

**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 – March 1, 2012 through August 31, 2012**

<u>Source Nos. S-2, S-3, S-4 and S-5</u>					
Type of Limit	Citation of Limit	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Type
Performance of Annual ST	BAAQMD Condition # 338, Part 4	Intermittent Compliance	Perform ST within 12-months of last	BAAQMD Condition # 338, Part 4	Engine 1 (S-2) tested after 1-year period due to engine being down and agency scheduling. Testing for Engine 3 (S-1) will be performed upon startup in accordance with agency testing schedule.
TOC (Total organic compounds plus methane)	BAAQMD 8-34-301.2 SIP 8-34-301.1	In Compliance	1000 ppmv as methane (component leak limits)	BAAQMD 8-34-501.6 & 8-34-503 SIP 8-34-503	Quarterly inspection & Records
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 # 338, Part 4b	Annual Source Tests
NMOC	40 CFR 60.752(b) (2)(iii)(B)	In Compliance	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	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 NOx & CO Monitoring	BAAQMD 9-8-503	In Compliance	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	In Compliance	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 9-8-302.3 BAAQMD Condition # 338, Part 3	In Compliance	Waste Fuel Gas: 2100 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

**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 – March 1, 2012 through August 31, 2012**

<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>
Emission Control System Shutdown Time during Maintenance or Inspections	BAAQMD 8-34-113.2 SIP R-34-113.2	In Compliance	240 hours/year or 12 hours/calendar month	BAAQMD 8-34-501.2 SIP 8-34-501.2	Facility Records Maintained
Emission Control System Startup Shutdown or Malfunction	40 CFR 60.755(c)	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) BAAQMD 8-34-509	In Compliance	3-Hour average engine temperature not less than 750 F	60 CFR 60.756(h)(1) and 60.758(c)	15 minute temperature data
Gas Flow	BAAQMD 8-34-304, 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 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	Flow meter out for calibration from 7/6/12 at 11:45 to 7/25/12 at 11:30. Flow determined using BAAQMD approved KW/hr calculations.
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

**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 – March 1, 2012 through August 31, 2012**

<u>Source Nos. S-2, S-3, S-4 and S-5</u>					
Type of Limit	Citation of Limit	Compliance Status	Limit	Monitoring Requirement Citation	Monitoring Type
Heat Input	BAAQMD Condition # 338, Part 6	In Compliance	162 MMBTU/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-c	Operating Records