

**MONITORING REPORT
 APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS
 GAS RECOVERY SYSTEMS, INC.
 PERMIT NUMBER B1668
 SOURCES S-2, S-3, S-4 and S-5**

REPORTING PERIOD – September 1, 2013 through December 31, 2013

Source Nos. S-2, S-3, S-4 and S-5					
Type of Limit	Citation of Limit	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Type
Performance of Annual ST	BAAQMD Condition # 338, Part 4	In Compliance	Perform ST within 12-months of last	BAAQMD Condition # 338, Part 4	Engines S-2, S-3 & S-4 did not operate during this reporting period. Engine S-5 was Source Tested on September 10, 2013.
NMOC	BAAQMD 8-34-301.4b	In Compliance	98% removal by weight OR < 120 ppmv dry @ 3% O ₂ , expressed as methane	BAAQMD Condition # 338, Part 4b	Annual Source Test
NMOC	40 CFR 60.752(b)(2)(iii)(B)	In Compliance	98% removal by weight OR < 20 ppmv dry @ 3% O ₂ , expressed as hexane	40 CFR 60.8 and 60.752(b)(2)(iii)(B) and 60.758(b)(2)	Initial Source Test and Records
Total Sulfur Content in Landfill Gas	BAAQMD Condition # 338, Part 5	In Compliance	< 1300 ppmv (dry)	BAAQMD Condition # 338, Part 5 P/W, M, or Q (Monthly if 3 months data < 1300 ppmv (dry), Quarterly if 1 year of data < 1300 ppmv (dry))	Sulfur Analysis of landfill gas only during Source Test and Quarterly Monitoring
Performance of Quarterly NO _x & CO Monitoring	BAAQMD 9-8-503	In Compliance	Performance of Quarterly NO _x & CO Monitoring	BAAQMD 9-8-503	Quarterly Monitoring
NO _x	BAAQMD 9-8-302.2 and BAAQMD Condition # 338, Part 2 and 4b	In Compliance	Waste Fuel Gas, Rich-Burn 210 ppmv dry @ 15% O ₂	BAAQMD Condition # 338, Part 4b	Annual Source Test & Quarterly Monitoring
CO	BAAQMD 9-8-302 BAAQMD Condition # 338, Parts 3	In Compliance	Waste Fuel Gas: 2000 ppmv dry @ 15% O ₂ 740 ppmv dry @ 15% O ₂	BAAQMD Condition # 338, Part 4d	Annual Source Test & Quarterly Monitoring

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Type of Limit	Citation of Limit	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Type
Emission Control System Shutdown Time during Maintenance or Inspections	BAAQMD 8-34-113.2	In Compliance	240 hours/year or any 5 consecutive days	BAAQMD 8-34-501.2 SIP 8-34-501.2	Records of occurrence and duration
Emission Control System Startup Shutdown or Malfunction	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
Combustion Temperature	40 CFR 60.758(c) (1)(i)	In Compliance	3-Hour Average Temperature no less than 28 °C below average temperature recorded during most recent complying performance test	60 CFR 60.756(b)(1) and 60.758(c)	Not Required per discussion w/ BAAQMD Permit Modification Submitted
Gas Flow	BAAQMD 8-34-301, 301.1 and 301.4	In Compliance	Vent all collected gases to a properly operating control system and operate control system continuously.	BAAQMD 8-34-501.10 and 508 (effective 7/1/02)	Gas Flow Meter and Recorder (every 15 minutes) or approved alternate method using KW-hr Output calculation.
Periods of In-operation for Parametric Monitors	BAAQMD 1-523.2	In Compliance	15 consecutive days/incident and 30 calendar days/12 month period	BAAQMD 1-523.4	Flow determined using BAAQMD approved KW-hr calculations during periods of flow meter inoperation.
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)	Operating Records

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Heat Input	BAAQMD Condition # 338, Part 6	In Compliance	162 MM BTU/day per engine for S-2, S-3, S-4 and S-5 236,520 MMBTU per 12-month period for all engines combined	BAAQMD Condition # 338 Part 7 a-e	Operating Records