



Keller Canyon Landfill 901 Bailey Road Pittsburg, CA 94565  
o 925.232.2999 republicservices.com

TV Tracking #: 314

September 30, 2021

1.  RECEIVED IN 09/30/2021  
ENFORCEMENT:

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

Director of the Air Division, USEPA Region IX  
75 Hawthorne Street  
San Francisco, CA 94105  
Attn: Air-3

Subject: Combined 8-34 Semi-Annual Report, 40 CFR Subpart AAA Semi-Annual Report, Title V Semi-Annual Monitoring Report, and Annual Compliance Certification  
Keller Canyon Landfill, Pittsburg, California (Title V Facility No. A4618)

Dear Sir or Madam:

Keller Canyon Landfill Company, LLC is pleased to submit the enclosed combined Bay Area Air Quality Management District (BAAQMD), Regulation 8, Rule 34 Semi-Annual Report; Semi-Annual Startup, Shutdown and Malfunction (SSM) Plan Report, Title V Semi-Annual Monitoring Report, and Title V Annual Compliance Certification to the BAAQMD and the U.S. Environmental Protection Agency (EPA) Region IX for the Keller Canyon Landfill (Keller).

The Title V Semi-Annual Monitoring Report, the BAAQMD Rule 8-34 Semi-Annual Report, and the SSM Plan Report cover the period from March 1, 2021 through August 31, 2021.

The Title V Annual Compliance Certification Report covers the period from September 1, 2020 through August 31, 2021.

The Title V reports meet the requirements specified in the Title V permit, BAAQMD guidance on Title V report submittals, and Regulation 2, Rule 6. The Rule 8-34 report includes the information required by BAAQMD Rule 8-34-411 and also satisfies the requirements under the New Source Performance Standards (NSPS) for municipal solid waste landfills (40 California Code of Regulation [CFR] Part 60, Subpart WWW and applicable sections of 40 CFR Part 62, Subpart OOO which became effective on July 21, 2021), including 40 CFR 60.757(f)/40 CFR 62.16724(h). The Semi-Annual SSM Plan Report satisfies the requirements under the National Emissions Standards for Hazardous Air Pollutants (NESHAP) rule for semi-annual reporting of SSM Plan implementation including 40 CFR 63.10(d)(S). The Title V reports and the SSM Plan report each includes a certification by the responsible official for Keller.

If you have any questions regarding this submittal, please do not hesitate to reach me at (619) 201-3764 or agunner@republicservices.com or Cassandra Drotman at (562) 637-4486 or cdrotman@scsengineers.com.

Sincerely,

Antonia Gunner  
Environmental Manager  
Keller Canyon Landfill

cc: Matt Ketchem, Keller  
Cassandra Drotman, SCS Engineers  
Meng Yuan, SCS Engineers

**KELLER CANYON LANDFILL**  
**TITLE V ANNUAL CERTIFICATION**

<b>SITE:</b> KELLER CANYON LANDFILL	<b>FACILITY ID#:</b> A4618
<b>REPORTING PERIOD:</b> <i>from</i> 09/01/2020 <i>through</i> 08/31/2021	

**CERTIFICATION:**

I declare, under penalty of perjury under the laws of the state of California, that, based on information and belief formed after reasonable inquiry, all information provided in this reporting package is true, accurate, and addresses all deviations during the reporting period:

*Matthew D Ketchem*

09/30/21

\_\_\_\_\_  
Signature of Responsible Official

\_\_\_\_\_  
Date

          Matt Ketchem            
Name of Responsible Official (please print)

          General Manager            
Title of Responsible Official (please print)

**Mail to:**

*Director of Compliance and Enforcement  
BAAQMD  
375 Beale Street, Suite 600  
San Francisco, CA 94105  
Attn: Title V reports*

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: Facility

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: Facility

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Notes
BAAQMD Regulation 1	General Provisions and Definitions (5/4/11)	N	C	
SIP Regulation 1	General Provisions and Definitions (6/28/99)	Y	C	
BAAQMD Regulation 2, Rule 1	Permits – General Requirements (12/6/17)	N	C	
SIP Regulation 2, Rule 1	Permits - General Requirements (5/21/18)	Y	C	
BAAQMD 2-1-429	Permits – General Requirements: Federal Emissions Statement (12/21/04)	N	C	
SIP Regulation 2-1-429	Permits – General Requirements: Federal Emissions Statement (4/3/95)	Y	C	
BAAQMD Regulation 2, Rule 5	Permits – New Source Review of Toxic Air Contaminants (12/6/16)	N	C	
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	N	C	
SIP Regulation 4	Air Pollution Episode Plan (8/6/90)	Y	C	
SIP Regulation 4, Table 1	Air Pollution Episode Plan, Episode Stage Criteria (8/6/90)	Y	C	
BAAQMD Regulation 5	Open Burning (11/20/2019)	C	C	
SIP Regulation 5	Open Burning (9/4/98)	Y	C	
BAAQMD Regulation 6, Rule 1	Particulate Matter – General Requirements (7/31/18)	N	C	
SIP Regulation 6	Particulate Matter and Visible Emissions (9/4/98)	Y	C	
BAAQMD Regulation 6, Rule 6	Particulate Matter – Prohibition of Trackout (7/31/18)	N	C	
BAAQMD Regulation 7	Odorous Substances (3/17/82)	N	C	
BAAQMD Regulation 8, Rule 1	Organic Compounds - General Provisions (6/15/94)	Y	C	
BAAQMD Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (7/20/05)	N	C	
SIP Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (3/22/95)	Y	C	
BAAQMD Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (7/1/09)	N	C	
SIP Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (1/2/04)	Y	C	
BAAQMD Regulation 8, Rule 4	Organic Compounds - General Solvent and Surface Coating Operations (10/16/02)	Y	C	
BAAQMD Regulation 8, Rule 15	Organic Compounds – Emulsified and Liquid Asphalts (6/1/94)	Y	C	
BAAQMD Regulation 8, Rule 16	Organic Compounds - Solvent Cleaning Operations (10/16/02)	Y	C	
BAAQMD Regulation 8, Rule 40	Organic Compounds – Aeration of Contaminated Soil and Removal of Underground Storage Tanks (6/15/05)	N	C	

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BAAQMD Regulation 8-40-116	Exemption, Small Volume	Y	C	
BAAQMD Regulation 8-40-117	Exemption, Accidental Spills	Y	C	
BAAQMD Regulation 8, Rule 40	Organic Compounds - Aeration of Contaminated Soil and Removal of Underground Storage Tanks (4/19/01)	Y	C	
BAAQMD Regulation 8, Rule 47	Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (6/15/05)	N	C	
SIP Regulation 8, Rule 47	Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (4/26/95)	Y	C	
BAAQMD Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (12/20/95)	N	C	
SIP Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (3/22/95)	Y	C	
BAAQMD Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (7/17/02)	N	C	
SIP Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (2/26/02)	Y	C	
BAAQMD Regulation 9, Rule 1	Inorganic Gaseous Pollutants - Sulfur Dioxide (3/15/95)	N	C	
SIP Regulation 9, Rule 1	Inorganic Gaseous Pollutants - Sulfur Dioxide (6/8/99)	Y	C	
BAAQMD Regulation 9, Rule 2	Inorganic Gaseous Pollutants - Hydrogen Sulfide (10/6/99)	N	C	
BAAQMD Regulation 11, Rule 1	Hazardous Pollutants - Lead (3/17/82)	N	C	
SIP Regulation 11, Rule 1	Hazardous Pollutants - Lead (9/2/81)	Y	C	
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (10/7/98)	N	C	
BAAQMD Regulation 11, Rule 14	Hazardous Pollutants - Asbestos Containing Serpentine (7/17/91)	N	C	
BAAQMD Regulation 11, Rule 18	Reduction of Risk from Air Toxics Emissions at Existing Facilities (11/14/17)	N	C	
BAAQMD Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (7/11/90)	N	C	
SIP Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (9/2/81)	Y	C	
BAAQMD Regulation 14, Rule 1	Mobile Source Emission Reduction Methods - Bay Area Commuter Benefits Program (3/19/14)	N	C	
California Health and Safety Code Section 41750 et seq.	Portable Equipment	N	C	
California Health and Safety Code Section 44300 et seq.	Air Toxics "Hot Spots" Information and Assessment Act of 1987	N	C	

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California Code of Regulations Title 17, Section 93105	Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations (7/26/01)	N	C	
California Code of Regulations Title 17, Section 93106	Asbestos Airborne Toxic Control measure for Asbestos Containing Serpentine (7/20/00)	N	C	
California Code of Regulations Title 17, Section 93116	Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater (2/19/11)	N	C	
California Code of Regulations, Article 4, Subarticle 6, Title 17, Section 95460-95476	Methane Emissions from Municipal Solid Waste Landfills (6/17/2010)	Y	C	
40 CFR 61, Subpart A	National Emission Standards for Hazardous Air Pollutants - General Provisions (2/16/12)	Y	C	
40 CFR 61, Subpart M	National Emission Standards for Hazardous Air Pollutants - National Emission Standard for Asbestos (1/16/91)	Y	C	

# Compliance Certification Report

Site #: A4618  
 Address: 901 Bailey Rd  
 Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill  
 City: Pittsburg, CA  
 Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021  
 Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
<b>BAAQMD Regulation 1</b>	<b>General Provisions and Definitions (5/4/11)</b>			
1-523	Parametric Monitoring and Recordkeeping Procedures	N	C	
1-523.1	Parametric monitor periods of inoperation	Y	C	
1-523.2	Limit on duration of inoperation	Y	C	
1-523.3	Reporting requirement for violations of any applicable limits	N	C	
1-523.4	Records of inoperation, tests, calibrations, adjustments, & maintenance	Y	C	
1-523.5	Maintenance and calibration	N	C	
<b>SIP Regulation 1</b>	<b>General Provisions and Definitions (6/28/99)</b>			
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	C	
1-523.3	Reports of Violations	Y	C	
<b>BAAQMD Regulation 6, Rule 1</b>	<b>Particulate Matter – General Requirements (8/1/18)</b>			
6-1-301	Ringelmann No. 1 Limitation	N	C	
6-1-305	Visible Particles	N	C	
6-1-310	Total Suspended Particulate (TSP) Concentration Limits (applies to flares only)	N	C	
6-1-401	Appearance of Emissions	N	C	
<b>SIP Regulation 6</b>	<b>Particulate Matter and Visible Emissions (9/4/98)</b>			
6-301	Ringelmann No. 1 Limitation	Y	C	
6-305	Visible Particles	Y	C	
6-310.1	Total Suspended Particulate (TSP) Concentration Limits (applies to flares only)	Y	C	
6-401	Appearance of Emissions	Y	C	

# Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
<b>BAAQMD Regulation 6, Rule 6</b>	<b>Particulate Matter – Prohibition of Trackout (7/31/18)</b>			
6-6-301	Prohibition of Trackout onto Paved Roadways	N	C	
6-6-302	Prohibition of Visible Emissions During Cleanup of Trackout	N	C	
6-6-501	Monitoring and Recordkeeping	N	C	
<b>BAAQMD Regulation 8, Rule 2</b>	<b>Organic Compounds – Miscellaneous Operations (7/20/05)</b>			
8-2-301	Miscellaneous Operations (applies to VOC-laden soil handling and disposal activities only)	Y	C	
<b>BAAQMD Regulation 8, Rule 34</b>	<b>Organic Compounds – Solid Waste Disposal Sites (6/15/05)</b>			
8-34-113	Limited Exemption, Inspection and Maintenance	Y	C	
8-34-113.1	Emission Minimization Requirement	Y	C	
8-34-113.2	Shutdown Time Limitation	Y	C	
8-34-113.3	Recordkeeping Requirement	Y	C	
8-34-116	Limited Exemption, Well Raising	Y	C	
8-34-116.1	New Fill	Y	C	
8-34-116.2	Limits on Number of Wells Shutdown	Y	C	
8-34-116.3	Shutdown Duration Limit	Y	C	
8-34-116.4	Capping Well Extensions	Y	C	
8-34-116.5	Well Disconnection Records	Y	C	
8-34-117	Limited Exemption, Gas Collection System Components	Y	C	
8-34-117.1	Necessity of Existing Component Repairs/Adjustments	Y	C	
8-34-117.2	New Components are Described in Collection and Control System Design Plan	Y	C	

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Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
8-34-117.3	Meets Section 8-34-118 Requirements	Y	C	
8-34-117.4	Limits on Number of Wells Shutdown	Y	C	
8-34-117.5	Shutdown Duration Limit	Y	I (See Comment)	On June 10, 2021, various subsurface oxidation (SSO) indicators were detected from the landfill surface near well KCLEW148 during a Construction Quality Assurance (CQA) event. Wells in the vicinity of the SSO were shut-down for greater than 24 hours in order to fully and safely assess, contain, and extinguish the SSO. The wells were brought back online within 5-days on June 14, 2021. For additional information, including corrective actions taken, please refer to the June 18, 2021 combined 10/30-Day Deviation Letter that was submitted to the BAAQMD.
8-34-117.6	Well Disconnection Records	Y	C	
8-34-118	Limited Exemption, Construction Activities	Y	C	
8-34-118.1	Construction Plan	Y	C	
8-34-118.2	Activity is Required to Maintain Compliance with this Rule	Y	C	
8-34-118.3	Required or Approved by Other Enforcement Agencies	Y	C	
8-34-118.4	Emission Minimization Requirement	Y	C	
8-34-118.5	Excavated Refuse Requirements	Y	C	
8-34-118.6	Covering Requirements for Exposed Refuse	Y	C	
8-34-118.7	Installation Time Limit	Y	C	
8-34-118.8	Capping Required for New Components	Y	C	
8-34-118.9	Construction Activity Records	Y	C	
8-34-301	Landfill Gas Collection and Emission Control System Requirements	Y	C	



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**City:** Pittsburg, CA  
**Source Name:** S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

**Reporting Period:** 09/1/2020 to 08/31/2021  
**Zip Code:** 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
8-34-301.1	Continuous Operation	Y	I (See Comment)	On February 27, 2021 and May 19, 2021, Pacific Gas and Electric (PG&E) utility power outages occurred, which caused the Ameresco landfill gas to energy (LFGTE) facility and A-1 and A-2 Flares to shut down. For additional information, including corrective actions taken, please refer to the March 8, 2021 and May 25, 2021 combined 10/30-Day Deviation Letter that was submitted to the BAAQMD.
8-34-301.2	Collection and Control Systems Leak Limitations	Y	C	
8-34-301.3	Limits for Enclosed Flares	Y	C	
8-34-303	Landfill Surface Requirements	Y	I (See Comment)	On April 22, 2021, during a CARB inspection, a surface leak of 25,000 ppmv was discovered near the surface of well KCLEW36A. For additional information, including corrective actions taken, please refer to the April 30, 2021 (revised on May 2, 2021) combined 10/30-Day Deviation Letter that was submitted to the BAAQMD.
8-34-304	Gas Collection System Installation Requirements	Y	C	
8-34-304.1	Based on Waste Age For Inactive or Closed Areas	Y	C	
8-34-304.2	Based on Waste Age For Active Areas	Y	C	
8-34-304.3	Based on Amount of Decomposable Waste Accepted	Y	C	
8-34-304.4	Based on NMOC Emission Rate	Y	C	
8-34-305	Wellhead Requirements	Y	C	
8-34-305.1	Wellhead Vacuum Requirements	Y	C	
8-34-305.2	Wellhead Temperature Limit	Y	C	
8-34-305.3	Nitrogen Concentration Limit for Wellhead Gas or	Y	C	

# Compliance Certification Report

Site #: A4618

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Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
8-34-305.4	Oxygen Concentration Limit for Wellhead Gas (except for wells identified in Condition #17309, Part 20c(i))	Y	C	
8-34-404	Less than Continuous Operation Petition	Y	C	
8-34-405	Design Capacity Reports	Y	C	
8-34-408	Collection and Control System Design Plans	Y	C	
8-34-408.2	Sites With Existing Collection and Control Systems	Y	C	
8-34-411	Annual Report	Y	C	
8-34-412	Compliance Demonstration Tests	Y	C	
8-34-413	Performance Test Report	Y	C	
8-34-414	Repair Schedule for Wellhead Excesses	Y	C	
8-34-414.1	Records of Excesses	Y	C	
8-34-414.2	Corrective Action	Y	C	
8-34-414.3	Collection System Expansion	Y	C	
8-34-414.4	Operational Due Date for Expansion	Y	C	
8-34-415	Repair Schedule for Surface Leak Excesses	Y	C	
8-34-415.1	Records of Excesses	Y	C	
8-34-415.2	Corrective Action	Y	C	
8-34-415.3	Re-monitor Excess Location Within 10 Days	Y	C	
8-34-415.4	Re-monitor Excess Location Within 1 Month	Y	C	
8-34-415.5	If No More Excesses, No Further Re-Monitoring	Y	C	
8-34-415.6	Additional Corrective Action	Y	C	
8-34-415.7	Re-monitor Second Excess Within 10 days	Y	C	
8-34-415.8	Re-monitor Second Excess Within 1 Month	Y	C	
8-34-415.9	If No More Excesses, No Further Re-monitoring	Y	C	
8-34-415.10	Collection System Expansion for Third Excess in a Quarter	Y	C	
8-34-415.11	Operational Due Date for Expansion	Y	C	
8-34-416	Cover Repairs	Y	C	

## Compliance Certification Report

Site #: A4618

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Site Name: Keller Canyon Landfill

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
8-34-501	Operating Records	Y	C	
8-34-501.1	Collection System Downtime	Y	C	
8-34-501.2	Emission Control System Downtime (applies to flares only)	Y	C	
8-34-501.3	Continuous Temperature Records for Enclosed Combustors (applies to flares only)	Y	C	
8-34-501.4	Testing	Y	C	
8-34-501.6	Leak Discovery and Repair Records	Y	C	
8-34-501.7	Waste Acceptance Records	Y	C	
8-34-501.8	Non-decomposable Waste Records	Y	C	
8-34-501.9	Wellhead Excesses and Repair Records	Y	C	
8-34-501.10	Gas Flow Rate Records for All Emission Control Systems	Y	C	
8-34-501.12	Records Retention for 5 Years	Y	C	
8-34-503	Landfill Gas Collection and Emission Control System Leak Testing	Y	C	
8-34-504	Portable Hydrocarbon Detector	Y	C	
8-34-505	Well Head Monitoring	Y	C	
8-34-506	Landfill Surface Monitoring	Y	C	
8-34-507	Continuous Temperature Monitor and Recorder (applies to flares only)	Y	C	
8-34-508	Gas Flow Meter	Y	C	
8-34-510	Cover Integrity Monitoring	Y	C	
<b>BAAQMD Regulation 8, Rule 40</b>	<b>Organic Compounds – Aeration of Contaminated Soil and Removal of Underground Storage Tanks (6/15/05)</b>			
8-40-110	Exemption, Storage Pile	Y	C	
8-40-112	Exemption, Sampling	Y	C	
8-40-113	Exemption, Non-Volatile Hydrocarbons	Y	C	
8-40-116	Exemption, Small Volume	Y	C	
8-40-116.1	Volume does not exceed 1 cubic yard	Y	C	

# Compliance Certification Report

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
8-40-116.2	Volume does not exceed 8 cubic yards, organic content does not exceed 500 ppmv, may be used only once per quarter	Y	C	
8-40-117	Exemption, Accidental Spills	Y	C	
8-40-118	Exemption, Aeration Projects of Limited Impact	Y	C	
8-40-301	Uncontrolled Contaminated Soil Aeration	Y	C	
8-40-304	Active Storage Piles	Y	C	
8-40-305	Inactive Storage Piles	Y	C	
<b>BAAQMD Regulation 9, Rule 1</b>	<b>Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)</b>			
9-1-301	Limitations on Ground Level Concentrations (applies flare only)	Y	C	
9-1-302	General Emission Limitations (applies to flare only)	Y	C	
<b>BAAQMD Regulation 9, Rule 2</b>	<b>Inorganic Gaseous Pollutants – Hydrogen Sulfide (10/6/99)</b>			
9-2-301	Limitations on Hydrogen Sulfide	N	C	
<b>40 CFR Part 60, Subpart A</b>	<b>Standards of Performance for New Stationary Sources – General Provisions (9/13/10)</b>			
60.4	Address	Y	C	
60.4(b)	Requires Submission of Requests, Reports, Applications, and Other Correspondence to the Administrator	Y	C	
60.7	Notification and Record Keeping	Y	C	
60.8	Performance Tests	Y	C	
60.11	Compliance with Standards and Maintenance Requirements	Y	C	
60.11(a)	Compliance determined by performance tests	Y	C	
60.11(d)	Control devices operated using good air pollution control practice	Y	C	
60.12	Circumvention	Y	C	

# Compliance Certification Report

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
60.13	Monitoring Requirements	Y	C	
60.13(a)	Applies to all continuous monitoring systems	Y	C	
60.13(b)	Monitors shall be installed and operational before performing performance tests	Y	C	
60.13(e)	Continuous monitors shall operate continuously	Y	C	
60.13(f)	Monitors shall be installed in proper locations	Y	C	
60.13(g)	Requires multiple monitors for multiple stacks	Y	C	
60.14	Modification	Y	C	
60.15	Reconstruction	Y	C	
60.19	General Notification and Reporting Requirements	Y	C	
<b>40 CFR Part 60, Subpart WWW</b>	<b>Standards of Performance for New Stationary Sources – Standards of Performance for Municipal Solid Waste Landfills That Commenced Construction, Reconstruction, or Modification on or After May 30, 1991, but Before July 18, 2014. (9/21/06)</b>			On June 21, 2021, the facility complies with the new Emission Guidelines (EG) requirements in California. The approved state plan for the EG includes compliance with Title 17 California Code of Regulations (CCR) Sections 95460 to 95476, known as AB 32 Landfill Methane Rule (LMR) and specific portions of 40 CFR Part 62 Subpart OOO. Note, both EG and Subpart WWW rules were followed during the reporting period.
60.752	Standards for Air Emissions from Municipal Solid Waste Landfills	Y	C	
60.752(b)	Requirements for MSW Landfills with Design Capacity equal to or greater than 2.5 million Mg and 2.5 million m <sup>3</sup> (Large Designated Facilities)	Y	C	
60.752(b)(2)	Comply with all requirements in sections (b)(2)(i through iv)	Y	C	
60.752(b)(2)(i)	Submit a Collection and Control System Design Plan	Y	C	
60.752(b)(2)(i)(A)	The collection and control system in the Design Plan shall comply with 60.752(b)(2)(ii)	Y	C	

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
60.752 (b)(2)(i)(B)	Design Plan shall include all proposed alternatives to 60.753 through 60.758	Y	C	
60.752 (b)(2)(i)(C)	Design Plan shall conform to 60.759 (active collection system) or demonstrate sufficiency of proposed alternatives	Y	C	
60.752 (b)(2)(ii)	Install a collection and control system	Y	C	
60.752 (b)(2)(iii)	Route collected gases to a control system.	Y	C	
60.752 (b)(2)(iii)(B)	Reduce NMOC emissions by 98% by weight or reduce NMOC outlet concentration to less than 20 ppmv as hexane at 3% O <sub>2</sub> , dry basis, as demonstrated by initial performance test within 180 days of start-up (applies to flares only).	Y	C	
60.752 (b)(2)(iii)(C)	Process the collected gas for subsequent sale or use in a treatment system, where any atmospheric vents from this treatment system comply with paragraph (b)(2)(iii)(B) above.	Y	C	
60.752 (b)(2)(iv)	Operate in accordance with 60.753, 60.755, and 60.756	Y	C	
60.752(c)	Title V Operating Permit Requirements	Y	C	
60.752(c)(1)	Subject date is June 10, 1996 for Landfills new or modified between May 30, 1991 and March 12, 1996	Y	C	
60.753	Operational Standards for Collection and Control Systems	Y	C	
60.753(a)	Operate a Collection System in each area or cell in which:	Y	C	
60.753(a)(1)	Active Cell – solid waste in place for 5 years or more	Y	C	
60.753(a)(2)	Closed/Final Grade – solid waste in place for 2 years or more	Y	C	
60.753(b)	Operate each wellhead under negative pressure unless:	Y	C	
60.753(b)(1)	Fire or increased well temperature or to prevent fire	Y	C	
60.753(b)(2)	Use of geomembrane or synthetic cover (subject to alternative pressure limits)	Y	C	
60.753(b)(3)	Decommissioned well after approval received for shut-down	Y	C	

# Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
60.753(c)	Operate each wellhead at < 55 °C, and either < 20% N <sub>2</sub> or < than 5% O <sub>2</sub> (or other approved alternative levels for wells identified in Condition #17309, Part 20c(i))	Y	C	
60.753(c)(1)	N <sub>2</sub> determined by Method 3C	Y	C	
60.753(c)(2)	O <sub>2</sub> determined by 3A and as described in (2)(i-v)	Y	C	
60.753(d)	Surface Leak Limit is less than 500 ppm methane above background at landfill surface. This section also describes some surface monitoring procedures.	Y	C	
60.753(e)	Vent all collected gases to a control system complying with 60.752(b)(2)(iii). If collection or control system inoperable, shut down gas mover and close all vents within 1 hour.	Y	C	
60.753(f)	Operate the control system at all times when collected gas is routed to the control system (applies to flares only).	Y	C	
60.753(g)	If monitoring demonstrates that 60.753(b), (c), or (d) are not being met, corrective action must be taken.	Y	C	
60.754	Test Methods and Procedures	Y	C	
60.754(a)	NMOC Calculation Procedures for NMOC Emission Rate Reports and Comparison to 50 Mg/Year Standard.	Y	C	
60.754(a)(1)	Calculate NMOC Emission Rate using either or both of the equations in 60.754(a)(1)(i-ii) with the listed default values.	Y	C	
60.754(a)(1)(i)	Equation for known year-to-year waste acceptance rate	Y	C	
60.754(a)(1)(ii)	Equation for unknown year-to-year waste acceptance rate	Y	C	
60.754(a)(2)	Tier 1 - compare calculated NMOC emission rate to 50 Mg/year	Y	C	
60.754(a)(2)(ii)	If NMOC Emission Rate ≥ 50 Mg/year, comply with 60.752(b)(2) or determine a site-specific NMOC concentration and follow 60.754(a)(3).	Y	C	
60.754(c)	For PSD, NMOC emissions shall be calculated using AP-42	Y	C	
60.754(d)	Test Methods for Performance Test (Method 18 or 25C)	Y	C	
60.755	Compliance Provisions	Y	C	
60.755(a)	For Gas Collection Systems	Y	C	

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
60.755(a)(1)	Calculation procedures for maximum expected gas generation flow rate	Y	C	
60.755(a)(1)(i)	Equation for unknown year-to-year waste acceptance rate	Y	C	
60.755(a)(1)(ii)	Equation for known year-to-year waste acceptance rate	Y	C	
60.755(a)(2)	Vertical wells and horizontal collectors shall be of sufficient density to meet all performance specifications.	Y	C	
60.755(a)(3)	Measure wellhead pressure monthly. If pressure is positive, take corrective action (final corrective action = expand system within 120 days of initial positive pressure reading).	Y	C	
60.755(a)(4)	Expansion not required during first 180 days after startup.	Y	C	
60.755(a)(5)	Monitor wellheads monthly for temperature and either nitrogen or oxygen. If readings exceed limits, take corrective action up to expanding system within 120 days of first excess.	Y	C	
60.755(b)	Wells shall be placed in cells as described in Design Plan and no later than 60 days after:	Y	C	
60.755(b)(1)	Five years after initial waste placement in cell, for active cells	Y	C	
60.755(b)(2)	Two years after initial waste placement in cell, for closed/final grade cells.	Y	C	
60.755(c)	Procedures for complying with surface methane standard	Y	C	
60.755(c)(1)	Quarterly monitoring of surface and perimeter	Y	C	
60.755(c)(2)	Procedure for determining background concentration	Y	C	
60.755(c)(3)	Method 21 except probe inlet placed 5-10 cm above ground	Y	C	
60.755(c)(4)	Excess is any reading of 500 ppmv or more. Take corrective action indicated below (i-v).	Y	C	
60.755(c)(4)(i)	Mark and record location of excess	Y	C	
60.755(c)(4)(ii)	Repair cover or adjust vacuum. Re-monitor within 10calendar days.	Y	C	
60.755(c)(4)(iii)	If still exceeding 500 ppmv, take additional corrective action. Re-monitor within 10 calendar days of 2 <sup>nd</sup> excess.	Y	C	



# Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
60.755(c)(4)(iv)	Re-monitor within 1 month of initial excess.	Y	C	
60.755(c)(4)(v)	For any location with 3 monitored excesses in a quarter, additional collectors (or other approved collection system repairs) shall be operational within 120 days of 1 <sup>st</sup> excess.	Y	C	
60.755(c)(5)	Monitor cover integrity monthly and repair as needed.	Y	C	
60.755(d)	Instrumentation and procedures for complying with 60.755(c).	Y	C	
60.755(d)(1)	Portable analyzer meeting Section 3 of Method 21	Y	C	
60.755(d)(2)	Calibrated with methane diluted to 500 ppmv in air	Y	C	
60.755(d)(3)	Use Method 21, Section 4.4 instrument evaluation procedures	Y	C	
60.755(d)(4)	Calibrate per Method 21, Section 4.2 immediately before monitoring.	Y	C	
60.755(e)	Provisions apply at all times except during startup, shutdown, or malfunction, provided the duration of these shall not exceed 5 days for collection systems or 1 hour for control systems.	Y	C	
60.756	Monitoring of Operations	Y	C	
60.756(a)	For active collection systems, install wellhead sampling port	Y	C	
60.756(a)(1)	Measure gauge pressure in wellhead on a monthly basis	Y	C	
60.756(a)(2)	Measure nitrogen or oxygen concentration in wellhead gas on a monthly basis.	Y	C	
60.756(a)(3)	Measure temperature of wellhead gas on a monthly basis.	Y	C	
60.756(b)	Enclosed combustors shall comply with (b)(1) and (b)(2)	Y	C	
60.756(b)(1)	Temperature monitor and continuous recorder (not required for boilers and process heaters with capacity > 44 MW)	Y	C	
60.756(b)(2)	Device that records flow to or bypass of the control device (i or ii below)	Y	C	
60.756(b)(2)(i)	Install, calibrate, and maintain a device that records flow to the control device at least every 15 minutes.	Y	C	
60.756(b)(2)(ii)	Secure the bypass line valve in closed position, visual inspection of the lock at least once every month	Y	C	
60.756(e)	Procedures for requesting alternative monitoring parameters	Y	C	
60.756(f)	Monitor surface on a quarterly basis.	Y	C	

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
60.757	Reporting Requirements	Y	C	
60.757(a)	Submit an Initial Design Capacity Report	Y	C	
60.757(a)(3)	Amended Design Capacity Report required within 90 days of receiving a permitted increase in design capacity or within 90 days of an annual density calculation that results in a design capacity over the thresholds.	Y	C	
60.757(b)	Submit Initial and Annual NMOC Emission Rate Report	Y	C	
60.757(b)(3)	Sites with collection and control systems operating in compliance with this subpart are exempt from (b)(1) and (b)(2) above.	Y	C	
60.757(c)	Submit a Collection and Control System Design Plan within 1 year of first NMOC emission rate report showing NMOC > 50 MG/year.	Y	C	
60.757(f)	Submit Annual Reports containing information required by (f)(1) through (f)(6)	Y	C	
60.757(f)(1)	Value and length of time for exceedance of parameters monitored per 60.756(a), (b) or (d)	Y	C	
60.757(f)(2)	Description and duration of all periods when gas is diverted from the control device by a by-pass line	Y	C	
60.757(f)(3)	Description and duration of all periods when control device was not operating for more than 1 hour	Y	C	
60.757(f)(4)	All periods when collection system was not operating for more than 5 days.	Y	C	
60.757(f)(5)	Location of each surface emission excess and all re-monitoring dates and concentrations.	Y	C	
60.757(f)(6)	Location and installation dates for any wells or collectors added as a result of corrective action for a monitored excess.	Y	C	
60.757(g)	Initial Performance Test Report Requirements (g)(1-6)	Y	C	
60.757(g)(1)	Diagram of collection system showing positions of all existing collectors, proposed positions for future collectors, and areas to be excluded from control.	Y	C	
60.757(g)(2)	Basis for collector positioning to meet sufficient density req.	Y	C	
60.757(g)(4)	For areas excluded from collection due to non-productivity, calculations and gas generation rates for each non-productive area and the sum for all nonproductive areas.	Y	C	

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
60.757(g)(5)	Provisions for increasing gas mover equipment if current system is inadequate to handle maximum projected gas flow rate.	Y	C	
60.757(g)(6)	Provisions for control of off-site migration	Y	C	
60.758	Recordkeeping Requirements	Y	C	
60.758(a)	Design Capacity and Waste Acceptance Records (retain 5 years)	Y	C	
60.758(b)	Collection and Control Equipment Records (retain for life of control equipment except 5 years for monitoring data)	Y	C	
60.758(b)(1)	Collection System Records	Y	C	
60.758(b)(1)(i)	Maximum expected gas generation flow rate.	Y	C	
60.758(b)(1)(ii)	Density of wells and collectors	Y	C	
60.758(b)(2)	Control System Records - enclosed combustors other than boilers or process heaters with heat input > 44 MW (applies to flares only)	Y	C	
60.758(b)(2)(i)	Combustion temperature measured every 15 minutes and averaged over the same time period as the performance test (applies to flares only)	Y	C	
60.758(b)(2)(ii)	Percent NMOC reduction achieved by the control device (applies to flares only)	Y	C	
60.758(c)	Records of parameters monitored pursuant to 60.756 and periods of operation when boundaries are exceeded (retain for 5 years)	Y	C	
60.758(c)(1)	Exceedances subject to record keeping are	Y	C	
60.758(c)(1)(i)	All 3-hour periods when average combustion temperature was more than 28 °C below the average combustion temperature during the most recent complying performance test (applies to flares only)	Y	I (See Comment)	Several instances of temperature excursions below the A-1 source temperature limit of 1610 degrees Fahrenheit were identified between May 11, 2021 and July 6, 2021. For additional information, including corrective actions taken, please refer to the July 23, 2021 combined 10/30-Day Deviation Letter that was submitted to the BAAQMD.

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
60.758(c)(2)	Records of continuous flow to control device or monthly inspection records if seal and lock for bypass valves	Y	C	
60.758(d)	Plot map showing location of all existing and planned collectors with a unique label for each collector (retain for life of collection system).	Y	C	
60.758(d)(1)	Installation date and location of all newly installed collectors	Y	C	
60.758(d)(2)	Records of nature, deposition date, amount, and location of asbestos or non-degradable waste excluded from control	Y	C	
60.758(e)	Records of any exceedance of 60.753, location of exceedance and re-monitoring dates and data (for wellheads and surface). Retain for 5 years.	Y	C	
60.759	Specifications for Active Collection Systems	Y	C	
60.759(a)	Active wells and collectors shall be at sufficient density	Y	C	
60.759(a)(1)	Collection System in refuse shall be certified by PE to achieve comprehensive control of surface gas emissions.	Y	C	
60.759(a)(2)	Collection Systems (active or passive) outside of refuse shall address migration control.	Y	C	
60.759(a)(3)	All gas producing areas shall be controlled except as described below (i-iii).	Y	C	
60.759(a)(3)(i)	Any segregated area of asbestos or non-degradable material only may be excluded, if documented adequately per 60.758(d).	Y	C	
60.759(a)(3)(ii)	Any non-productive areas may be excluded from control, provided total NMOC emissions from all excluded areas is < 1% of total NMOC emissions from landfill. Document amount, location, and age of waste and all calculations for each excluded area.	Y	C	
60.759(a)(3)(iii)	For calculating NMOC emissions, values for k and concentration of NMOC that have been previously approved shall be used or defaults if no values were approved. All non-degradable wastes that are being subtracted from total wastes for NMOC calculations must be documented adequately.	Y	C	
60.759(b)	Gas Collection System Components	Y	C	

# Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
60.759(b)(1)	Must be constructed of PVC, HDPE, fiberglass, stainless steel, or other approved material and of suitable dimensions to convey projected gas amounts and withstand settling, traffic, etc.	Y	C	
60.759(b)(2)	Collectors shall not endanger liner, shall manage condensate and leachate, and shall prevent air intrusion and surface leaks.	Y	C	
60.759(b)(3)	Header connection assemblies shall include positive closing throttle valve, seals and couplings to prevent leaks, at least one sampling port, and shall be constructed of PVC, HDPE, fiberglass, stainless steel, or other approved materials.	Y	C	
60.759(c)	Gas Mover Equipment shall be sized to handle maximum expected gas generation rate over the intended period of use.	Y	C	
60.759(c)(1)	For existing systems, flow data shall be used to project maximum flow rate.	Y	C	
60.759(c)(2)	For new systems, gas generation rate shall be calculated per 60.755(a)(1).	Y	C	
<b>40 CFR Part 63, Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants: General Provisions (2/16/12)</b>			
63.4	Prohibited activities and circumvention	Y	C	
63.5	Preconstruction review and notification requirements	Y	C	
63.5(b)	Requirements for existing, newly constructed, and reconstructed sources	Y	C	
63.6	Compliance with standards and maintenance requirements	Y	C	
63.6(e)	Operation and maintenance requirements and SSM Plan	Y	C	
63.6(f)	Compliance with non-opacity emission standards	Y	C	
63.10	Recordkeeping and reporting requirements	Y	C	
63.10(b)	General record keeping requirements	Y	C	
63.10(b)(2)	For affected sources, maintain relevant records of:			
63.10(b)(2)(i-v)	Records for startup, shutdown, malfunction, and maintenance	Y	C	
63.10(d)(5)	Startup, Shutdown, and Malfunction (SSM) Reports	Y	C	

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
<b>40 CFR Part 63, Subpart AAAA</b>	<b>National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills (4/20/06)</b>			
63.1945	When do I have to comply with this subpart?	Y	C	
63.1945(b)	Compliance date for existing affected landfills	Y	C	
63.1955	What requirements must I meet?	Y	C	
63.1955(a)	Comply with either 63.1955(a)(1) or (a)(2)	Y	C	
63.1955(a)(1)	Comply with 40 CFR Part 60, Subpart WWW	Y	C	
63.1955(b)	Comply with 63.1960-63.1985, if a collection and control system is required by 40 CFR Part 60, Subpart WWW or a State Plan implementing 40 CFR Part 60, Subpart Cc	Y	C	
63.1955(c)	Comply with all approved alternatives to standards for collection and control systems plus all SSM requirements and 6 month compliance reporting requirements	Y	C	
63.1960	How is compliance determined?	Y	C	
63.1965	What is a deviation?	Y	C	
63.1975	How do I calculate the 3-hour block average used to demonstrate compliance?	Y	C	
63.1980	What records and reports must I keep and submit?	Y	C	
63.1980(a)	Comply with all record keeping and reporting requirements in 40 CFR Part 60, Subpart WWW or the State Plan implementing 40 CFR Part 60, Subpart Cc, except that the annual report required by 40 CFR 60.757(f) must be submitted every 6 months	Y	C	
63.1980(b)	Comply with all record keeping and reporting requirements in 40 CFR Part 60, Subpart A and 40 CFR Part 63, Subpart A, including SSM Plans and Reports	Y	C	

# Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
<b>CARB, CCR, Title 17, Sections 95460-95476</b>	<b>Methane Emissions from Municipal Solid Waste Landfills</b>	Y	C	
95460	Purpose of Regulation	Y	C	
95461	Applicability	Y	C	
95463	Determination for Installing a Landfill Gas Collection and Control System	Y	C	
95463(b)	MSW landfills greater than or equal to 450,000 tons of waste-in-place	Y	C	
	Must Submit a Landfill Gas Heat Input Capacity Report to Executive Officer	Y	C	
95463(b)(2)	Comply with Sections 95464 through 95476 if the heat input capacity is more than 3 MM BTU/hr	Y	C	
95464(b)	Gas Collection and Control System Requirements	Y	C	
95464(b)(1)	General Requirements	Y	C	
95464(b)(1)(A)	Route the collected gas to a gas control device and operate the gas collection and control system continuously	Y	C	
95464(b)(1)(B)	No LFG leak exceeding 500 ppmv, as methane, at any component under positive pressure	Y	C	
95464(b)(1)(C)	System must be designed and operated to draw all LFG to gas control device	Y	C	
95464(b)(2)	Requirements for Flares	Y	C	
95464(b)(2)(A)(1)	LFG must be routed to an enclosed flare with a minimum methane destruction efficiency of 99% by wt.	Y	C	
95464(b)(2)(A)(2)	Enclosed flare must be equipped with automatic dampers, automatic shutdown device, flame arrestors, and continuous recording temperature sensors	Y	C	
95464(b)(2)(A)(3)	Sufficient flow of propane or commercial natural gas during startup to prevent emission of unburned methane	Y	C	
95464(b)(2)(A)(4)	Control device must be operated within the parameter ranges established during the source test	Y	C	

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
95464(b)(3)	Requirements for Gas Control Devices other than Flares	Y	C	
95464(b)(3)(A)	Route the LFG to an energy recovery device which has minimum methane destruction efficiency of 99% by wt. Lean burn IC engines must reduce the outlet methane concentration to less than 3000 ppmv corrected to 15% O <sub>2</sub>	Y	C	
95464(b)(3)(B)	Route the collected gas to a treatment system that processes the gas for subsequent sale or use	Y	C	
95464(b)(4)	Source Test Requirements: Initial source test must be conducted within 180 days of the start up of the gas control device. Annual source must be completed no later than 45 days after the anniversary date of the initial source test	Y	C	
95464(b)(4)(A)	If in compliance after 3 consecutive source tests, frequency can be reduced to once every 3 years. If subsequent source testing shows out of compliance, frequency shall return to annual.	Y	C	
95464(c)	Each wellhead shall be operated under negative pressure except for a decommissioned well	Y	C	
95464(d)	Exemption for well raising	Y	C	
95464(e)	Repairs and Temporary Shutdown of Gas Collection system	Y	C	
95465	Surface Methane Emission Standards	Y	C	
95465(a)(1)	No location of the MSW landfill surface can exceed 500 ppmv of methane as determined by instantaneous surface emissions monitoring	Y	C	
95465(a)(2)	No location of the MSW landfill surface can exceed an average of 25 ppmv as determined by integrated surface emissions monitoring	Y	C	
95466	Exemption for Construction Activities	Y	C	
95467	Permanent Shutdown and Removal of LFG Collection and Control System	Y	C	
95467(a)(1-3)	LFG collection and control system can be capped at a closed landfill if it was operational for at least 15 years, surface emissions meet the standards in 95465 and an Equipment Removal Report is submitted to the Executive Officer	Y	C	
95468	Alternative Compliance Options	Y	C	



## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
95469	Monitoring Requirements	Y	C	
95469(a)	Surface Emission Monitoring Requirements: Must conduct instantaneous and integrated surface emission monitoring quarterly	Y	C	
95469(a)(1)	Instantaneous Surface Emission Monitoring:	Y	C	
95469(a)(1)(A)	Exceedances (> 500 ppmv as methane) must be marked, recorded and corrective action initiated.	Y	C	
95469(a)(1)(B)	Re-monitoring shall be conducted within 10 days of a measured exceedance.	Y	C	
95469(a)(1)(B)(1)	If re-monitoring shows a second exceedance, more corrective action shall be taken and re-monitoring shall be conducted within 10 days of the second exceedance.	Y	C	
95469(a)(1)(B)(2)	If the re-monitoring shows a third exceedance, well shall be replaced and compliance must be determined within 120 days of the third exceedance.	Y	C	
95469(a)(1)(C)	Can monitor annually if four consecutive monitoring events show no exceedances. Any exceedances which can not be corrected within 10 calendar days will return the frequency to quarterly monitoring	Y	C	
95469(a)(1)(D)	Any exceedance discovered during a compliance inspection will return the monitoring to quarterly frequency.	Y	C	
95469(a)(2)	Integrated Surface Emissions Monitoring:	Y	C	
95469(a)(2)(A)	Exceedances (> 25 ppmv as methane) must be marked, recorded and corrective action initiated.	Y	C	
95469(a)(2)(B)	Re-monitoring shall be conducted within 10 days of a measured exceedance.	Y	C	
95469(a)(2)(B)(1)	If re-monitoring shows a second exceedance, more corrective action shall be taken and re-monitoring shall be conducted within 10 days of the second exceedance.	Y	C	
95469(a)(2)(B)(2)	If the re-monitoring shows a third exceedance, well shall be replaced and compliance must be determined within 120 days of the third exceedance.	Y	C	

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
95469(a)(2)(C)	Can monitor annually if four consecutive monitoring events show no exceedances. Any exceedances which cannot be corrected within 10 calendar days will return the frequency to quarterly monitoring	Y	C	
95469(a)(2)(D)	Any exceedance discovered during a compliance inspection will return the monitoring to quarterly frequency.	Y	C	
95469(b)	Gas Control System Equipment Monitoring: The equipment must be installed, calibrated, maintained and operated as per the manufacturer specifications	Y	C	
95469(b)(1)(A)	Enclosed flares must be equipped with a temperature (accuracy of +/- 1% of the temperature being measured)	Y	C	
95469(b)(1)(B)	Enclosed flares must be equipped with at least one flow rate measuring device (capability of measuring flow rate every 15 minutes)	Y	C	
95469(b)(2)	For equipment other than enclosed flares, describe operation of the device, operating parameters, and monitoring requirements.	Y	C	
95469(b)(3)	Components containing LFG and under positive pressure must be monitored quarterly for leaks, leaks must be repaired within 10 days	Y	C	
95469(b)(3)(A)	Leak Testing at MSW landfills with LFGTE facilities may be conducted prior to scheduled maintenance of planned outage	Y	C	
95469(c)	Wellhead Monitoring: Monitoring shall be done monthly.	Y	C	
95469(c)(1)	Initiate corrective action within 5 days of a positive pressure	Y	C	
95469(c)(2)	If it cannot be resolved within 15 days from the positive measurement date, additional corrective actions shall be taken such as expansion of gas collection system	Y	C	
95469(c)(3)	Corrective actions, including operation of any new wells, shall be completed within 120 days from the first positive measurement.	Y	C	
95470(a)	Recordkeeping Requirements	Y	C	
95470(a)(1)	Following records must be maintained:	Y	C	
95470(a)(1)(A)	Gas collection system downtime exceeding 5 calendar days, list of components shut down and the reason for downtime	Y	C	
95470(a)(1)(B)	Gas collection system downtime exceeding one hour, the reason and duration of downtime	Y	C	

# Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
95470(a)(1)(C)	Expected gas generation flow rate	Y	C	
95470(a)(1)(D)	All instantaneous surface readings of 200 ppmv or greater; all exceedances of the limits in 95464(b)(1)(B). Records shall include location of the leak, concentration in ppmv, date and time of measurement, the corrective action taken, date of action, re-monitoring and the re-monitored concentration in ppmv, and wind speed during surface sampling; the installation date and location of each well installed as part of well field expansion	Y	C	
95470(a)(1)(E)	Any positive wellhead gauge pressure measurements, the date of measurements, the well identification number, and the corrective action taken	Y	C	
95470(a)(1)(F)	Annual solid waste acceptance rate and the current amount of waste-in-place	Y	C	
95470(a)(1)(G)	Nature, location, amount, and date of deposition of non-degradable waste for any landfill areas excluded from the collection system	Y	C	
95470(a)(1)(H)	Results of any source tests conducted pursuant to section 95464(b)(4)	Y	C	
95470(a)(1)(I)	Mitigation measures taken to prevent the release of methane or other emissions.	Y	C	
95470(a)(1)(I)(1)	When solid waste was brought to the surface during the installation of wells, piping, or other equipment;	Y	C	
95470(a)(1)(I)(2)	During repairs or temporary shutdown of gas collection system components	Y	C	
95470(a)(1)(I)(3)	When solid waste was excavated and moved	Y	C	
95470(a)(1)(J)	Any construction activities pursuant to section 95466	Y	C	
95470(a)(1)(J)(1)	A description of the actions being taken, affected areas, reason the actions are required, and any affected components	Y	C	
95470(a)(1)(J)(2)	Construction start and finish dates, projected equipment installation dates, and projected shut down times for individual components	Y	C	

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
95470(a)(1)(J)(3)	Description of the mitigation measures taken to minimize methane emissions and other potential air quality impacts	Y	C	
95470(a)(1)(K)	Equipment operating parameters specified under sections 95469(b)(1) and 95469(b)(2) as well as exceedance records	Y	C	
95470(a)(1)(K)(1)	For enclosed flares, all 3-hour periods of operation during which the average temperature difference was more than 28 degrees Celsius (or 50 degrees Fahrenheit) below the average combustion temperature during the most recent source test at which compliance with sections 95464(b)(2) and 95464(b)(3)(A) was determined	Y	C	
95470(a)(2)	Following records must be maintained for the life of each gas control device	Y	C	
95470(a)(2)(A)	Vendor specifications	Y	C	
95470(a)(2)(B)	Expected gas generation flow rate	Y	C	
95470(a)(2)(C)	Percent reduction of methane achieved by the control device	Y	C	
95470(a)(3)	Maintain copies of all records in the State of CA and provide them to Executive Officer within 5 business days upon request	Y	C	
95470(b)	Reporting Requirements	Y	C	
95470(b)(1)	Submit a Closure Notification to the Executive Officer within 30 days of waste acceptance cessation	Y	C	
95470(b)(1)(A)	Closure Notification must include the last day solid waste was accepted, the anticipated closure date of the MSW landfill, and the estimated waste-in-place	Y	C	
95470(b)(1)(B)	Executive Officer may request additional information to verify that permanent closure took place in accordance with the local, state or federal requirements	Y	C	
95470(b)(2)	Submit an Equipment Removal Report to the Executive Officer 30 days prior to well capping, removal or cessation which contains:	Y	C	
95470(b)(2)(A)	A copy of the Closure Notification submitted pursuant to section 95470(b)(1)	Y	C	

# Compliance Certification Report

**Site #:** A4618

**Address:** 901 Bailey Rd

**Source #:** S-1, S-4, S-5

**Site Name:** Keller Canyon Landfill

**City:** Pittsburg, CA

**Source Name:** S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

**Reporting Period:** 09/1/2020 to 08/31/2021

**Zip Code:** 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
95470(b)(2)(B)	A copy of the initial source test report or other documentation demonstrating that the gas collection and control system has been installed and operated for a minimum of 15 years unless demonstrated otherwise	Y	C	
95470(b)(2)(C)	Surface emissions monitoring results verifying that surface methane concentration measurements do not exceed the limits specified in section 95465.	Y	C	
95470(b)(3)	Prepare an annual report for the period of January 1 through December 31 of each year and submit to the Executive Officer by March 15 of the following year. The annual report must contain:	Y	C	
95470(b)(3)(A)	MSW landfill name, owner and operator, address, and solid waste information system (SWIS) identification number	Y	C	
95470(b)(3)(B)	Total volume of landfill gas collected in standard cubic feet	Y	C	
95470(b)(3)(C)	Average composition of the landfill gas collected over the reporting period (reported in percent methane and percent carbon dioxide by volume)	Y	C	
95470(b)(3)(D)	Gas control device type, year of installation, rating, fuel type, and total amount of landfill gas combusted in each device	Y	C	
95470(b)(3)(E)	Date that the gas collection and control system was installed and in full operation	Y	C	
95470(b)(3)(F)	Percent methane destruction efficiency of each gas control device	Y	C	
95470(b)(3)(G)	Type and amount of supplemental fuels burned with the landfill gas in each device	Y	C	
95470(b)(3)(H)	Total volume of landfill gas shipped off-site, the composition of the landfill gas collected, and the recipient of the gas	Y	C	
95470(b)(3)(I)	Most recent topographic map of the site	Y	C	
95470(b)(3)(J)	Information required by pertinent sections of 95470(a)(1)	Y	C	
95470(b)(5)	Submit a Landfill Gas Heat Input Capacity Report: Calculate the heat input capacity and report the results to the Executive Officer within 90 days of the effective date of this subarticle or upon reaching 450,000 tons of waste-in-place.	Y	C	

# Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
95470(b)(6)	Submit certification by a responsible official of truth, accuracy, and completeness	Y	C	
95471	Test Methods and Procedures	Y	C	
95471(a)	Hydrocarbon Detector Specifications: Any instrument used for the measurement of methane must be a gas detector approved by the Executive Officer that meets the EPA Reference Method 21, Determination of Volatile Organic Compound Leaks, 40 CFR Part 60, Appendix A	Y	C	
95471(b)(1)	Landfill gas heat input capacity for MSW landfills without carbon adsorption or passive venting system shall be calculated using the procedure specified in Appendix I	Y	C	
95471(c)	Surface Emission Monitoring Procedures: Landfill surface concentration of methane must be measured using a hydrocarbon detector using the following procedures:	Y	C	
95471(c)(1)	Entire landfill surface must be divided into individually identified 50,000 square foot grids	Y	C	
95471(c)(1)(A)	Testing must be performed by holding the hydrocarbon detector's probe within 3 inches of the landfill surface while traversing the grid	Y	C	
95471(c)(1)(B)	The walking pattern must be no more than a 25-foot spacing interval and must traverse each monitoring grid	Y	C	
95471(c)(1)(B)(1)	Spacing may be increased to 100-foot intervals if no exceedances of the limits in section 95465 are observed after any four consecutive quarterly monitoring events. It must return to a 25-foot spacing interval upon observation of any exceedances	Y	C	
95471(c)(1)(C)	Surface testing must be terminated when the average wind speed exceeds 5 mph or the instantaneous wind speed exceeds 10 mph. Alternatives can be approved for sites with consistently higher wind speeds by the Executive Officer. Average wind speed must be determined on a 15-minute average using an on-site anemometer with a continuous recorder	Y	C	
95471(c)(1)(D)	Surface emissions testing must be conducted only when there has been no measurable precipitation in the preceding 72 hours	Y	C	

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
95471(c)(2)	Instantaneous Surface Emissions Monitoring Procedures	Y	C	
95471(c)(2)(A)	Record any instantaneous surface readings of methane 200 ppmv or greater	Y	C	
95471(c)(2)(B)	Exceedances of methane concentration limit of 500 ppmv must be marked and remediated pursuant to section 95469(a)(1)	Y	C	
95471(c)(2)(C)	The wind speed must be recorded during the sampling period	Y	C	
95471(c)(2)(D)	Areas with cover penetrations/distressed vegetation/cracks/seeps must be inspected visually and with a hydrocarbon detector	Y	C	
95471(c)(3)	Integrated Surface Emissions Monitoring Procedures	Y	C	
95471(c)(3)(A)	Record and average integrated surface readings for each grid	Y	C	
95471(c)(3)(B)	Exceedances of methane concentration limit of 25 ppmv must be marked and remediated pursuant to section 95469(a)(2)	Y	C	
95471(c)(2)(C)	The wind speed must be recorded during the sampling period	Y	C	
95471(d)	Measure leaks using a hydrocarbon detector	Y	C	
95471(e)	Determine the expected gas generation flow rate as per the 2006 IPCC Guidelines for National Greenhouse Gas Inventories, Chapter 3, using a recovery rate of 75 percent	Y	C	
95471(f)(1)	Determine the destruction efficiency of the control device using EPA Methods 18, 25, 25A, and 25C	Y	C	
95471(g)	Determine gauge pressure using a hand-held manometer, magnahelic gauge, or other pressure measuring device approved by the Executive Officer.	Y	C	
95471(h)	Alternative test methods may be used if approved in writing by the Executive Officer	Y	C	
95472	Penalties	Y	C	
95473	Implementation, Enforcement, and Related Fees	Y	C	
95474	Applicability of Other Rules and Regulations	Y	C	

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
<b>BAAQMD Condition #17309</b>				
Part 1	Operating Time Restrictions (Cumulative Increase)	Y	C	
Part 2	Waste Acceptance Rate Limits (Cumulative Increase and Regulation 2-1-301)	Y	C	
Part 3	Daily Cover Requirements and Limitations (Regulation 1-301 and Cumulative Increase)	Y	C	
Part 4	Road Surfacing Requirements for Parking and Maintenance Areas (Cumulative Increase)	Y	C	
Part 5	Road Surfacing Requirements for On-Site Road Ways (Cumulative Increase)	Y	C	
Part 6	Speed Limits for Unpaved Roads (Cumulative Increase)	Y	C	
Part 7	Road Surfacing Requirements for Unpaved Roads (Cumulative Increase)	Y	C	
Part 8	Minimum Water and Dust Suppressant Application Rates for Unpaved Roads (Cumulative Increase)	Y	C	
Part 9	Water Truck Requirements (Cumulative Increase)	Y	C	
Part 10	Watering Requirements for Paved and Aggregate Based Road Ways (Cumulative Increase)	Y	C	
Part 11	Traffic Volume Limitations (Cumulative Increase)	Y	C	
Part 12	Trip Length Limitations for Heavy Duty Vehicles (Cumulative Increase)	Y	C	
Part 13	Watering Requirements for Active Face, Cover Soil Areas, and Off-Road Soil Areas (Cumulative Increase)	Y	C	
Part 14	Vegetation Requirements for Inactive Cover Soil Stockpiles (CEQA, Dust Mitigation Measures)	N	C	
Part 15	Vegetation Requirements for Completed Landfill Phases (CEQA, Dust Mitigation Measures)	N	C	
Part 16	Record Keeping Requirements (Cumulative Increase and Regulation 2-6-501)	Y	C	
Part 17	Reporting Periods and Report Submittal Due Dates for the Regulation 8, Rule 34 and NESHAP Reports (Regulation 8-34-411 and 40 CFR 63.1980(a))	Y	C	



## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-1, S-4, S-5

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
Part 18	Landfill Gas Collection System Design and Alteration Requirements (Regulations 2-1-301, 8-34-301.1, 8-34-303, 8-34-304, and 40 CFR 60.755(a) and 60.759)	Y	C	
Part 19	Operating Requirements for Landfill Gas Collection System and Collection System Components (Regulations 8-34-301, 8-34-305, and 8-34-404, and 40 CFR 60.753(b and c) and 60.755(e))	Y	C	
Part 20	Control Requirements for Collected Landfill Gas (Regulations 8-34-301 and 8-34-303 and 40 CFR 60.752(b)(2)(ii-iii), 60.753(d-f) and 60.755(e))	Y	C	
Part 21	Continuous Operation Requirement for Flares (Regulation 8-34-301 and 40 CFR 60.752(b)(2)(iii), 60.753(e), and 60.755(e))	Y	C	
Part 22	Temperature Monitoring and Recording Requirements for Flares (Regulations 2-6-501 and 8-34-501 and 40 CFR 60.756(b))	Y	C	
Part 23	Minimum Temperature Requirement for Flares (RACT, Regulations 2-5-301 and 8-34-301, and 40 CFR 60.758(c)(1)(i))	Y	C	
Part 24	Nitrogen Oxide Emission Limit for Flares (RACT)	Y	C	
Part 25	Carbon Monoxide Emission Limit for Flares (RACT)	Y	C	
Part 26	[deleted]			
Part 27	Gas Flow Meter Requirement (Regulation 8-34-508 and 40 CFR 60.756(b))	Y	C	
Part 28	Alarm and Automated Control Requirements for Flares (Regulation 8-34-301)	Y	C	
Part 29	[deleted]			
Part 30	Annual Source Testing Requirement (RACT, Regulation 8-34-301.3, and 40 CFR 60.752(b)(2)(iii))	Y	C	
Part 31	Annual Landfill Gas Characterization Test (Air Toxics Hot Spots Act, Regulations 2-5-501, 8-34-301 and 9-1-302, and 40 CFR 60.754(d))	Y	C	
Part 32	Limits on Toxic Air Contaminants in Landfill Gas (Air Toxics Hot Spots Act and Regulation 2-5-302)	N	C	
Part 33	Precursor Organic Compound Emission Limit and Calculation Procedures (Offsets)	Y	C	
Part 34	Landfill Gas Sulfur Content Limit and Testing Procedures (Cumulative Increase and Regulations 9-1-302 and 2-6-503)	Y	C	

## Compliance Certification Report

**Site #:** A4618

**Address:** 901 Bailey Rd

**Source #:** S-1, S-4, S-5

**Site Name:** Keller Canyon Landfill

**City:** Pittsburg, CA

**Source Name:** S-1 Keller Canyon Landfill abated by A-1 Landfill gas flare, and A-2 Landfill gas flare; S-4 waste and cover material dumping; and S-5 excavating, bulldozing, and compacting activities

**Reporting Period:** 09/1/2020 to 08/31/2021

**Zip Code:** 94565

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Continuous or Intermittent	Comments
Part 35	Heat Input Limits for Flares (Offsets, Cumulative Increases, and Regulation 2-1-301)	Y	C	
Part 36	Contaminated Soil Throughput Limit and Records (Regulation 8-2-301)	Y	C	
Part 37	Handling Procedures for Soil Containing Volatile Organic Compounds (Regulations 2-1-403, 8-40-301, 8-40-304, and 8-40-305)	Y	C	
Part 38	Prohibition of trackout and cleanup of trackout (Regulation 6-6-301, 302)	N	C	

## Compliance Certification Report

Site #: A4618

Address: 901 Bailey Rd

Source #: S-3

Site Name: Keller Canyon Landfill

City: Pittsburg, CA

Source Name: S-3 Yard and Green Waste  
Stockpiles

Reporting Period: 09/1/2020 to 08/31/2021

Zip Code: 94565

Applicable Requirement	Regulation Title or Description of Requirement	Compliance (Y/N)	Continuous or Intermittent	Days out of compliance / Comments
<b>BAAQMD Regulation 6, Rule 1</b>	<b>Particulate Matter – General Requirements (7/31/18)</b>			
6-1-301	Ringelmann No. 1 Limitation	N	C	
6-1-305	Visible Particles	N	C	
6-1-311.1	Total Suspended Particulate (TSP) Weight Limits	N	C	
6-1-401	Appearance of Emissions	N	C	
<b>SIP Regulation 6</b>	<b>Particulate Matter and Visible Emissions (9/4/98)</b>			
6-301	Ringelmann No. 1 Limitation	Y	C	
6-305	Visible Particles	Y	C	
6-311	Process Weight Limitations	Y	C	
6-401	Appearance of Emissions	Y	C	
<b>BAAQMD Regulation 6, Rule 6</b>	<b>Particulate Matter – Prohibition of Trackout (7/31/18)</b>			
6-6-301	Prohibition of Trackout onto Paved Roadways	N	C	
6-6-302	Prohibition of Visible Emissions During Cleanup of Trackout	N	C	
6-6-501	Monitoring and Recordkeeping	N	C	
<b>BAAQMD Condition #16462</b>				
Part 1	Limit on Yard and Green Waste Received (Cumulative Increase)	Y	C	
Part 2	Watering Requirements (Regulations 6-1-301, 6-1-305, and 2-6-503)	Y	C	
Part 3	Maximum Storage Time for Incoming Waste Prior to Processing (Regulation 1-301)	N	C	
Part 4	Maximum Storage Time for “Odorous” Stockpile (Regulation 1-301)	N	C	
Part 5	Public Nuisance Control Measures (Regulation 1-301)	N	C	
Part 6	Record Keeping Requirements (Cumulative Increase and Regulations 1-301, 2-6-501, 6-1-301 and 6-1-305)	Y	C	

