

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

**REPORTING PERIOD – July 1, 2013 through December 31, 2013**

<b>Source Nos. S-2, S-3, &amp; S-4</b>					
<b>Type of Limit</b>	<b>Citation of Limit</b>	<b>Compliance Status</b>	<b>Type of Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Type</b>
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 8-34-301.1	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
Non-Methane Organic Compounds (NMOC)	BAAQMD 8-34-301.4b	In Compliance	98% removal by weight OR < 120 ppmv dry @ 3% O <sub>2</sub> , expressed as methane	BAAQMD Condition # 17777, Part 7 d-e	Annual Source Test & weekly CO & O <sub>2</sub> testing.
SO <sub>2</sub>	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 <sub>2</sub>	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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H <sub>2</sub> S	BAAQMD 9-2-301	<b>In Compliance</b>	Property Line ground level limits < 0.06 ppm Averaged over 3 minutes and < 0.03 ppm Averaged over 60 minutes	Not Applicable	None Required
Total Sulfur Content in Landfill Gas	BAAQMD Condition # 17777, Part 8	<b>In Compliance</b>	< 1,300 ppmv (dry)	BAAQMD Condition # 17777, Part 8	Sulfur Analysis of landfill gas only
NO <sub>x</sub>	BAAQMD 9-8-302.2 and BAAQMD Condition # 17777, Part 3	<b>In Compliance</b>	Waste Fuel Gas, Rich-Burn 210 ppmv dry @ 15% O <sub>2</sub>	BAAQMD Condition # 17777, Part 7d	Annual Source Test & Quarterly Monitoring – Approval by Consent Order
CO	BAAQMD 9-8-302.3	<b>In Compliance</b>	Waste Fuel Gas: 2000 ppmv dry @ 15% O <sub>2</sub>	BAAQMD Condition # 17777, Part 7d	Annual Source Test & Quarterly Monitoring
CO	BAAQMD Condition # 17777, Part 4	<b>In Compliance</b>	740 ppmv dry @ 15% O <sub>2</sub>	BAAQMD Condition # 17777, Part 7d	Annual Source Test & Quarterly Monitoring
Emission Control System Shutdown Time	BAAQMD 8-34-113.2	<b>In Compliance</b>	<240 hours/year	BAAQMD 8-34-501.2	Records Engine Plant and Related Equipment Only

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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 9/16/13 to 10/22/13(KW/hr calculated flow continuous)
Heat Input	BAAQMD Condition # 1777, Part 9	In Compliance	162 MM BTU/day/engine and 177,390 MM BTU per 12-month period for all engines combined	BAAQMD Condition # 1777, Part 10 a-e	Recordkeeping Logs
Annual Performance Test	BAAQMD Condition #347 Item 4	In Compliance	Source must be tested no earlier than 9 months and no later than 12 months from the anniversary of the previous test date. Protocol must be submitted 14 days prior to testing.	BAAQMD Condition #347 Item 4	Source Testing completed within required timeframe.
5-Year Recordkeeping	BAAQMD Standard Condition E	In 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	Records of Submittal

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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 8-34-301.1	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
TOC	SIP 8-34-114	In Compliance	90% removal by weight	BAAQMD Condition # 17777, Part 7e	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 <sub>2</sub> , expressed as methane	BAAQMD 8-34-412 & 8-34-501.4 & Condition # 17777, Part 7 d-e	Annual Source Tests & Weekly CO & O <sub>2</sub> Testing.
SO <sub>2</sub>	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 <sub>2</sub>	BAAQMD 9-1-302	In Compliance	< 300 ppm (dry)	BAAQMD Condition # 17777, Part 8	Sulfur Analysis of landfill gas only

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H <sub>2</sub> S	BAAQMD 9-2-301	In Compliance	Property Line ground level limits < 0.06 ppm Averaged over 3 minutes and < 0.03 ppm Averaged over 60 minutes	Not Applicable	None Required
Total Sulfur Content in Landfill Gas	BAAQMD Condition # 17777, Part 8	In Compliance	< 1300 ppmv (dry)	BAAQMD Condition # 17777, Part 8	Sulfur Analysis of landfill gas only
NO <sub>x</sub>	BAAQMD 9-8-302.2 and BAAQMD Condition # 17777, Part 3	In Compliance	Waste Fuel Gas, Rich-Burn 130 ppmv dry @ 15% O <sub>2</sub>	BAAQMD Condition # 17777, Part 7d	Annual Source Test & Quarterly Monitoring
CO	BAAQMD 9-8-302.3	In Compliance	Waste Fuel Gas: 2000 ppmv dry @ 15% O <sub>2</sub>	BAAQMD Condition # 17777, Part 7d	Annual Source Test & Weekly & Quarterly Monitoring
CO	BAAQMD Condition # 17777, Part 4	In Compliance	260 ppmv dry @ 15% O <sub>2</sub>	BAAQMD Condition # 17777, Part 7d	Annual Source Test & Weekly & Quarterly Monitoring

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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), 60.757(f)(2) and (f)(3), and 60.758(e)	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 8-34-301 and 301.4	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 60.753(a) 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 60.756(b)(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	In Compliance	15 Consecutive days/incident and 30 calendar days/ 12 month period	BAAQMD 1-523.4	Engine 4 (S-5) did not operate in 2013.

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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 breakdowns, repairs, calibration, and required span adjustments	40 CFR 60.7(b)	Records of occurrence and duration
Heat Input	BAAQMD Condition # 1777, Part 9	In Compliance	324 MM BTU/day/engine and 118,260 MM BTU per 12-month period for all engines combined	BAAQMD Condition # 1777, Part 10 a-e	Records
Annual Performance Test	BAAQMD Condition #347 Item 4	In Compliance	Source must be tested no earlier than 9 months and no later than 12 months from the anniversary of the previous test date. Protocol must be submitted 14 days prior to testing.	BAAQMD Condition #347 Item 4	Testing not required during this reporting period.
5-Year Recordkeeping	BAAQMD Standard Condition E	In 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	Records of submittal

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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