calibrated to CH4 gas.

Comments: _____

465

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: _____

Date: 9-7-24 Time: 0830

Model # TVA 1000

Serial # #43 15865062

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following Ignition	2.3 ppm	Calibration Gas (ppm): 500 — Actual (ppm): 500 — % Accuracy: 100%
Leak test	(Pass) / Fail / NA	RESPONSE TIME
Clean system check (check valve chatter)	(Pass) / Fail / NA	Calibration Gas, ppm: 500
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	90% of Calibration Gas, ppm: 450
Date of last factory calibration	7-7-24	Time required to attain 90% of Cal Gas ppm
Factory calibration record w/instrument within 3 months	(Pass) / Fail	1. 5 2. 5 3. 5 Average 5.0
		Equal to or less than 30 seconds? (Y) N
		Instrument calibrated to CH4 gas.

Comments: _____

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: _____

Date: 9-7-24 Time: 0845

Model # TVA 1000

Serial # #46 7783 434

INSTRUMENT INTEGRITY CHECKLIST		INSTRUMENT CALIBRATION
Battery test	(Pass) / Fail	CALIBRATION CHECK
Reading following ignition	2.4 ppm	Calibration Gas (ppm): 500 — Actual (ppm): 500 — % Accuracy: 100%
Leak test	(Pass) / Fail / NA	RESPONSE TIME
Clean system check (check valve chatter)	(Pass) / Fail / NA	Calibration Gas, ppm: 500
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA	90% of Calibration Gas, ppm: 450
Date of last factory calibration	7-7-24	Time required to attain 90% of Cal Gas ppm: 1. 6 — 2. 5 — 3. 6 — Average 5.6
Factory calibration record w/instrument within 3 months	(Pass) / Fail	Equal to or less than 30 seconds? (Y) N
		Instrument calibrated to CH4 gas.

Comments: _____

465

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RES Environmental Inc.

SURFACE EMISSION MONITORING INSTRUMENT
CALIBRATION LOG

Site: _____

Purpose: _____

Operator: [signature]

Date: 9-7-24 Time: 0900

Model # TVA 1000

Serial # #10 1036346773

INSTRUMENT INTEGRITY CHECKLIST	
Battery test	(Pass) / Fail
Reading following ignition	2.6 ppm
Leak test	(Pass) / Fail / NA
Clean system check (check valve chatter)	(Pass) / Fail / NA
H_2 supply pressure gauge (acceptable range 9.5 - 12)	(Pass) / Fail / NA
Date of last factory calibration	7-7-24
Factory calibration record w/instrument within 3 months	(Pass) / Fail

INSTRUMENT CALIBRATION

CALIBRATION CHECK

Calibration Gas (ppm)	Actual (ppm)	% Accuracy
500	500	100%

RESPONSE TIME

Calibration Gas, ppm 500

90% of Calibration Gas, ppm 450

Time required to attain 90% of Cal Gas ppm

1. 6
2. 5
3. 5

Average 5.3

Equal to or less than 30 seconds? (Y) N

Instrument calibrated to CH4 gas.

Comments: _____

465

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Report of Checking

Delivered to : RES ENVIRONMENTAL - COLTON

Date of the report : 7/2/2024

Identifier of the detector

Detector name	: Inspectra Laser	Serial Number	**: 1011221**
Scale numbers	: 1	Next visit	: 7/2/2026

Method of Checking

Internal procedures
Calibration Bench n° : 41

Each scale of the checked apparatus was the subject of a measurement for zero value, and of a measurement for the value of the concentration of the gas standard injected .

Scale	Gaz	Concentration of the gas standard	Traceability of the gas (N° of production)	Specifications (awaited posted values)	Uncertainty on the concentration of the gas standard
PPM	CH4	0.0009999999% GAS	70086129308	10 PPM(± 10% relative)	± 2% relative
PPM	CH4	0.05% GAS	70086030712	500 PPM(± 10% relative)	± 2% relative
PPM	CH4	0.25% GAS	70086811308	2499 PPM(± 10% relative)	± 2% relative
PPM	CH4	1% GAS	109631206	10000 PPM(± 10% relative)	± 2% relative
PPM	CH4	2% GAS	70086800812	20000 PPM(± 10% relative)	± 2% relative
PPM	CH4	100% GAS	303114089201	1000000 PPM(± 10% relative)	± 2% relative

Result of the checking

The detector is considered to be in conformity with the specifications of reference

Technical Department

This document includes 1 page.

This document is carried out according to the recommendations of the booklet of documentation X 07-011 defining the report of checking. It can be used to show the connection of the means of measurement to the national or international standards, provided it answers the recommendations of the booklet of documentation X 07-015.

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Report of Checking

Delivered to : RES ENVIRONMENTAL - COLTON

Date of the report : 7/2/2024

Identifier of the detector

Detector name	: Inspectra Laser	Serial Number	**: 761121**
Scale numbers	: 1	Next visit	: 7/2/2026

Method of Checking

Internal procedures
Calibration Bench n° : 41

Each scale of the checked apparatus was the subject of a measurement for zero value, and of a measurement for the value of the concentration of the gas standard injected .

Scale	Gaz	Concentration of the gas standard	Traceability of the gas (N° of production)	Specifications (awaited posted values)	Uncertainty on the concentration of the gas standard
PPM	CH4	0.0009999999% GAS	70086129308	10 PPM(± 10% relative)	± 2% relative
PPM	CH4	0.05% GAS	70086030712	500 PPM(± 10% relative)	± 2% relative
PPM	CH4	0.25% GAS	70086811308	2499 PPM(± 10% relative)	± 2% relative
PPM	CH4	1% GAS	109631206	10000 PPM(± 10% relative)	± 2% relative
PPM	CH4	2% GAS	70086800812	20000 PPM(± 10% relative)	± 2% relative
PPM	CH4	100% GAS	303114089201	1000000 PPM(± 10% relative)	± 2% relative

Result of the checking

The detector is considered to be in conformity with the specifications of reference

Technical Department

This document includes 1 page.

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Report of Checking

Delivered to : RES ENVIRONMENTAL - COLTON

Date of the report : 7/2/2024

Identifier of the detector

Detector name	: Inspectra Laser	Serial Number	: **881221**
Scale numbers	: 1	Next visit	: 7/2/2026

Method of Checking

Internal procedures
Calibration Bench n° : 41

Each scale of the checked apparatus was the subject of a measurement for zero value, and of a measurement for the value of the concentration of the gas standard injected .

Scale	Gaz	Concentration of the gas standard	Traceability of the gas (N° of production)	Specifications (awaited posted values)	Uncertainty on the concentration of the gas standard
PPM	CH4	0.0009999999% GAS	70086129308	10 PPM(± 10% relative)	± 2% relative
PPM	CH4	0.05% GAS	70086030712	500 PPM(± 10% relative)	± 2% relative
PPM	CH4	0.25% GAS	70086811308	2499 PPM(± 10% relative)	± 2% relative
PPM	CH4	1% GAS	109631206	10000 PPM(± 10% relative)	± 2% relative
PPM	CH4	2% GAS	70086800812	20000 PPM(± 10% relative)	± 2% relative
PPM	CH4	100% GAS	303114089201	1000000 PPM(± 10% relative)	± 2% relative

Result of the checking

The detector is considered to be in conformity with the specifications of reference

Technical Department

This document includes 1 page.

This document is carried out according to the recommendations of the booklet of documentation X 07-011 defining the report of checking. It can be used to show the connection of the means of measurement to the national or international standards, provided it answers the recommendations of the booklet of documentation X 07-015.

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Report of Checking

Delivered to : RES ENVIRONMENTAL - COLTON

Date of the report : 7/2/2024

Identifier of the detector

Detector name	: Inspectra Laser	Serial Number	**: 1001221**
Scale numbers	: 1	Next visit	: 7/2/2026

Method of Checking

Internal procedures
Calibration Bench n° : 41

Each scale of the checked apparatus was the subject of a measurement for zero value, and of a measurement for the value of the concentration of the gas standard injected .

Scale	Gaz	Concentration of the gas standard	Traceability of the gas (N° of production)	Specifications (awaited posted values)	Uncertainty on the concentration of the gas standard
PPM	CH4	0.0009999999% GAS	70086129308	10 PPM(± 10% relative)	± 2% relative
PPM	CH4	0.05% GAS	70086030712	500 PPM(± 10% relative)	± 2% relative
PPM	CH4	0.25% GAS	70086811308	2499 PPM(± 10% relative)	± 2% relative
PPM	CH4	1% GAS	109631206	10000 PPM(± 10% relative)	± 2% relative
PPM	CH4	2% GAS	70086800812	20000 PPM(± 10% relative)	± 2% relative
PPM	CH4	100% GAS	303114089201	1000000 PPM(± 10% relative)	± 2% relative

Result of the checking

The detector is considered to be in conformity with the specifications of reference

Technical Department

This document includes 1 page.

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Report of Checking

Delivered to : RES ENVIRONMENTAL - COLTON

Date of the report : 7/2/2024

Identifier of the detector

Detector name	: Inspectra Laser	Serial Number	**: 811121**
Scale numbers	: 1	Next visit	: 7/2/2026

Method of Checking

Internal procedures
Calibration Bench n° : 41

Each scale of the checked apparatus was the subject of a measurement for zero value, and of a measurement for the value of the concentration of the gas standard injected .

Scale	Gaz	Concentration of the gas standard	Traceability of the gas (N° of production)	Specifications (awaited posted values)	Uncertainty on the concentration of the gas standard
PPM	CH4	0.0009999999% GAS	70086129308	10 PPM(± 10% relative)	± 2% relative
PPM	CH4	0.05% GAS	70086030712	500 PPM(± 10% relative)	± 2% relative
PPM	CH4	0.25% GAS	70086811308	2499 PPM(± 10% relative)	± 2% relative
PPM	CH4	1% GAS	109631206	10000 PPM(± 10% relative)	± 2% relative
PPM	CH4	2% GAS	70086800812	20000 PPM(± 10% relative)	± 2% relative
PPM	CH4	100% GAS	303114089201	1000000 PPM(± 10% relative)	± 2% relative

Result of the checking

The detector is considered to be in conformity with the specifications of reference

Technical Department

This document includes 1 page.

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Calibration Gases & Equipment

CERTIFICATE OF ANALYSIS

Premier Safety & Service

33596 Sterling Pond Blvd
Sterling Hights MI 48312

Cust Number 07152
Order Number 75836320
PO Number 04C23328

Lot Number	4-236-82
Norlab Part#	J1002
Cylinder Size	103 Liter
Number of Cyl	2
Customer Part#	N/A

Date on Manufacture	8/29/2024
Expires	08/2028
Analytical Accuracy	Certified

Component	Reported Concentration	Requested Concentration
Air	Zero Grade	Zero Grade
Oxygen	20.9 %	20.9 %
T.H.C. (as Methane)	< 0.1 ppm	< 0.1 ppm
Nitrogen	Balance	Balance

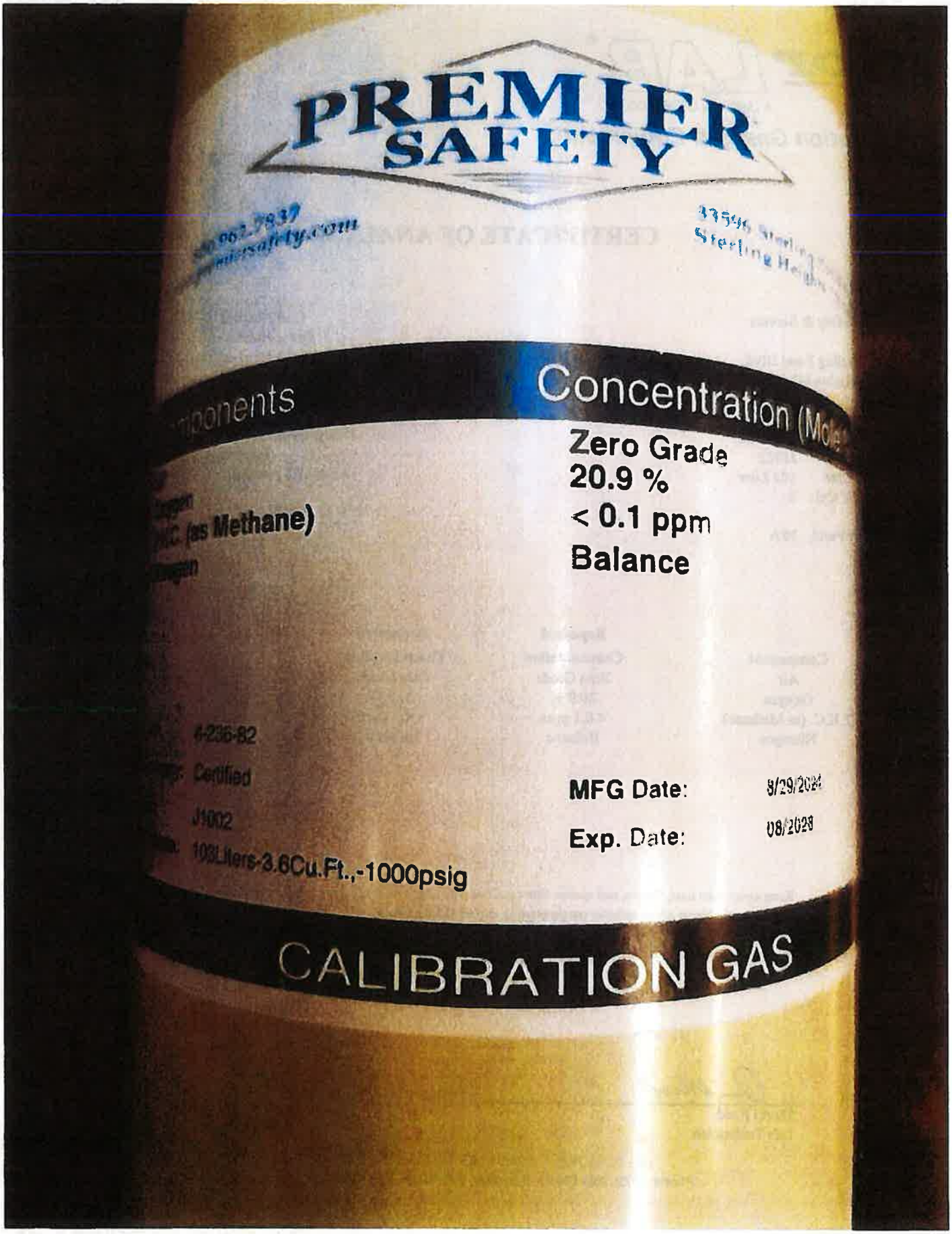
Storage: Keep away from heat, flames, and sparks. Store and use with adequate ventilation. Close valve when not in use and when empty. Never allow cylinder temperature to exceed 125 degrees F.

Minor constituents tested with standards traceable to NIST by mass or comparison to SRM's (Standard Reference Materials).

NIST Traceable Numbers are available upon request.

Approved: _____ Date Signed: 8/29/2024
David Reed
Lab Technician

898 W. GOWEN ROAD • BOISE, IDAHO 83705
Phone (208) 336-1643 • Fax (208) 331-3038 • 800-657-6672


PREMIER
SAFETY
Concentration
Zero Grade
20.9 %
< 0.1 ppm
Balance
(as Methane)
Certified
MFG Date:
Exp. Date:
CALIBRATION GAS

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Calibration Gases & Equipment

CERTIFICATE OF ANALYSIS

Premier Safety & Service

33596 Sterling Pond Blvd
Sterling Hights MI 48312

Cust Number 07152
Order Number 69679439
PO Number 04906817

Lot Number 2-154-85
Norlab Part# J1002
Cylinder Size 103 Liter
Number of Cyl 1

Customer Part# N/A

Date on Manufacture 6/13/2022
Expires 06/2025
Analytical Accuracy Certified

Component	Reported Concentration	Requested Concentration
Air	Zero Grade	Zero Grade
Oxygen	20.9 %	20.9 %
T.H.C. (as Methane)	< 1.0 ppm	< 1.0 ppm
Nitrogen	Balance	Balance

Storage: Keep away from heat, flames, and sparks. Store and use with adequate ventilation. Close valve when not in use and when empty. Never allow cylinder temperature to exceed 125 degrees F.

Minor constituents tested with standards traceable to NIST by mass or comparison to SRM's (Standard Reference Materials).

NIST Traceable Numbers are available upon request.

Approved: _____ Date Signed: 6/13/2022
David Reed
Lab Technician

898 W. GOWEN ROAD • BOISE, IDAHO 83705
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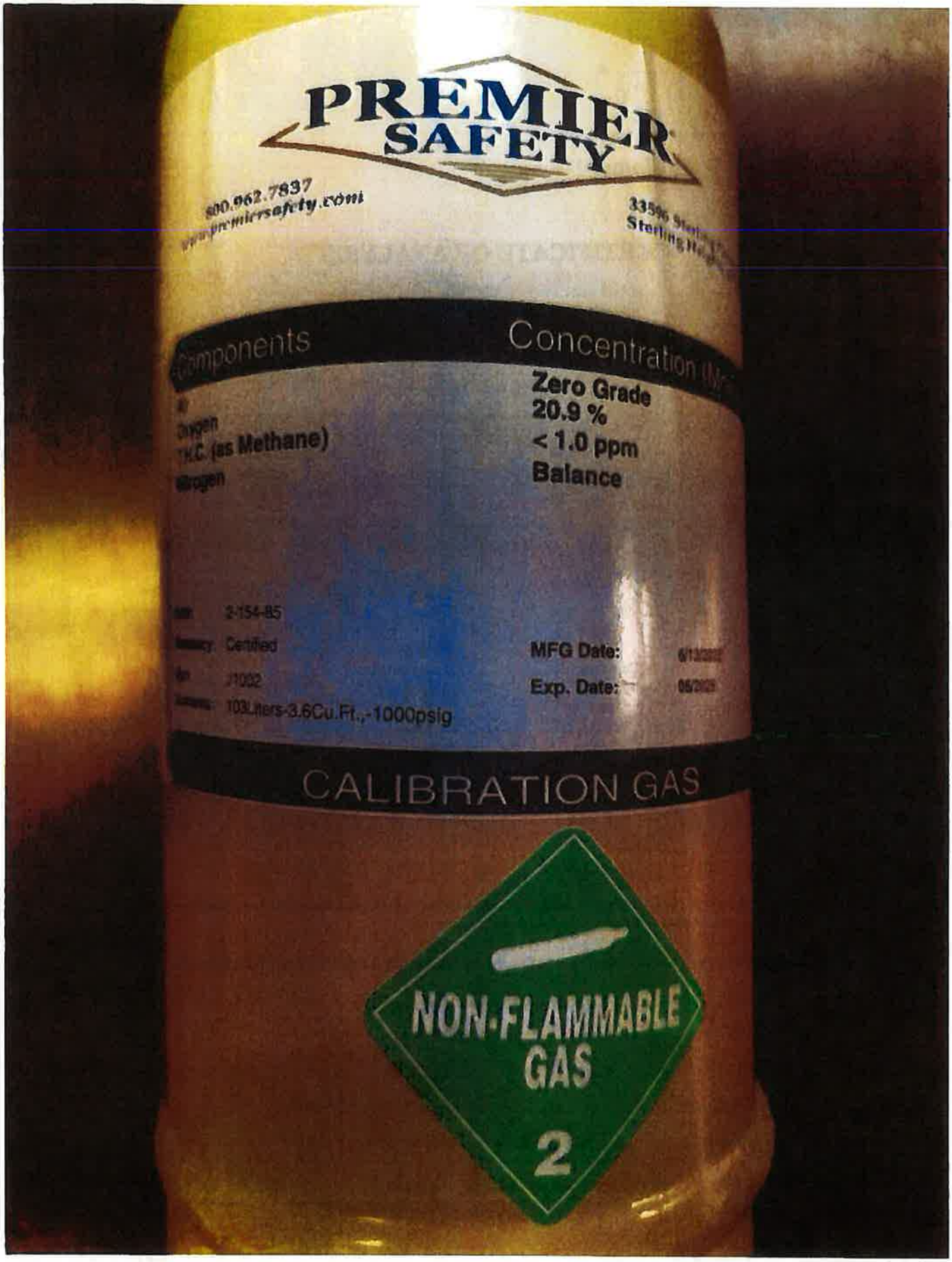
PREMIER
SAFETY
800.962.7837
www.premiersafety.com
Components
Concentration
Zero Grade
20.9 %
< 1.0 ppm
Balance
MFG Date:
Exp. Date:
CALIBRATION GAS
NON-FLAMMABLE
GAS
2

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Calibration Gases & Equipment

CERTIFICATE OF ANALYSIS

Premier Safety & Service

33596 Sterling Pond Blvd
Sterling Hights MI 48312

Cust Number 07152
Order Number 75275610
PO Number 04B84126

Lot Number	4-176-81
Norlab Part#	J197125PA
Cylinder Size	103 Liter
Number of Cyl	3
Customer Part#	N/A

Date on Manufacture	6/25/2024
Expires	06/2028
Analytical Accuracy	+/- 5 %

Component	Reported Concentration	Requested Concentration
Methane	25 ppm	25 ppm
Air	Balance	Balance

Storage: Keep away from heat, flames, and sparks. Store and use with adequate ventilation. Close valve when not in use and when empty. Never allow cylinder temperature to exceed 125 degrees F.

The cylinders in this lot were transfilled from cylinders prepared gravimetrically and traceable to the NIST by the certified weights used to calibrate the scale. The transfilled cylinders were then analyzed against standards traceable to the NIST by weights or SRMs. NIST Traceable Numbers are available upon request.

Approved: _____ Date Signed: 6/25/2024
David Reed
Lab Technician

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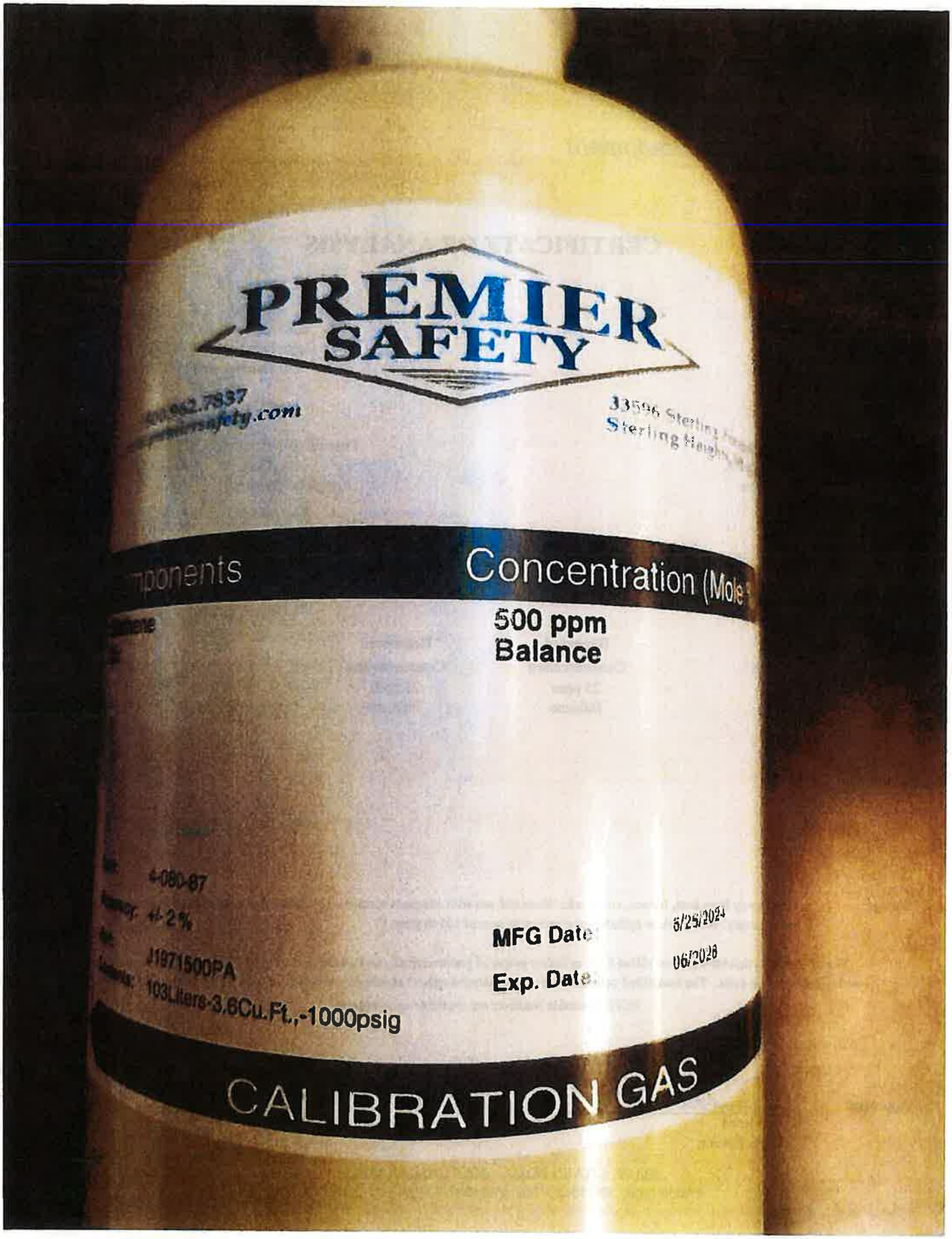

PREMIER
SAFETY
mponents
Concentration (Mole
500 ppm
Balance
4-080-87
+/- 2%
J1971500PA
103Liters-3.6Cu.Ft.,-1000psig
MFG Date
5/25/2024
Exp. Date
06/2028
CALIBRATION GAS

INTERMOUNTAIN SPECIALTY GASES

520 N. Kings Road • Nampa • Idaho • 83687
800-552-5003 • www.isgases.com

CERTIFICATE OF ANALYSIS

Composition	Certification	Analytical Accuracy
Methane	25 ppm	± 5%
Air	Balance	

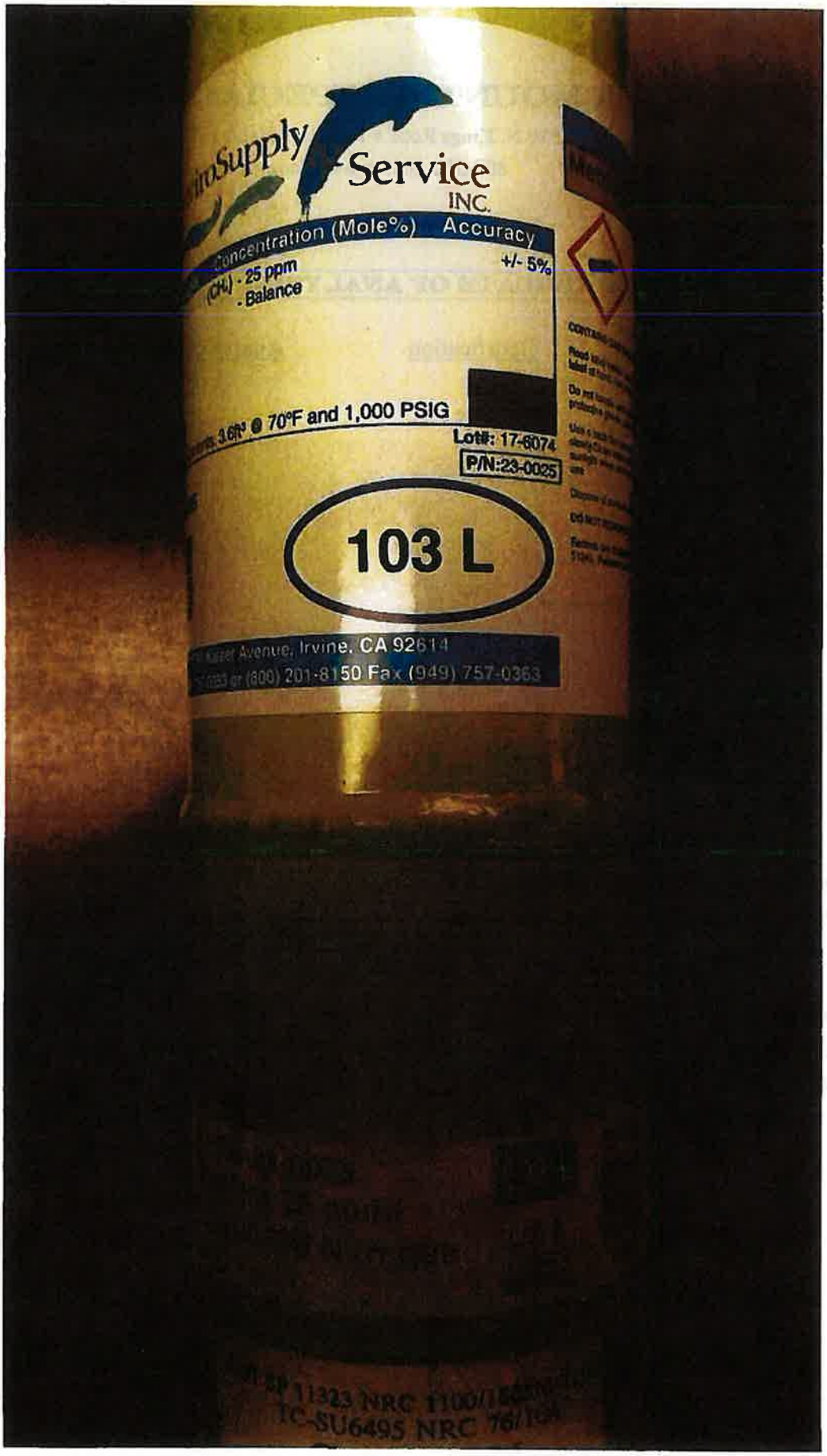
Lot # 17-6074

Mfg. Date: 10/16/2017
Parent Cylinder ID Number: 17161

Method of Preparation:
Gravimetric/Pressure Transfilled

Method of Analysis:
The parent mix was prepared gravimetrically and is traceable to the NIST by certified weights (ID #CA10814) used to calibrate the scale.

Analysis By: Tony Janquart
Quality Assurance Manager
800-552-5003
Certificate Date: 10/16/2017


Service
INC.
Concentration (Mole%)
Accuracy
(CH4) - 25 ppm
- Balance
+/- 5%
70°F and 1,000 PSIG
Lot#: 17-6074
P/N:23-0025
103 L
Irvine, CA 92614
(800) 201-8150 Fax (949) 757-0363

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CERTIFICATE OF ANALYSIS

Premier Safety & Service

33596 Sterling Pond Blvd
Sterling Hights MI 48312

Cust Number 07152
Order Number 73732858
PO Number 04B70733

Lot Number	3-340-62
Norlab Part#	J197125PA
Cylinder Size	103 Liter
Number of Cyl	5

Date on Manufacture	12/7/2023
Expires	12/2027
Analytical Accuracy	+/- 5 %

Customer Part# N/A

Component	Reported Concentration	Requested Concentration
Methane	25 ppm	25 ppm
Air	Balance	Balance

Storage: Keep away from heat, flames, and sparks. Store and use with adequate ventilation. Close valve when not in use and when empty. Never allow cylinder temperature to exceed 125 degrees F.

The cylinders in this lot were transfilled from cylinders prepared gravimetrically and traceable to the NIST by the certified weights used to calibrate the scale. The transfilled cylinders were then analyzed against standards traceable to the NIST by weights or SRMs. NIST Traceable Numbers are available upon request.

Approved: _____ Date Signed: 12/7/2023
Aaron Schwenken
Lab Manager

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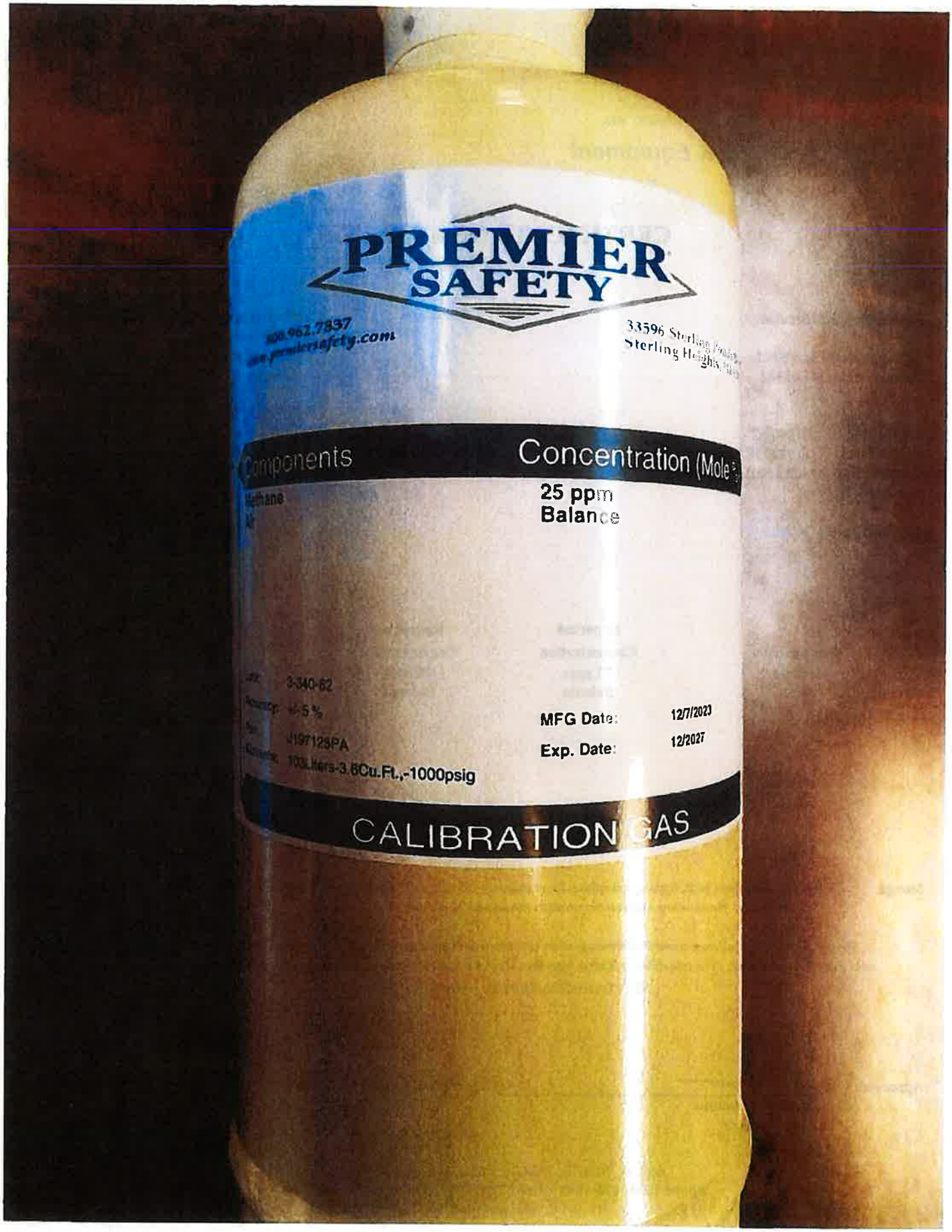
PREMIER
SAFETY
800.962.7837
www.premiersafety.com
33596 Sterling
Sterling Heights,
Components
Concentration (Mole %)
Methane
Air
25 ppm
Balance
3-340-62
+/-5 %
J197125PA
103Liters-3.6Cu.Ft.,-1000psig
MFG Date:
12/7/2023
Exp. Date:
12/2027
CALIBRATION GAS

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Calibration Gases & Equipment

CERTIFICATE OF ANALYSIS

Premier Safety & Service

33596 Sterling Pond Blvd
Sterling Hights MI 48312

Cust Number 07152
Order Number 75275610
PO Number 04B84126

Lot Number	4-080-87	Date on Manufacture	6/25/2024
Norlab Part#	J1971500PA	Expires	06/2028
Cylinder Size	103 Liter	Analytical Accuracy	+/- 2 %
Number of Cyl	5		

Customer Part# N/A

Component	Reported Concentration	Requested Concentration
Methane	500 ppm	500 ppm
Air	Balance	Balance

Storage: Keep away from heat, flames, and sparks. Store and use with adequate ventilation. Close valve when not in use and when empty. Never allow cylinder temperature to exceed 125 degrees F.

The cylinders in this lot were transfilled from cylinders prepared gravimetrically and traceable to the NIST by the certified weights used to calibrate the scale. The transfilled cylinders were then analyzed against standards traceable to the NIST by weights or SRMs.

NIST Traceable Numbers are available upon request.

Approved: _____ Date Signed: 6/25/2024
David Reed
Lab Technician

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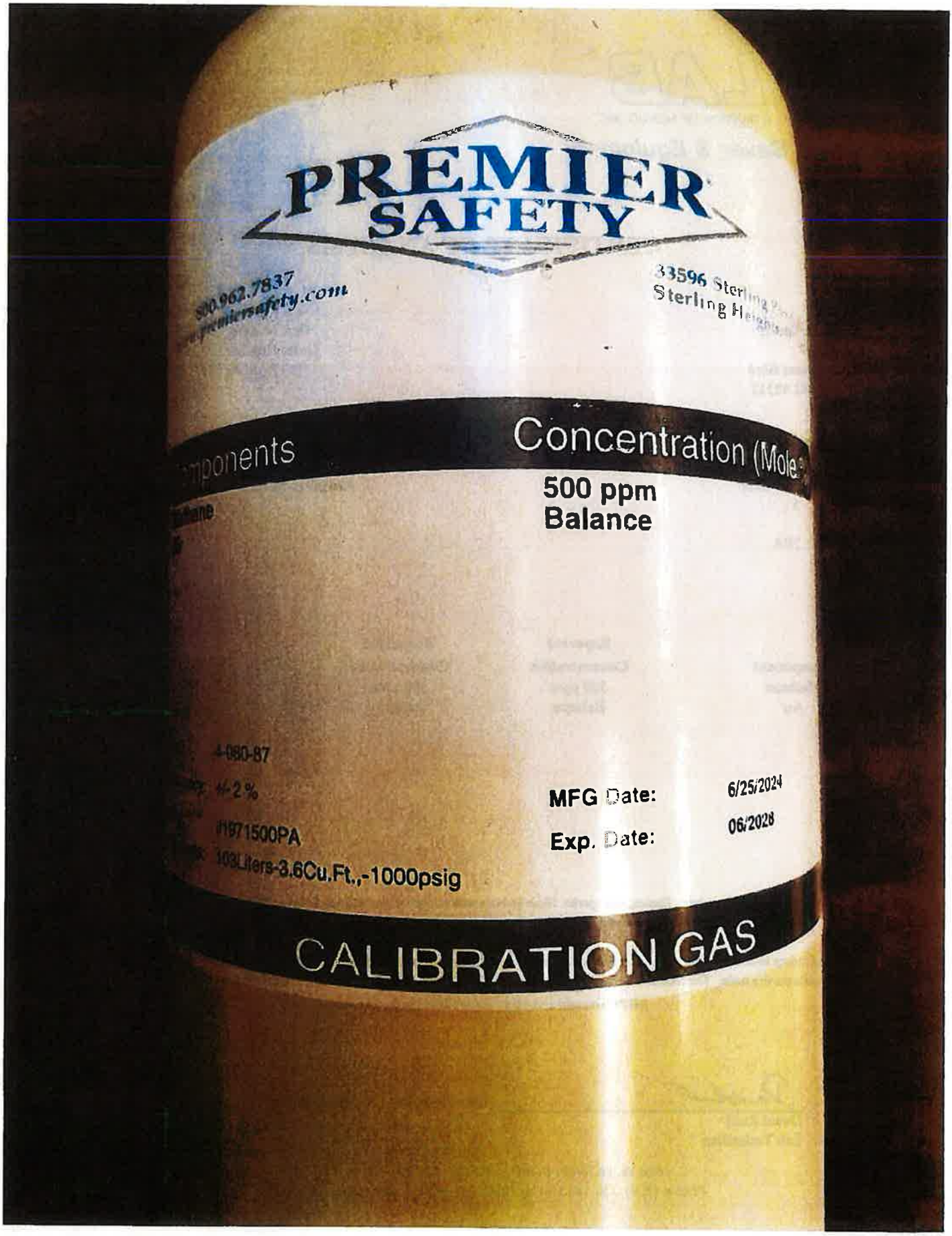
PREMIER
SAFETY
800.962.7837
premiersafety.com
33596 Sterling
Sterling H
mponents
Concentration (Mole
500 ppm
Balance
-080-87
+/-2%
/1671500PA
103Liters-3.6Cu.Ft.,-1000psig
MFG Date:
6/25/2024
Exp. Date:
06/2028
CALIBRATION GAS