TV Tracking #1075 (Semi-Annual)

1. ☐ RECEIVED IN ENFORCEMENT: 01/30/2025

AMERESCO
Green • Clean • Sustainable

111 Speen St, Ste 410
Framingham, MA 01701
P: (508) 661-2200
ameresco.com

January 27, 2025

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street
Suite 600
San Francisco, CA 94105
Attn: Title V Reports

Re: Semiannual Monitoring Report
Ameresco Vasco Road LLC (Facility ID: E0432)

Dear Director:

Ameresco Vasco Road LLC is submitting the enclosed Semiannual Monitoring Report (SAR) for our facility located at 4001 N Vasco Road, Livermore, CA. This SAR covers the reporting period from July 1, 2024, through December 31, 2024.

Should you have comments or need more information on this report, please contact me at (508) 598-3140 or lclarke@ameresco.com.

Respectfully,

Ameresco Vasco Road LLC

Lily Clarke, Authorized Representative

Permit Services Division
Bay Area Air Quality Management District
375 Beale Street, Suite 600, San Francisco, CA 94105 • 415-749-4990

Major Facility Review
Certification Statement

FACILITY NAME Ameresco Vasco Road LLC **FACILITY #** E0432

STATEMENT OF COMPLIANCE:

I certify the following:

Read each statement carefully and initial each box for confirmation.

☑ ***Based on information and belief formed after reasonable inquiry, the source(s) identified in the Applicable Requirements and Compliance Summary form that is(are) in compliance will continue to comply with the applicable requirement(s);***

☑ ***Based on information and belief formed after reasonable inquiry, the source(s) identified in the Applicable Requirements and Compliance Summary form will comply with future-effective applicable requirement(s), on a timely basis;***

☑ ***Based on information and belief formed after reasonable inquiry, information on application forms, all accompanying reports, and other required certifications is true, accurate, and complete;***

☑ ***All fees required by Regulation 3, including Schedule P have been paid.***

STATEMENT OF NON-COMPLIANCE

Read statement carefully. Initial box for confirmation if statement is true.

I certify the following:

☐ ***Based on information and belief formed after reasonable inquiry, the source(s) identified in the Schedule of Compliance application form that is(are) not in compliance with the applicable requirement(s) will comply in accordance with the attached compliance plan schedule.***

Signature of Responsible Official

01/30/2025
Date

Robert Meharg
Name of Responsible Official

Ameresco Vasco Road LLC (Plant ID: E0432)
4001 N Vasco Road
Livermore, CA 94551

Semiannual Monitoring Report

7/1/2024 through 12/31/2024

Standard Conditions

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
Standard Condition A	Administrative Requirements	Y	Y	C	-
Standard Condition B	Conditions to Implement Regulation 2, Rule 6, Major Facility Review	Y	Y	C	-
Standard Condition C	Requirement to Pay Fees	Y	Y	C	Recordkeeping
Standard Condition D	Inspection and Entry	Y	Y	C	-
Standard Condition E	Records	Y	Y	C	Recordkeeping
Standard Condition F	Monitoring Reports	Y	Y	C	Reports
Standard Condition G	Compliance Certification	Y	Y	C	Reports
Standard Condition H	Emergency Provisions	Y	Y	C	-
Standard Condition I	Severability	Y	Y	C	-
Standard Condition J	Miscellaneous Conditions	Y	Y	C	-

Ameresco Vasco Road LLC (Plant ID: E0432)
4001 N Vasco Road
Livermore, CA 94551

Source-Specific Applicable Requirements
S-1 LFG-FIRED LEAN-BURN INTERNAL COMBUSTION ENGINE AND GENSET
S-2 LFG-FIRED LEAN-BURN INTERNAL COMBUSTION ENGINE AND GENSET

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
BAAQMD Regulation 1	**General Provisions and Definitions (5/4/11)**	-	-	-	-
1-523	Parametric Monitoring and Recordkeeping Procedures	N	Y	C	-
1-523.1	Reporting requirement for periods of inoperation > 24 hours	Y	Y	C	Reporting
1-523.2	Limit on duration of inoperation	Y	Y	C	Monitoring
1-523.3	Reporting requirement for violations of any applicable limits	N	Y	C	Reporting
1-523.4	Records of inoperation, tests, calibrations, adjustments, & maintenance	Y	Y	C	Recordkeeping
1-523.5	Maintenance and calibration	N	Y	C	Monitoring
SIP Regulation 1	**General Provisions and Definitions (6/28/99)**	-	-	-	-
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	Y	C	-
1-523.3	Reports of Violations	Y	Y	C	Reporting
BAAQMD Regulation 6,Rule 1	**Particulate Matter – General Requirements (12/5/07)**	-	-	-	-

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
6-1-301	Ringelmann No. 1 Limitation	N	Y	C	Monitoring
6-1-305	Visible Particles	N	Y	C	Monitoring
6-1-310	Particle Weight Limitation	N	Y	C	Monitoring
6-1-401	Appearance of Emissions	N	Y	C	Monitoring
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**	-	-	-	-
6-301	Ringelmann No. 1 Limitation	Y	Y	C	Monitoring
6-305	Visible Particles	Y	Y	C	Monitoring
6-310	Particle Weight Limitation	Y	Y	C	Monitoring
6-401	Appearance of Emissions	Y	Y	C	Monitoring
BAAQMD Regulation 8, Rule 34	**Organic Compounds – Solid Waste Disposal Sites (6/15/05)**	-	-	-	-
8-34-301	Landfill Gas Collection and Emission Control System Requirements	Y	Y	C	-
8-34-301.2	Collection and Control Systems Leak Limitations	Y	Y	C	Monitoring
8-34-301.4	Limits for Other Emission Control Systems	Y	Y	C	Testing

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
8-34-412	Compliance Demonstration Tests	Y	Y	C	Testing
8-34-413	Performance Test Report	Y	Y	C	Reporting
8-34-501	Operating Records	Y	Y	C	-
8-34-501.2	Emission Control System Downtime	Y	Y	C	Recordkeeping
8-34-501.4	Testing	Y	Y	C	Recordkeeping
8-34-501.6	Leak Discovery and Repair Records	Y	Y	C	Recordkeeping
8-34-501.10	Gas Flow Rate Records for All Emission Control Systems	Y	Y	I	Recordkeeping
8-34-501.11	Records of Key Emission Control System Operating Parameters	Y	Y	C	Recordkeeping
8-34-501.12	Records Retention for 5 Years	Y	Y	C	Recordkeeping
8-34-503	Landfill Gas Collection and Emission Control System Leak Testing	Y	Y	C	Recordkeeping
8-34-504	Portable Hydrocarbon Detector	Y	Y	C	Recordkeeping
8-34-508	Gas Flow Meter	Y	Y	I	Recordkeeping
8-34-509	Key emission control system operating parameters	Y	Y	C	Recordkeeping

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)**	-	-	-	-
9-1-301	Limitations on Ground Level Concentrations	Y	Y	C	Monitoring
9-1-302	General Emission Limitations	Y	Y	C	Monitoring
BAAQMD Regulation 9, Rule 2	**Inorganic Gaseous Pollutants – Hydrogen Sulfide (10/6/99)**	-	-	-	-
9-2-301	Limitations on Hydrogen Sulfide	N	Y	C	Monitoring
BAAQMD Regulation 9 Rule 8	**Inorganic Gaseous Pollutants – Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (7/25/07)**	-	-	-	-
9-8-302	Emission Limits – Waste Derived Fuel Gas	N	Y	C	-
9-8-302.1	Lean-Burn Engines: NOx Emission Limit	N	Y	C	Testing
9-8-302.3	CO Emission Limit	N	Y	C	Testing
9-8-501	Initial Demonstration of Compliance	N	Y	C	Testing
9-8-502	Recordkeeping	N	Y	C	Recordkeeping
9-8-502.3	Records of Compliance Demonstration Tests	N	Y	C	Recordkeeping
9-8-503	Quarterly Demonstration of Compliance	N	Y	C	Monitoring

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
SIP Regulation 9 Rule 8	**Inorganic Gaseous Pollutants – Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (12/15/97)**	-	-	-	-
9-8-302	Emission Limits – Waste Derived Fuel Gas	Y	Y	C	-
9-8-302.1	Lean-Burn Engines: NOx Emission Limit	Y	Y	C	Testing
9-8-302.3	CO Emission Limit	Y	Y	C	Testing
40 CFR Part 60, Subpart A	**Standards of Performance for New Stationary Sources – General Provisions (9/13/10)**	-	-	-	-
60.4	Address	Y	Y	C	-
60.4(b)	Requires Submission of Requests, Reports, Applications, and Other Correspondence to the Administrator	Y	Y	C	Reporting
60.7	Notification and Record Keeping	Y	Y	C	Recordkeeping, Reporting
60.8	Performance Tests	Y	Y	C	Testing
60.11	Compliance with Standards and Maintenance Requirements	Y	Y	C	-
60.11(a)	Compliance determined by performance tests	Y	Y	C	Testing
60.11(d)	Good air pollution control practice	Y	Y	C	Monitoring

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
60.12	Circumvention	Y	Y	C	Monitoring
60.13	Monitoring Requirements	Y	Y	C	-
60.13(a)	Applies to all continuous monitoring systems	Y	Y	C	Monitoring
60.13(b)	Monitors shall be installed and operation before performing performance tests	Y	Y	C	Monitoring
60.13(e)	Continuous monitors shall operate continuously	Y	Y	C	Monitoring
60.13(f)	Monitors shall be installed in proper locations	Y	Y	C	Monitoring
60.13(g)	Requires multiple monitors for multiple stacks	Y	Y	C	Monitoring
60.14	Modification	Y	Y	C	-
60.15	Reconstruction	Y	Y	C	Reporting
60.19	General Notification and Reporting Requirements	Y	Y	C	Reporting
40 CFR Part 60, Subpart JJJJ	**Standards of Performance for New Stationary Sources – Standards of Performance for Stationary Spark ignition Internal Combustion Engines (1/18/08)**	-	-	-	-
60.4230	Am I subject to this subpart?	Y	Y	C	-

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
60.4230(a)	Provisions apply to manufacturers, owners, and operators of stationary spark ignition (SI) internal combustion engines (ICE).	Y	Y	C	-
60.4230(a)(4)	Owners and operators of stationary SI ICE that commence constriction after June 12, 2006, where the stationary SI ICE are manufactured:	Y	Y	C	-
60.4230(a)(4) (i)	On or after July 1, 2007, for engines with a maximum engine power greater than or equal to 500 HP.	Y	Y	C	-
60.4233	What emission standards must I meet if I am an owner or operator of a stationary SI internal combustion engine?	Y	Y	C	Testing
60.4233(e)	Owners and operators of stationary SI ICE with a maximum engine power greater than or equal to 75 KW (100 HP) must comply with the emission standards in Table I.	Y	Y	C	Testing
60.4234	Owners and operators of stationary SI ICE must operate and maintain stationary SI ICE that achieve the emission standards as required in 60.4233 over the entire life of the engine.	Y	Y	C	Testing
60.4236	What is the deadline for importing or installing stationary SI ICE produced in the previous model year?	Y	Y	C	-
60.4236(b)	After July 1, 2009, owners and operators may not install stationary SI ICE with a maximum engine power greater than or equal to 500 HP that do not meet the applicable requirements of 60.4233.	Y	Y	C	Recordkeeping
60.4243	What are my compliance requirements if I am an owner or operator of a stationary SI internal combustion engine?	Y	Y	C	-

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
60.4243(b)	If you are an owner or operator of a stationary SI ICE and must comply with the emission standards specified in 60.4233(d or e), you must demonstrate compliance according to one of the methods specified in paragraphs (b)(1) or (2) of this section.	Y	Y	C	-
60.4243(b)(2)	Purchasing a non-certified engine and demonstrating compliance with the emission standards specified in 60.4233(d or e) according to the requirements specified in 60.4244, as applicable, and according to paragraphs (b)(2)(i and ii) of this section.	Y	Y	C	Testing
60.4243(b)(2) (ii)	For stationary SI ICE > 500 HP, keep a maintenance plan and records of conducted maintenance, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions, conduct an initial performance test, and conduct subsequent performance testing every 8760 hours or every 3 years, whichever comes first.	Y	Y	C	Monitoring, Testing
60.4244	Owners and operators of stationary SI ICE who conduct performance test must follow the procedures in paragraphs (a) through (f) of this section.	Y	Y	C	Testing
60.4245	Owners or operators of stationary SI ICE must meet the following notification, reporting and record keeping requirements.	Y	Y	C	-
60.4245(a)	Owners and operators of all stationary SI ICE must keep records of the information in paragraphs (a)(1-4) of this section.	Y	Y	C	-
60.4245(a)(1)	All notifications submitted to comply with this subpart and supporting documentation.	Y	Y	C	Recordkeeping

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
60.4245(a)(2)	Maintenance conduction on the engine.	Y	Y	C	Recordkeeping
60.4245(a)(3)	If the stationary SI ICE is a certified engine, documentation from the manufacturer that the engine is certified to meet the applicable emission standards and other information as required by 40 CFR Parts 90, 1048, 1054, and 1060.	Y	Y	C	Recordkeeping
60.4245(a)(4)	If the stationary SI ICE is not a certified engine or is operating in a non-certified manner, documentation that the engine meets the emission standards.	Y	Y	C	Recordkeeping
60.4245(c)	Owners and operators of stationary SI ICE greater than 500 HP that have not been certified by an engine manufacturer to meet the emission standards of 60.4231 must submit an initial notification as required by 60.7(a)(1). This notification must include all information required by (c)(1-5) of this section.	Y	Y	C	Reporting
60.4245(d)	Owners and operators of stationary SI ICE that are subject to performance testing must submit a copy of each test as conducted within 60 days after the test has been completed.	Y	Y	C	Testing, Reporting
Table 1	Meet the Applicable Standards for the Following Engines: Landfill/Digester Gas, HP≥500, Manufacture Date: 7/1/2010 NOx = 2.0 g/HP-hr, CO = 5.0 g/HP-hr and VOC = 1 g/HP-hr	Y	Y	C	Testing
40 CFR Part 63 Subpart ZZZZ	**National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (3/9/11)**	-	-	-	-

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
63.6585	Am I subject to this subpart?	Y	Y	C	-
63.6585(a)	A stationary reciprocating internal combustion engine (RICE) is not a non-road engine and is not used to propel a motor vehicle.	Y	Y	C	-
63.6585(b)	A major source of HAPs is a plant that emits or has the potential to emit 10 tons/year or more of any single HAP or 25 tons/year of more of all HAPs combined.	Y	Y	C	-
63.6585(c)	An area source of HAP emissions is a source that is not a major source.	Y	Y	C	-
63.6590	What parts of my plant does this subpart cover?	Y	Y	C	-
63.6590(a)	Affected Source	Y	Y	C	-
63.6590(a)(2)	New Stationary RICE	Y	Y	C	-
63.6590(a)(2)(iii)	A stationary RICE located at an area source of HAP emissions ia new if you commenced construction of the stationary RICE on or after June 12, 2006.	Y	Y	C	-
63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60: An affected source that meets any of the criteria in c(1-7) must meet the requirements of this part by meeting the requirements of 40 CFR Part 60 Subpart IIII or Subpart JJJJ, as applicable.	Y	Y	C	-
63.6590(c)(1)	A new or reconstructed RICE located at an area source	Y	Y	C	-

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
BAAQMD Condition # 25009		-	Y	C	-
Part 1	Fuel Restrictions (Cumulative Increase)	Y	Y	C	-
Part 2	Heat Input Limits and Monitoring Requirements (Regulation 8-34- 501.10 and 8-34-508, Offsets and Cumulative Increase)	Y	Y	I	Monitoring, Recordkeeping
Part 3	CO Emission Limits (BACT, Cumulative Increase, and 40 CFR 60.4233(e))	Y	Y	C	Monitoring
Part 4	NOx Emission Limits (BACT, Offsets, and 40 CFR 60.4233(e))	Y	Y	C	Monitoring
Part 5	NMOC Emission Limits (Regulations 2-5-302 and 8-34-301.4, BACT, Offsets, and 40 CFR 60.4233(e))	Y	Y	C	Monitoring
Part 6	Key Emission Control System Operating Parameter Limits and Monitoring Requirements (Regulation 8-34-501.11 and 8-34-509)	Y	Y	C	Monitoring, Testing, Recordkeeping
Part 7	SO2 Emission Limits, Landfill Gas TRS Content Limits and Monitoring Procedures (Cumulative Increase and Regulation 2-6-503)	Y	Y	C	Monitoring, Testing, Recordkeeping
Part 8	Formaldehyde Emissions Limit (Regulation 2-5-302)	N	Y	C	Monitoring

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
Part 9	Annual Source Testing Requirements (BACT, Offsets, and Cumulative Increase, and Regulations 2-5-302, 8-34-301.4, 8-34-412, 9-1-302, 9-8-302.1, 9-8-302.3, 40 CFR 60.4233(e), and 40 CFR 60.4243(b)(2)(ii))	Y	Y	C	Testing
Part 9a	Operating rate for each engine (BACT, Offsets, and Cumulative Increase, 8-34-301.4, 8-34-412, 9-1-302, 9-8-302.1, 9-8-302.3, 40 CFR 60.4233(e), and 40 CFR 60.4243(b)(2)(ii))	Y	Y	C	Testing
Part 9b	Fuel flow rate (BACT, Offsets, and Cumulative Increase, 8-34-301.4, 8- 34-412, 9-1-302, 9-8-302.1, 9-8-302.3, 40 CFR 60.4233(e), and 40 CFR 60.4243(b)(2)(ii))	Y	Y	C	Testing
Part 9c	Concentrations of CO2, N2, O2, CH4, NMOC, AND TRS (BACT, Offsets, and Cumulative Increase, 8-34-301.4, 8-34-412, 9-1-302, and 40 CFR 60.4233(e))	Y	Y	C	Testing
Part 9d	High heating value of landfill gas (BACT, Offsets, and Cumulative Increase, 8-34-301.4, 8-34-412, 9-1-302, and 40 CFR 60.4233(e))	Y	Y	C	Testing
Part 9e	Heat input rate during test (BACT, Offsets, and Cumulative Increase, 8-34-301.4, 8-34-412, and 40 CFR 60.4233(e))	Y	Y	C	Testing
Part 9f	Exhaust flow rate (BACT, Offsets, and Cumulative Increase, 8-34-301.4, 8-34-412, 40 CFR 60.4233(e))	Y	Y	C	Testing
Part 9g	Concentrations of NOx, CO, CH4, NMOC, SO2, and O2 in exhaust gas (BACT, Offsets, and Cumulative Increase, 8-34-301.4, 8-34-412, 9-1-302, 9-8-302.1, 9-8-302.3)	Y	Y	C	Testing

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
Part 9h	NOx and CO corrected to 15% O2 (BACT, Offsets, and Cumulative Increase, 9-8-302.1, and 9-8-302.3)	Y	Y	C	Testing
Part 9i	NOx and CO rates in g/bhp-hr (BACT, Offsets, and Cumulative Increase, and 40 CFR 60.4233(e))	Y	Y	C	Testing
Part 9j	NMOC concentrations at 3% O2 (8-34-301.4 and 8-34-412)	Y	Y	C	Testing
Part 9k	NMOC destruction efficiency (BACT, Offsets, and Cumulative Increase, 8-34-301.4, 8-34-412)	Y	Y	C	Testing
Part 9l	SO2 emission rates (BACT, Offsets, and Cumulative Increase, and 9-1- 302) Formaldehyde emission rates (Regulation 2-5-302)	Y	Y	C	Testing
Part 10	Records (Offsets, Cumulative Increase, Regulations 9-8-502.3 and 9-8- 502.4, and 40 CFR 60.4243(b)(2)(ii))	Y	Y	C	Recordkeeping

Source-Specific Applicable Requirements
S-3 SILOXANE ADSORPTION GAS TREATMENT SYSTEM A-1 WASTE GAS FLARE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
BAAQMD Regulation 1	**General Provisions and Definitions (5/4/11)**	-	-	-	-
1-523	Parametric Monitoring and Recordkeeping Procedures	N	Y	C	-
1-523.1	Reporting requirement for periods of inoperation > 24 hours	Y	Y	C	Reporting
1-523.2	Limit on duration of inoperation	Y	Y	C	Monitoring
1-523.3	Reporting requirement for violations of any applicable limits	N	Y	C	Reporting
1-523.4	Records of inoperation, tests, calibrations, adjustments, & maintenance	Y	Y	C	Recordkeeping
1-523.5	Maintenance and calibration	N	Y	C	Monitoring
SIP Regulation 1	**General Provisions and Definitions (6/28/99)**	-	-	-	-
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	Y	C	-
1-523.3	Reports of Violations	Y	Y	C	Reporting
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**	-	-	-	-
6-1-301	Ringelmann No. 1 Limitation (applies to A-1 only)	N	Y	C	Monitoring
6-1-305	Visible Particles (applies to A-1 only)	N	Y	C	Monitoring

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
6-1-310	Particle Weight Limitation (applies to A-1 only)	N	Y	C	Monitoring
6-1-401	Appearance of Emissions (applies to A-1 only)	N	Y	C	Monitoring
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**	-	-	-	-
6-301	Ringelmann No. 1 Limitation (applies to A-1 only)	Y	Y	C	Monitoring
6-305	Visible Particles (applies to A-1 only)	Y	Y	C	Monitoring
6-310	Particle Weight Limitation (applies to A-1 only)	Y	Y	C	Monitoring
6-401	Appearance of Emissions (applies to A-1 only)	Y	Y	C	Monitoring
BAAQMD Regulation 8, Rule 34	**Organic Compounds – Solid Waste Disposal Sites (6/15/05)**	-	-	-	-
8-34-301	Landfill Gas Collection and Emission Control System Requirements	Y	Y	C	-
8-34-301.2	Collection and Control Systems Leak Limitations	Y	Y	C	Monitoring
8-34-301.3	Limits for Enclosed Flares (applies to A-1 only)	Y	Y	C	Monitoring
8-34-412	Compliance Demonstration Tests (applies to A-1 only)	Y	Y	C	Testing
8-34-413	Performance Test Report (applies to A-1 only)	Y	Y	C	Reporting
8-34-501	Operating Records	Y	Y	C	-
8-34-501.2	Emission Control System Downtime	Y	Y	C	Recordkeeping

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
8-34-501.3	Continuous Temperature Records for Enclosed Combustors (applies to A-1 only)	Y	Y	C	Recordkeeping
8-34-501.4	Testing	Y	Y	C	Recordkeeping
8-34-501.6	Leak Discovery and Repair Records	Y	Y	C	Recordkeeping
8-34-501.10	Gas Flow Rate Records for All Emission Control Systems	Y	Y	C	Recordkeeping
8-34-501.12	Records Retention for 5 Years	Y	Y	C	Recordkeeping
8-34-503	Landfill Gas Collection and Emission Control System Leak Testing	Y	Y	C	Recordkeeping
8-34-504	Portable Hydrocarbon Detector	Y	Y	C	Recordkeeping
8-34-507	Continuous Temperature Monitor and Recorder (applies to A-1 only)	Y	Y	C	Monitoring, Recordkeeping
8-34-508	Gas Flow Meter	Y	Y	C	Recordkeeping
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)**	-	-	-	-
9-1-301	Limitations on Ground Level Concentrations	Y	Y	C	Monitoring
9-1-302	General Emission Limitations (applies to A-1 only)	Y	Y	C	Monitoring
BAAQMD Regulation 9, Rule 2	**Inorganic Gaseous Pollutants – Hydrogen Sulfide (10/6/99)**	-	-	-	-
9-2-301	Limitations on Hydrogen Sulfide	N	Y	C	Monitoring

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Compliance Status (Y/N)	Continuous or Intermittent (C/I)	Method Used to Determine Compliance
BAAQMD Condition # 25010		-	-	-	-
Part 1	Waste Gas Abatement Requirement (Regulation 8-34-301 and BACT)	Y	Y	C	-
Part 2	Heat Input Limit for Flare, Gas Flow Rate Monitoring Requirement, and Records (Regulations 8-34-501.10 and 8-34-508, Offsets, and Cumulative Increase)	Y	Y	C	Monitoring, Recordkeeping
Part 3	NMOC Emission Limits for Flare (Regulation 8-34-301.3 and BACT)	Y	Y	C	Monitoring
Part 4	Combustion Zone Temperature Limit for Flare, Temperature Monitoring Requirements, and Records (Regulations 8-34-501.3 and 8-34-507, BACT, and TBACT)	Y	Y	C	Monitoring, Recordkeeping
Part 5	NO_x Emissions Limits for Flare (RACT)	Y	Y	C	Monitoring
Part 6	CO Emissions Limits for Flare (RACT)	Y	Y	C	Monitoring
Part 7	SO_2 Emission Limits and Monitoring Procedures for Flare (RACT, Cumulative Increase and Regulation 9-1-302)	Y	Y	C	Monitoring
Part 8	Alarms and Automatic Controls for Flare (Regulation 8-34-301 and BACT)	Y	Y	C	Monitoring
Part 9	Annual Source Testing Requirements for Flare (Regulations 2-5-302, 8-34-301.3, 8-34-412, and 9-1-302, RACT, BACT, and TBACT)	Y	Y	C	Testing, Reporting
Part 10	Annual Landfill Gas Characterization Analyses (Regulation 2-5-501 and Cumulative Increase)	Y	Y	C	Testing, Reporting

Ameresco Vasco Road LLC (Plant ID: E0432)
4001 N Vasco Road
Livermore, CA 94551

Deviation Description

All deviations identified in this report have been previously reported to BAAQMD.

- On December 3, 2024, Ameresco compliance staff discovered that prechamber landfill gas flow rate data had not been recorded since January 17, 2024, at 1:31 PM PST, after annual calibration of the meter was completed. The issue was corrected on December 5, 2024, at 12:39 PM PST. During calibration in January, the prechamber flow meter was setup to transmit absolute pressure instead of flow. Prechamber landfill gas flow is low, averaging 0.68% of the total landfill gas flow to each engine in calendar year 2023. The main landfill gas fuel flow to each engine was unaffected by this issue. To estimate the missing flow to each engine, Ameresco is multiplying the flow rate by 1.0068 during the affected time period.
  The 10-day and 30-day reports for this deviation were sent to BAAQMD on December 6 and December 18, 2024, respectively.