

KELLER CANYON LANDIFLL**TITLE V SEMI-ANNUAL MONITORING REPORT**

SITE: KELLER CANYON LANDFILL	FACILITY ID#: A4618
REPORTING PERIOD: from 09/01/2021 through 02/28/2022	

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

03/30/2022

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*

KELLER CANYON LANDIFLL

TITLE V SEMI-ANNUAL MONITORING REPORT

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List of Permitted Sources and Abatement Device

Permit Unit Number	Equipment Description
S-#	Description
S-1	Keller Canyon Landfill – Waste Decomposition Process; Abated by A-1 Landfill Gas Flare, and A-2 Landfill Gas Flare
S-4	Keller Canyon Landfill – Waste and Cover Material Dumping
S-5	Keller Canyon Landfill – Excavating, Bulldozing and Compacting Activities
S-3	Yard and Green Waste Stockpiles

Notes:

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Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
Collection System Installation Dates	BAAQMD 8-34-501.7 and 501.8 and BAAQMD Condition # 17309, Part 16d-h	Records	Periodic / On event basis	BAAQMD 8-34-304.1	For Inactive/Closed Areas: collection system components must be installed and operating by 2 years + 60 days after initial waste placement	Continuous	N/A
Collection System Installation Dates	BAAQMD 8-34-501.7 and 501.8 and BAAQMD Condition # 17309, Part 16d-h	Records	Periodic / On event basis	BAAQMD 8-34-304.2 and BAAQMD Condition # 17309, Part 18b	For Active Areas: Collection system components must be installed and operating by 5 years + 60 days after initial waste placement	Continuous	N/A
Collection System Installation Dates	BAAQMD 8-34-501.7 and 501.8 and BAAQMD Condition # 17309, Part 16d-h	Records	Periodic / On event basis	BAAQMD 8-34-304.3 and BAAQMD Condition # 17309, Part 18b	For Any Uncontrolled Areas or Cells: collection system components must be installed and operating within 60 days after the uncontrolled area or cell accumulates 1,000,000 tons of decomposable waste	Continuous	N/A

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Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
Collection System Installation Dates	40 CFR 60.758(a), (d)(1) and (d)(2), and 60.759(a)(3)	Records	Periodic / On event basis	40 CFR 60.753 (a)(2) and 60.755 (b)(2)	For Inactive/Closed Areas: collection system components must be installed and operating by 2 years + 60 days after initial waste placement	Continuous	N/A
Collection System Installation Dates	40 CFR 60.758(a), (d)(1) and (d)(2)	Records	Periodic / On event basis	40 CFR 60.753 (a)(1) and 60.755 (b)(1)	For Active Areas: Collection system components must be installed and operating by 5 years + 60 days after initial waste placement	Continuous	N/A
Gas Flow	BAAQMD 8-34-501.10 and 508 and BAAQMD Condition # 17309, Parts 27 and 28	Gas Flow Meter and Recorder (every 15 minutes)	Continuous	BAAQMD 8-34-301 and 301.1 and BAAQMD Condition # 17309, Parts 19, 20, 21	Landfill gas collection system shall operate continuously, all collected gases shall be vented to a properly operating control system, and control system shall operate continuously	Continuous	N/A

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Gas Flow	40 CFR 60.756(b)(2) (i or ii) and 60.758(c)(2)	Gas Flow Meter and Recorder (every 15 minutes) or Monthly Inspection of Bypass Valve and Lock and Records	Continuous, Periodic / Monthly	40 CFR 60.752 (b)(2)(iii) and 40 CFR 60.753(a) and (e)	Operate a collection system in each area or cell, vent all collected gases to a properly operating control system, and operate control system at all times when gas is vented to it	Continuous	N/A
Gas Flow	CARB LMR 95469(b)(1)(B)	Gas Flow Meter and Recorder (every 15 minutes)	Continuous	CARB LMR 95464(b)(1)	Route all collected gases to a properly operating control system, and operate control system at all times so that no gas leak exceed 500 ppmv as methane	Continuous	N/A
Collection and Control Systems Shutdown Time	BAAQMD 8-34-501.1 and 501.2	Operating Records (all occurrences and duration of each)	Periodic / Daily	BAAQMD 8-34-113.2	For Collection and Control Systems: ≤ 240 hours per year and ≤ 5 consecutive days	Continuous	N/A

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Collection and Control Systems Startup Shutdown or Malfunction	40 CFR 60.7(b), 60.757(f)(2-4)	Operating Records (all occurrences and duration of each)	Periodic / Daily	40 CFR 60.755(e)	For Collection System: < 5 days per event and For Control System: < 1 hour per event	Continuous	N/A
Collection and Control Systems Shutdown Time	CARB LMR 95470(a)(1)(A-B)	Operating Records (all occurrences and duration of each)	Periodic/ On event basis	CARB LMR 95464(a)(1)(D) and 95464(e)	For Collection System: < 5 days per event and For Control System: < 1 hour per event	Continuous	N/A
Startup Shutdown or Mal-function Procedures	40 CFR 63.1980(a-b)	Records (all occurrences, duration of each, corrective actions)	Periodic / Daily	40 CFR 63.6(e)	Minimize Emissions by Implementing SSM Plan	Continuous	N/A
Startup Shutdown or Mal-function Procedures	CARB LMR 95470(a)(1)(I)	Records of mitigation measures taken	Periodic / On event basis	CARB LMR 95464(e)(1-2)	Include any new components in Design Plan and minimize methane emissions	Continuous	N/A
Periods of Inoperation for Para-metric Monitors	BAAQMD 1-523.4	Operating Records for All Parametric Monitors	Periodic / Daily	BAAQMD 1-523.2	< 15 consecutive days per incident and < 30 calendar days per 12 month period	Continuous	N/A

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Continuous Monitors	40 CFR 60.7(b)	Operating Records for All Continuous Monitors	Periodic / Daily	40 CFR 60.13(e)	Requires Continuous Operation except for breakdowns, repairs, calibrations, and required span adjustments	Continuous	N/A
Wellhead Pressure	BAAQMD 8-34-414, 501.9 and 505.1	Monthly Inspection and Records	Periodic / Monthly	BAAQMD 8-34-305.1	< 0 psig (Applies to all wells that are connected to the vacuum system)	Continuous	N/A
Wellhead Pressure	40 CFR 60.755(a)(3), 60.756(a)(1), and 60.758(c) and (e)	Monthly Inspection and Records	Periodic / Monthly	40 CFR 60.753(b)	< 0 psig (Applies to all wells that are connected to the vacuum system)	Continuous	N/A
Wellhead Pressure	CARB LMR 95469(c)	Monthly Inspection and Records	Periodic / Monthly	CARB LMR 95464(c)	< 0 psig (Applies to all wells that are connected to the vacuum system)	Continuous	N/A
Temperature of Gas at Wellhead	BAAQMD 8-34-414, 501.9 and 505.2	Monthly Inspection and Records	Periodic / Monthly	BAAQMD 8-34-305.2	< 55 °C (Applies to all wells that are connected to the vacuum system)	Continuous	N/A
Temperature of Gas at Wellhead	40 CFR 60.755(a)(5), 60.756(a)(3), and 60.758(c) and (e)	Monthly Inspection and Records	Periodic / Monthly	40 CFR 60.753(c)	< 55 °C (Applies to all wells that are connected to the vacuum system)	Continuous	N/A

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Temperature of Gas at Wellhead	BAAQMD 8-34-414, 501.9, 505.2, and BAAQMD Condition #17309, Part 19	Monthly or more frequent Inspection and Records	Periodic / Monthly, bimonthly, or weekly	BAAQMD 8-34-505 and BAAQMD Condition 17309, Part 19	<150 degrees F (Alternative wellhead temperature limit that applies only to wells specified in BAAQMD Condition #17309, Part 19(b)(i))	Continuous	N/A
Gas Concentrations in LFG at Wellhead	BAAQMD 8-34-414, 501.9 and 505.3 or 505.4	Monthly Inspection and Records	Periodic / Monthly	BAAQMD 8-34-305.3 or 305.4	N ₂ < 20% (by volume, dry basis) OR O ₂ < 5% (Applies to all wells that are connected to the vacuum system, except for wells identified in Condition # 17309, Part 19b(i))	Continuous	N/A

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Gas Concentration at Wellhead	40 CFR 60.755(a)(5), 60.756(a)(2), and 60.758(c) and (e)	Monthly Inspection and Records	Periodic / Monthly	40 CFR 60.753(c)	N2 < 20% OR O2 < 5% (Applies to all wells that are connected to the vacuum system, except for wells identified in Condition # 17309, Part 19b(i))	Continuous	N/A
Gas Concentrations at Wellhead	BAAQMD Condition # 17309, Part 19b(ii) and iii)	Monthly Inspection and Records	Periodic / Monthly	BAAQMD Condition # 17309, Part 19b(i)	O2 < 15% (Applies to wells identified in Condition # 17309, Part 19b(i) that are connected to the vacuum system)	Continuous	N/A
Well Shutdown Limits	BAAQMD 8-34-116.5 and 501.1	Records	Periodic / Daily	BAAQMD 8-34-116.2	No more than 5 wells at a time or 10% of total collection system, whichever is less	Continuous	N/A
Well Shutdown Limits	BAAQMD 8-34-116.5 and 501.1	Records	Periodic / Daily	BAAQMD 8-34-116.3	< 24 hours per well	Continuous	N/A

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Well Shutdown Limits	BAAQMD 8-34-117.6 and 501.1	Records	Periodic / Daily	BAAQMD 8-34-117.4	No more than 5 wells at a time or 10% of total collection system, whichever is less	Continuous	N/A
Well Shutdown Limits	BAAQMD 8-34-117.6 and 501.1	Records	Periodic / Daily	BAAQMD 8-34-117.5	< 24 hours per well or < 5 days per well for component replacements	Intermittent	On September 13, 2021, various subsurface oxidation (SSO) indicators were detected from the landfill surface near well KCLEW163 during a routine wellfield monitoring 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 September 17, 2021.

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Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
							For additional information, including corrective actions taken, please refer to the September 23, 2021 combined 10/30-Day Deviation Letter that was submitted to the BAAQMD.
Well Shutdown Limits	BAAQMD Condition # 17309, Part 19c(v)	Records	Periodic / Daily	BAAQMD Condition # 17309, Parts 19c (i and ii)	For individual components that are temporarily disconnected from the vacuum system: < 5 components disconnected at any one time and < 120 days of vacuum disconnection time during any 12-month period for each individual component	Continuous	N/A

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Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
TOC (Total Organic Compounds Plus Methane)	BAAQMD 8-34-501.6 and 503 and BAAQMD Condition # 17309, Part 19c(iv and v)	Quarterly Inspection of collection and control system components with OVA, Additional Inspection of Temporarily Disconnected Components and Records	Periodic / Quarterly	BAAQMD 8-34-301.2 and BAAQMD Condition # 17309, Part 19c(iv)	Component Leak Limit: < 1000 ppmv as methane	Intermittent	On September 3, 2021, during routine component leak checks, a component leak of 8,500 ppmv was discovered near the surface of well KCLEW147. For additional information, including corrective actions taken, please refer to the September 13, 2021 combined 10/30-Day Deviation Letter that was submitted to the BAAQMD.

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Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
TOC	BAAQMD 8-34-415, 416, 501.6, 506 and 510	Monthly Visual Inspection of Cover, Quarterly Inspection with OVA of Surface, Various Reinspection Times for Leaking Areas, and Records	Periodic / Monthly, Quarterly, and on an Event Basis	BAAQMD 8-34-303	Surface Leak Limit: < 500 ppmv as methane at 2 inches above surface	Intermittent	On September 3, 2021, during routine surface leak checks, a surface leak of 1,000 ppmv was discovered near the surface of well KCLEW25B. For additional information, including corrective actions taken, please refer to the September 13, 2021 combined 10/30-Day Deviation Letter that was submitted to the BAAQMD.

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TOC	Condition # 17309, Part 19b(iv-vi)	Monthly Inspection with OVA of Surface (3 points within 15 m of well), Various Reinspection Times for Leaking Areas, and Records	Periodic / Monthly	BAAQMD 8-34-303 and BAAQMD Condition # 17309, Part 19b(iv)	Surface Leak Limit: < 500 ppmv as methane at 2 inches above surface (Applies to surface vicinity near wells identified in Condition # 17309, Part 19b(i) that are complying with an alternative wellhead oxygen standard instead of the 8-34-305.4 limit)	Continuous	N/A
TOC	40 CFR 60.755(c)(1), (4) and (5), 60.756(f), and 60.758(c) and (e)	Monthly Visual Inspection of Cover, Quarterly Inspection with OVA of Surface, Various Reinspection Times for Leaking Areas, and Records	Periodic / Monthly, Quarterly, and on an Event Basis	40 CFR 60.753(d)	Surface Leak Limit: < 500 ppmv as methane at 5-10 cm from surface	Continuous	N/A

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Methane	CARB LMR 95469(a-b)	Quarterly Monitoring, Various Reinspection Times for Leaking Areas, and Records	Periodic / Quarterly / On event basis	CARB LMR 95465(a)	Surface Leak Limit: < 500 ppmv as methane at 5-10 cm from surface	Continuous	N/A
Non-Methane Organic Compounds (NMOC)	BAAQMD 8-34-412 and 8-34-501.4 And BAAQMD Condition # 17309, Parts 30 and 31	Initial and Annual Source Tests	Periodic / Annual	BAAQMD 8-34-301.3	For Flares: > 98% removal by weight OR < 30 ppmvd @ 3% O ₂ , expressed as methane	Continuous	N/A
NMOC	40 CFR 60.8 and 60.752(b) (2)(iii)(B) and 60.758 (b)(2)(ii)	Initial and Annual Source Tests	Periodic / On event basis	40 CFR 60.752(b) (2)(iii)(B)	For Flares: > 98% removal by weight OR < 20 ppmvd @ 3% O ₂ , expressed as hexane	Continuous	N/A

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Methane	CARB LMR 95469(b)(1)	Temperature Sensor and Recorder (continuous) and gas flow rate measuring device	Continuous	CARB LMR 95464(b)(2)(A)	For Flares: > 99% Methane removal by weight	Continuous	N/A
Temperature of Combustion Zone (CT)	BAAQMD 8-34-501.3 and 507, and BAAQMD Condition # 17309, Part 22	Temperature Sensor and Recorder (continuous)	Continuous	BAAQMD Condition # 17309, Part 23	For A-1 Flare: CT > 1504 °F (3-hour average) For A-2 Flare: CT > 1400 °F (3-hour average)	Continuous	N/A

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Temperature of Combustion Zone (CT)	40 CFR 60.756(b)(1) and 60.758 (b)(2)(i)	Temperature Sensor and Recorder (measured every 15 minutes and averaged over performance test time period and 3-hours)	Continuous	40 CFR 60.758 (c)(1)(i)	For A-1 Flare: CT > 1504 °F (3-hour average) from (CT > CTPF – 28 °C), where CTPF is the average combustion temperature during the most recent complying performance test, CTPF was 1554 °F during 10/13/04 test For A-2 Flare: CT will be determined during initial performance test	Continuous	N/A
POC (Precursor Organic Compounds)	BAAQMD Condition # 17309, Part 33	Calculation Procedure (once every 5 years)	Periodic / On event basis	BAAQMD Condition # 17309, Part 33	< 112.828 tons per year (fugitive POC from all landfill operations)	Continuous	N/A

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Total Carbon	BAAQMD Condition # 17309, Part 36a-c	Records	Periodic / On event basis	BAAQMD 8-2-301	< 15 pounds/day or < 300 ppm, dry basis only for aeration of or use as cover soil of soil containing < 50 ppmw of volatile organic compounds	Continuous	N/A
Amount of Contaminated Soil Aerated or Used as Cover	BAAQMD Condition # 17309, Parts 36a-c and 37m	Records	Periodic / On event basis	BAAQMD 8-40-116.1	< 1 cubic yard per project	Continuous	N/A
Amount of Contaminated Soil Aerated or Used as Cover	BAAQMD 8-40-116.2 and BAAQMD Condition # 17309, Parts 36a-c and 37m	Records	Periodic / On event basis	BAAQMD 8-40-116.2	< 8 cubic yards per project, provided organic content < 500 ppmw and limited to 1 exempt project per 3 month period	Continuous	N/A
Amount of Accidental Spillage	None	N/A	None	BAAQMD 8-40-117	Soil Contaminated by Accidental Spillage of < 5 gallons of Liquid Organic Compounds	Continuous	N/A

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Total Aeration Project Emissions	BAAQMD Condition # 17309, Part 37m	Records	Periodic / On event basis	BAAQMD 8-40-118	< 150 pounds per project and toxic air contaminant emissions per year < BAAQMD Table 2-5-1 limits	Continuous	N/A
Amount of Contaminated Soil Aerated or Used as Cover	BAAQMD Condition # 17309, Parts 36a-c and 37m	Calculations and Records	Periodic / On event basis	BAAQMD 8-40-301 and BAAQMD Condition # 17309, Part 37k	Prohibited for Soil with Organic Content > 50 ppmw unless exempt per BAAQMD 8-40-116, 117, or 118	Continuous	N/A
Contaminated Soil Handling	BAAQMD Condition # 17309, Part 37m	Records	Periodic / On event basis	BAAQMD Condition # 17309, Part 37e	Limited to 2 on-site transfers per lot of contaminated soil	Continuous	N/A
Contaminated Soil On-Site Storage Time	BAAQMD Condition # 17309, Part 37m	Records	Periodic / On event basis	BAAQMD Condition # 17309, Part 37f-g	If organic content is: < 500 ppmw, storage time < 90 days; If organic content is: > 500 ppmw, storage time < 45 days	Continuous	N/A

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Permitted Unit: S-1 KELLER CANYON LANDFILL, A-1 AND A-2 LANDFILL GAS FLARE; S-4 WASTE AND COVER MATERIAL DUMPING; S-5 EXCAVATING, BULLDOZING, AND COMPACTING ACTIVITIES	Reporting Period: from 09/01/2021 through 02/28/2022

Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
SO ₂	None	N/A	None	BAAQMD 9-1-301	Property Line Ground Level Limits: < 0.5 ppm for 3 minutes, < 0.25 ppm for 60 minutes, and <0.05 ppm for 24 hours	Continuous	N/A
SO ₂	BAAQMD Condition # 17309, Parts 31 and 34	Sulfur Analysis of Landfill Gas	Periodic / Quarterly	BAAQMD 9-1-302	In Exhaust Gases From Flares: < 300 ppm (dry)	Continuous	N/A
H ₂ S	None	N/A	None	BAAQMD 9-2-301	Property Line Ground Level Limits: < 0.06 ppm, averaged over 3 minutes and < 0.03 ppm, averaged over 60 minutes	Continuous	N/A
Total Reduced Sulfur (TRS) Com-pounds	BAAQMD Condition # 17309, Parts 31 and 34	Sulfur Analysis of Landfill Gas	Periodic / Quarterly	BAAQMD Condition # 17309, Part 34	In Collected Landfill Gas: < 300 ppmv (dry)	Continuous	N/A
Opacity	BAAQMD Condition # 17309, Part 16j-l	Records of Water and Dust Suppressant Application	Periodic / Quarterly	BAAQMD 6-1-301 and SIP 6-301	For Landfill Operations: < Ringelmann No. 1 for 3 minutes in any hour	Continuous	N/A

KELLER CANYON LANDFILL

TITLE V SEMI-ANNUAL MONITORING REPORT

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Permitted Unit: S-1 KELLER CANYON LANDFILL, A-1 AND A-2 LANDFILL GAS FLARE; S-4 WASTE AND COVER MATERIAL DUMPING; S-5 EXCAVATING, BULLDOZING, AND COMPACTING ACTIVITIES	Reporting Period: from 09/01/2021 through 02/28/2022

Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
Opacity	BAAQMD 8-34-501.3 and 507, and BAAQMD Condition # 17309, Part 22	Temperature Sensor and Recorder (continuous)	Continuous	BAAQMD 6-1-301 and SIP 6-301	For Flares: < Ringelmann No. 1 for 3 minutes in any hour	Continuous	N/A
FP	None	N/A	None	BAAQMD 6-1-310 and SIP 6-310	For Flares: < 0.15 grains/dscf	Continuous	N/A
Operating Time	BAAQMD Condition # 17309, Parts 16a and 16i	Records of Waste Received and Truck Traffic	Periodic / Daily	BAAQMD Condition # 17309, Part 1	Monday through Friday	Continuous	N/A
Waste Received	BAAQMD Condition # 17309, Part 16a	Records of Waste Received	Periodic / Daily	BAAQMD Condition # 17309, Part 2a	< 3500 tons per day	Continuous	N/A
Cumulative Waste In-Place	BAAQMD Condition # 17309, Part 16a	Records of Waste Placed in Landfills	Periodic / Daily	BAAQMD Condition # 17309, Part 2b	< 38.4 million tons (<34.8 million Mg)	Continuous	N/A
Design Capacity	BAAQMD Condition # 17309, Parts 16a, 36a, and 37m	Records of Material Placed in Landfill	Periodic / Daily	BAAQMD Condition # 17309, Part 2c	< 75 million yd3 (< 57.3 million m3) of all wastes and cover materials (excluding final cover)	Continuous	N/A

KELLER CANYON LANDFILL

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Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
Unpaved Road Length	BAAQMD Condition # 17309, Part 12	Site Maps	Periodic / On event basis	BAAQMD Condition # 17309, Part 5a	< 3000 feet from cover stockpile to working face midpoint	Continuous	N/A
Unpaved Road Length	BAAQMD Condition # 17309, Part 12	Site Maps	Periodic / On event basis	BAAQMD Condition # 17309, Part 5b	< 400 feet from end of main access road to working face midpoint	Continuous	N/A
Unpaved Road Length	BAAQMD Condition # 17309, Part 12	Site Maps	Periodic / On event basis	BAAQMD Condition # 17309, Part 5c	< 750 feet from end of paved road to end of main access road (this section must have 12 inches of gravel or crushed asphalt)	Continuous	N/A
Unpaved Road Length	BAAQMD Condition # 17309, Part 12	Site Maps	Periodic / On event basis	BAAQMD Condition # 17309, Part 5d	< 1400 feet of fire access roads	Continuous	N/A
Vehicle Speed	BAAQMD Condition # 17309, Part 6	Posted Signs and Enforcement if Necessary	Periodic / On event basis	BAAQMD Condition # 17309, Part 6	< 10 mph on unpaved roads and < 25 mph on fire access roads	Continuous	N/A

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Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
Dust Suppressant Application Rate for Unpaved Roads	BAAQMD Condition # 17309, Part 16k	Records	Periodic / Daily	BAAQMD Condition # 17309, Part 8a-c	> 0.5 gallons per square yard of 10% magnesium chloride applied once every 30 days between May 1 and November 1 and once every 30 consecutive dry days between November 1 and May 1	Continuous	N/A
Water Application Rate for Roads	BAAQMD Condition # 17309, Part 16i-j	Records	Periodic / Daily	BAAQMD Condition # 17309, Parts 8 and 10	Once every fifth heavy duty vehicle and more often as necessary	Continuous	N/A
Water Application Rate for Active face and Soil Areas	BAAQMD Condition # 17309, Part 16 l	Records	Periodic / Daily	BAAQMD Condition # 17309, Part 13	> 0.5 gallons per square yard twice per day on all dry days	Continuous	N/A
Truck Traffic Volume	BAAQMD Condition # 17309, Part 16i	Records	Periodic / Daily	BAAQMD Condition # 17309, Part 11a	< 175 transfer truck trips per annual average day	Continuous	N/A
Truck Traffic Volume	BAAQMD Condition # 17309, Part 16i	Records	Periodic / Daily	BAAQMD Condition # 17309, Part 11b	< 4 leachate truck trips per annual average day	Continuous	N/A

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Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
Truck Traffic Volume	BAAQMD Condition # 17309, Part 16i	Records	Periodic / Daily	BAAQMD Condition # 17309, Part 11c	< 45 scraper trips per annual average day	Continuous	N/A
Truck Traffic Trip Length	BAAQMD Condition # 17309, Part 12	Site Maps and Records	Periodic / On event basis	BAAQMD Condition # 17309, Part 12a	< 7800 feet for transfer trucks	Continuous	N/A
Truck Traffic Trip Length	BAAQMD Condition # 17309, Part 12	Site Maps and Records	Periodic / On event basis	BAAQMD Condition # 17309, Part 12b	< 3600 feet for leachate trucks	Continuous	N/A
Truck Traffic Trip Length	BAAQMD Condition # 17309, Part 12	Site Maps and Records	Periodic / On event basis	BAAQMD Condition # 17309, Part 12c	< 3000 feet for scrapers	Continuous	N/A
NOx	BAAQMD Condition # 17309, Part 30	Annual Source Test	Periodic / Annual	BAAQMD Condition # 17309, Part 24	For both A-1 Flare and A-2 Flare: < 15 ppmv of NOx, expressed as NO2 at 15% O2, dry	Continuous	N/A
CO	BAAQMD Condition # 17309, Part 30	Annual Source Test	Periodic / Annual	BAAQMD Condition # 17309, Part 25	For A-1 Flare: < 114 ppmv of CO at 15% O2, dry For A-2 Flare: < 81 ppmv of CO at 15% O2, dry	Continuous	N/A
Acrylonitrile	BAAQMD Condition # 17309, Part 31	Annual Laboratory Analysis	Periodic / Annual	BAAQMD Condition # 17309, Part 32	Concentration in Landfill Gas: < 500 ppbv or Fugitive Emissions: < 60 pounds/year	Continuous	N/A

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Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
Benzene	BAAQMD Condition # 17309, Part 31	Annual Laboratory Analysis	Periodic / Annual	BAAQMD Condition # 17309, Part 32	Concentration in Landfill Gas: < 20,000 ppbv or Fugitive Emissions: < 3557 pounds/year	Continuous	N/A
Carbon Tetrachloride	BAAQMD Condition # 17309, Part 31	Annual Laboratory Analysis	Periodic / Annual	BAAQMD Condition # 17309, Part 32	Concentration in Landfill Gas: < 100 ppbv or Fugitive Emissions: < 35 pounds/year	Continuous	N/A
Chloroform	BAAQMD Condition # 17309, Part 31	Annual Laboratory Analysis	Periodic / Annual	BAAQMD Condition # 17309, Part 32	Concentration in Landfill Gas: < 100 ppbv or Fugitive Emissions: < 27 pounds/year	Continuous	N/A
Ethylene Dibromide	BAAQMD Condition # 17309, Part 31	Annual Laboratory Analysis	Periodic / Annual	BAAQMD Condition # 17309, Part 32	Concentration in Landfill Gas: < 100 ppbv or Fugitive Emissions: < 40 pounds/year	Continuous	N/A
Ethylene Dichloride	BAAQMD Condition # 17309, Part 31	Annual Laboratory Analysis	Periodic / Annual	BAAQMD Condition # 17309, Part 32	Concentration in Landfill Gas: < 750 ppbv or Fugitive Emissions: < 169 pounds/year	Continuous	N/A

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Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
Methylene Chloride	BAAQMD Condition # 17309, Part 31	Annual Laboratory Analysis	Periodic / Annual	BAAQMD Condition # 17309, Part 32	Concentration in Landfill Gas: < 7,600 ppbv or Fugitive Emissions: < 1470 pounds/year	Continuous	N/A
Perchloroethylene	BAAQMD Condition # 17309, Part 31	Annual Laboratory Analysis	Periodic / Annual	BAAQMD Condition # 17309, Part 32	Concentration in Landfill Gas: < 3,300 ppbv or Fugitive Emissions: < 1246 pounds/year	Continuous	N/A
Trichloroethylene	BAAQMD Condition # 17309, Part 31	Annual Laboratory Analysis	Periodic / Annual	BAAQMD Condition # 17309, Part 32	Concentration in Landfill Gas: < 1,500 ppbv or Fugitive Emissions: < 449 pounds/year	Continuous	N/A
Vinyl Chloride	BAAQMD Condition # 17309, Part 31	Annual Laboratory Analysis	Periodic / Annual	BAAQMD Condition # 17309, Part 32	Concentration in Landfill Gas: < 1,700 ppbv or Fugitive Emissions: < 242 pounds/year	Continuous	N/A

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Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
Heat Input	BAAQMD Condition # 17309, Part 35	Records	Periodic / Monthly	BAAQMD Condition # 17309, Part 35	For A-1 Flare: < 1744.8 MM BTU per day and < 636,852 MM BTU per year For A-2 Flare: < 1824 MM BTU per day and < 665,760 MM BTU per year	Continuous	N/A
Trackout onto Paved Roadways	BAAQMD 6-6-501, BAAQMD Permit Condition #17309, Part 38	Records	Periodic / Daily	BAAQMD 6-6-301	Trackout causing visible emissions: < 25 linear feet for no more than 4 hours; and Trackout remaining on adjacent paved public roadway or paved shoulder: < 1 quart at end of each workday	Continuous	N/A
Visible Emissions from Cleaning Trackout	BAAQMD 6-6-501, BAAQMD Permit Condition #17309, Part 38	Records	Periodic / Daily	BAAQMD 6-6-302	< Ringelmann No. 1 Limitation for no more than 3 minutes in any 60-minute period	Continuous	N/A

KELLER CANYON LANDFILL

TITLE V SEMI-ANNUAL MONITORING REPORT

Site: Keller Canyon Landfill	Facility ID#: A4618
Permitted Unit: S-3 YARD AND GREEN WASTE STOCKPILES	Reporting Period: from 03/01/2021 through 08/31/2021

Type of Limit or Criteria	Monitoring Requirement Citation	Monitoring Type	Monitoring Frequency	Citation of Limit	Limit	Compliance	Corrective Actions Taken
Opacity	BAAQMD Condition # 16462, Part 2	Visual Observation of Source in Operation	Continuous	BAAQMD 6-1-301 and SIP 6-301	< Ringelmann No. 1 for 3 minutes in any hour	Continuous	N/A
Waste Received	BAAQMD Condition # 16462, Part 6a and b	Records of Amount of Waste Received	Periodic / On event basis	BAAQMD Condition # 16462, Part 1	< 225 tons per day and < 70,200 tons per 12-month period	Continuous	N/A
Waste Storage Time	BAAQMD Condition # 16462, Part 6a and c	Records of Date and Time for Waste Receipt and Processing	Periodic / On event basis	BAAQMD Condition # 16462, Part 3	< 4 days from receipt of waste	Continuous	N/A
Odorous Stockpile Storage Time	BAAQMD Condition # 16462, Part 6a and c	Records of Date and Time for Waste Receipt and Processing	Periodic / On event basis	BAAQMD Condition # 16462, Part 4	< 24 hours from the time the stockpile is deemed "odorous"	Continuous	N/A

