

**MONITORING REPORT
 APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS
 GUADALUPE ENERGY HOLDINGS LLC
 PERMIT NUMBER B1669
 SOURCES S-2, S-3, & S-4**

REPORTING PERIOD – January 1, 2012 through June 30, 2012

<u>Source Nos. S-2, S-3, & S-4</u>					
Type of Limit	Citation of Limit	Compliance Status	Type of Limit	Monitoring Requirement Citation	Monitoring Type
Opacity	BAAQMD 8-301	In Compliance	Ringelmann #1	Not Applicable	None Required
FP	BAAQMD 6-310	In Compliance	0.15 grains/dscf	Not Applicable	None Required
TOC	BAAQMD 8-34-301.2 SIP 8-34-301.1	In Compliance	1000 ppmy as Methane (component leak limit)	BAAQMD 8-34-501.6 and 8-34-303 SIP 8-34-503	Quarterly Inspection and Records
Non-Methane Organic Compounds (NMOC)	BAAQMD 8-34-301.4h	In Compliance	98% removal by weight OR < 120 ppmy dry @ 3% O ₂ , expressed as methane	BAAQMD Condition # 17777, Part 7 d-e	Annual Source Test & weekly CO & O ₂ testing.
SO ₂	BAAQMD 9-1-301	In Compliance	Property Line Ground Level Limits < 0.5 ppm for 3 minutes, < 0.25 ppm for 60 minutes, and < 0.05 ppm for 24 hours	Not Applicable	None Required
SO ₂	BAAQMD 9-1-302	In Compliance	< 300 ppm (dry) Emissions	BAAQMD Condition # 17777, Part 8	Sulfur Analysis of landfill gas only

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Type of Limit	Citation of Limit	Compliance Status	Type of Limit	Monitoring Requirement Citation	Monitoring Type
H ₂ S	BAAQMD 9-2-301	In Compliance	Property Line ground level limits < 0.06 ppm Averaged over 3 minutes and < 0.03ppm Averaged over 60 minutes	Not Applicable	None Required
Total Sulfur Content in Landfill Gas	BAAQMD Condition # 17777, Part 8	In Compliance	< 1,300 ppmv (dry)	BAAQMD Condition # 17777, Part 8	Sulfur Analysis of landfill gas only
NO _x	BAAQMD 9-8-302.2 and BAAQMD Condition # 17777, Part 3	In Compliance	Waste Fuel Gas, Rich-Burn 210 ppmv dry @ 15% O ₂	BAAQMD Condition # 17777, Part 7d	Annual Source Test & Quarterly Monitoring - Approval by Contract Order
CO	BAAQMD 9-8-302.2	In Compliance	Waste Fuel Gas: 2000 ppmv dry @ 15% O ₂	BAAQMD Condition # 17777, Part 7d	Annual Source Test & Quarterly Monitoring
CO	BAAQMD Condition # 17777, Part 4	In Compliance	740 ppmv dry @ 15% O ₂	BAAQMD Condition # 17777, Part 7d	Annual Source Test & Quarterly Monitoring
Emission Control System Shutdown Time	BAAQMD 8-34-113.2	In Compliance	<240 hours/year	BAAQMD 8-34-501.2	Records Engine Plant and Related Equipment Only

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Type of Limit	Citation of Limit	Compliance Status	Type of Limit	Monitoring Requirement Citation	Monitoring Type
Gas Flow	BAAQMD 8-34-301 and 301.1	In Compliance	Vent all collected gases to a properly operating control system and operate control system continuously.	BAAQMD 8-34-501.10 and 508	Gas Flow Meter and Recorder (every 15 minutes).
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Intermittent Compliance	15 Consecutive days/incident and 30 calendar days/ 12 month period	BAAQMD 1-523.4	Records of Inoperative Monitor Flow meters, calibrated 11/4-11/22 (K.W./hr. calculated flow continuous) previously reported.
Heat Input	BAAQMD Condition # 17777, Part 9	In Compliance	162 MM BTU/dry-engine and 177,390 MM BTU per 12-month period for all engines combined	BAAQMD Condition # 17777, Part 10(a)	Records
5-Year Recordkeeping	BAAQMD Standard Condition E	Intermittent Compliance	Requires Maintaining of required records for period of 5-years after	Regulation 3: MOP Volume II: Part 3, 4 7: BAAQMD 8-34-5-1.12	Any historical inoperative monitor represents missing records.

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 SOURCE S-5**

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<u>Source No. S-5</u>					
Type of Limit	Citation of Limit	Compliance Status	Type of Limit	Monitoring Requirement Citation	Monitoring Type
Opacity	BAAQMD 6-301	In Compliance	Ringelmann #1	Not Applicable	None Required
FP	BAAQMD 6-310	In Compliance	0.15 grains/dscf	Not Applicable	None Required
TOC	BAAQMD 8-34-301.2 SIP 8-34-501.1	In Compliance	1000 ppmv as Methane (component leak limit)	BAAQMD 8-34-501.6 and 8-34-503 SIP 8-34-503	Quarterly Inspection and Records
TDC	SIP 8-34-114	In Compliance	90% removal by weight	BAAQMD Condition # 17777, Part 7c	Annual Source Test
Non-Methane Organic Compounds (NMOC)	BAAQMD 8-34-301.4b	In Compliance	98% removal by weight OR < 120 ppmv dry @ 3% O ₂ , expressed as methane	BAAQMD 8-34-412 & 8-34-501.4 & Condition # 17777, Part 7 d-c	Annual Source Tests & Weekly CO & O ₂ Testing
SO ₂	BAAQMD 9-1-301	In Compliance	Property Line Ambient Level Limits < 0.5 ppm for 3 minutes, < 0.25 ppm for 60 minutes, and < 0.03 ppm for 24 hours	Not Applicable	None Required
SO _x	BAAQMD 9-1-302	In Compliance	< 300 ppmt (dry)	BAAQMD Condition # 17777, Part 8	Sulfur Analysis of landfill gas only

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<u>Source No. S-5</u>					
Type of Limit	Citation of Limit	Compliance Status	Type of Limit	Monitoring Requirement Citation	Monitoring Type
H ₂ S	BAAQMD 9-3-301	In Compliance	Property Line ground level limits < 0.06 ppm Averaged over 3 minutes and < 0.93 ppm Averaged over 60 minutes	Not Applicable	None Required
Total Sulfur Content in Landfill Gas	BAAQMD Condition # 1777, Part 8	In Compliance	< 1300 ppmv (dry)	BAAQMD Condition # 1777, Part 8	Sulfur Analysis of landfill gas only
NO _x	BAAQMD 9-8-312.2 and BAAQMD Condition # 1777, Part 3	In Compliance	Waste Fuel Gas, Rich-Burn 130 ppmv dry @ 15% O ₂	BAAQMD Condition # 1777, Part 7d	Annual Source Test & Quarterly Monitoring
CO	BAAQMD 9-8-302.3	In Compliance	Waste Fuel Gas: 2000 ppmv dry @ 15% O ₂	BAAQMD Condition # 1777, Part 7d	Annual Source Test & Weekly & Quarterly Monitoring
CO	BAAQMD Condition # 1777, Part 4	Intermittent Compliance	260 ppmv dry @ 15% O ₂	BAAQMD Condition # 1777, Part 7d	Annual Source Test & Weekly & Quarterly Monitoring. See 10-30 Day report attached for reference.

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Source No. S-5					
Type of Limit	Citation of Limit	Compliance Status	Type of Limit	Monitoring Requirement Citation	Monitoring Type
Emission Control System Startup Shutdown or Malfunction (Gas Skid Only)	40 CFR 60.755(e)	In Compliance	< 1 hour per event	40 CFR 60.7(b), 60.755(f)(2) and (f)(3), and 60.758(a)	Records of occurrence and duration
Gas Flow	BAAQMD 8-34-301 and 301.1	In Compliance	Vent all collected gases to a properly operating control system and operate control system continuously.	BAAQMD 8-34-501.10 and 508	Gas Flow Meter and Recorder (every 15 minutes).
Gas Flow	SIP 8-34-501 and 501.4	In Compliance	Vent all collected gases to a properly operating control system and operate control system continuously.	SIP 8-34-501.1	Gas Flow Meter and Recorder (every 15 minutes).
Gas Flow	40 CFR 60.755(i) and (e)	In Compliance	Vent all collected gases to a properly operating control system and operate control system at all times when gas is vented to it.	40 CFR 60.755(h)(2) (i or ii) and 60.758(c)(2)	Gas Flow Meter and Recorder (every 15 minutes).
Periods of Inoperation of Parametric Monitors	BAAQMD 1-523.2	Intermittent Compliance	15 Consecutive days/incident and 30 calendar days/ 12 month period	BAAQMD 1-523.4	Records of Inoperative Monitor Flow meters calibrated 11/4-11/22 (KWhr calculated flow continuous) Previously reported

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<u>Source No. S-5</u>					
Type of Limit	Citation of Limit	Compliance Status	Type of Limit	Monitoring Requirement Citation	Monitoring Type
Continuous Monitors	40 CFR 60.13(e)	In Compliance	Requires Continuous Operation except for breakdown, repairs, calibration, and required span adjustments	40 CFR 60.7(b)	Records of occurrence and duration
Heat Input	BAAQMD Condition # 17777, Part 9	In Compliance	324 MM BTU/day/engine and 118,260 MM BTU per 12-month period for all engines combined	BAAQMD Condition # 17777, Part III a-c	Records
5-Year Recordkeeping	BAAQMD Standard Condition 6	Intermittent Compliance	Requires Maintaining of required records for period of 5-years after	Regulation 3; MOP Volume II; Part 3, 4.7; BAAQMD 8-31-5-1.12	Any historical inoperative monitor represents missing records.

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 SOURCE S-7**

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<u>Source No. S-7</u>					
Type of Limit	Citation of Limit	Compliance Status	Type of Limit	Monitoring Requirement Citation	Monitoring Type
VOC Emission Limit	BAAQMD 8-2-301	In Compliance	15 pounds/day or 300 ppm, dry basis	BAAQMD Condition #18306 Part 4	Throughput Records
Throughput Limit	BAAQMD Condition #18306 Part 1	Intermittent Compliance	90,000 gallons of landfill gas condensate per 12-month period	BAAQMD Condition #18306 Part 4	Throughput Records Previously Reported Letter Attached