

**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, 2012 through February 28, 2013**

<b>Source Nos. S-2, S-3, S-4 and S-5</b>					
<b>Type of Limit</b>	<b>Citation of Limit</b>	<b>Compliance Status</b>	<b>Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Type</b>
Performance of Annual ST	BAAQMD Condition # 338, Part 4	<b>Intermittent Compliance</b>	Perform ST within 12-months of last	BAAQMD Condition # 338, Part 4	Engines S-2 and S-3 did not operate during this reporting period and thus were not tested within the 1-year requirement. Testing for these engines will be performed within 60 days after startup.
NMOC	BAAQMD 8-34-301.4b	<b>In Compliance</b>	98% removal by weight OR < 120 ppmv dry @ 3% O <sub>2</sub> , expressed as methane	BAAQMD Condition # 338, Part 4b	Annual Source Tests
NMOC	40 CFR 60.752(b)(2)(iii)(B)	<b>In Compliance</b>	98% removal by weight OR < 20 ppmv dry @ 3% O <sub>2</sub> , 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	<b>In Compliance</b>	< 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 NOx & CO Monitoring	BAAQMD 9-8-503	<b>In Compliance</b>	Performance of Quarterly NOx & CO Monitoring	BAAQMD 9-8-503	Quarterly Monitoring
NOx	BAAQMD 9-8-302.2 and BAAQMD Condition # 338, Part 2 and 4b	<b>In Compliance</b>	Waste Fuel Gas, Rich-Burn 210 ppmv dry @ 15% O <sub>2</sub>	BAAQMD Condition # 338, Part 4b	Annual Source Test & Quarterly Monitoring
CO	BAAQMD 9-8-302 BAAQMD Condition # 338, Parts 3	<b>In Compliance</b>	Waste Fuel Gas: 2000 ppmv dry @ 15% O <sub>2</sub> 740 ppmv dry @ 15% O <sub>2</sub>	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	<b>In Compliance</b>	240 hours/year or any 5 consecutive days	BAAQMD 8-34-501.2 SIP 8-34-501.2	Facility Records Maintained
Emission Control System Startup Shutdown or Malfunction	40 CFR 60.755(e)	<b>In Compliance</b>	< 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)	<b>In Compliance</b>	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	<b>In Compliance</b>	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 Inoperation for Parametric Monitors	BAAQMD 1-523.2	<b>Intermittent Compliance</b>	15 consecutive days/incident and 30 calendar days/12 month period	BAAQMD 1-523.4	Time limits on period of inop. monitors exceeded due to calibrations. Flow determined using BAAQMD approved KW-hr calculations during those times.
Continuous Monitors	40 CFR 60.13(e)	<b>In Compliance</b>	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	<b>In Compliance</b>	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