

The Harrisburg Authority
Harrisburg Resource Recovery Facility
Monthly Operating Report
January 2009

Prepared by Covanta Harrisburg, Inc.

January 1, 2009 to January 31st, 2009

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1.0 Executive Summary

The Harrisburg Authority Monthly Resources Recovery Facility Report covers the period of January 1, 2009 to January 31, 2009.

REVENUE:

Although total volumes of material received for the month decreased, the total revenue increased due to the City of Harrisburg volume being direct billed commencing in January. The City of Harrisburg billing for January was \$434,073.

	January 09	December 08	Incr. (Decr.)
Disposal	\$1,384,739	\$1,011,736	\$373,003
Electric	283,163	271,606	11,557
Scrap	0	0	-
Steam	0	0	-
Total Revenue	\$1,667,902	\$1,283,342	\$384,560

WASTE VOLUMES:

Waste volume received for January was 14,889 tons which represents a decrease of 3,008 tons from December. Daily volume dropped from approx 715tpd to 608tpd.

BOILER AVAILABILITY:

- **Unit #1** – 33.1% availability – This unit was down for 2 ½ weeks for a scheduled outage. In addition this unit was in standby mode for 10.48% of the month due to the lack of material to process.
- **Unit #2** – 97.6% availability
- **Unit #3** – 94.7% availability – This unit was in standby mode for 4.54% of the month due to the lack of material to process.

TURBINE AVAILABILITY:

The turbine achieved 99.9% availability. 4,719 MWh were sold for January representing a 193 MWh increase from December`

FERROUS RECOVERY:

In January, 53 tons of ferrous metal was recovered from the WTE facility although no sales of material.

2.0 Operational Statistics

WASTE:

Tons Delivered: 14,889 (13,810 for Combustion; 1,079 for Transfer)

Total Waste Revenues: \$1,384,739

STEAM:

Steam Sold (NRG): 0 mlbs

Steam Revenues: \$0.00

ELECTRIC POWER:

MWh Sold (PPL): 4719.36

PWR Sold Revenues: \$283,162.80

SCRAP METAL:

Ferrous Tons (CSR): 53.19

Ferrous Revenues: \$ 0

3.0 O&M Activities

	Online	Stand By Mode	Total Availability
Boiler #1	10.5 %	22.6 %	33.1 %
Boiler #2	97.6 %	0 %	97.6 %
Boiler #3	90.2 %	4.5 %	94.7 %
T/G	99.9 %	0 %	99.9 %

Work Order Statistics

Work Order written for the month	127
Work Orders completed for the month:	53
Work Orders outstanding	481

Please note that last month we reported 581 outstanding work orders remaining in the system, since then we have completed a full review of the work order system and were able to reduce the total work order number.

Outstanding number does not include the construction list.

Major items for the month:

1. The last construction outage was taken on boiler # 1
 - a. #1 Transition Chute was rebuilt
 - b. #1 Drag Chain bearings were changed
 - c. #1 Feed Ram was rebuilt
2. B Boiler Feed Pump piping modification
3. Magnet was placed in service
4. B belt incline rollers, 8 were changed out & the belt was replaced
5. Repaired city water underground leak

Next Month

1. B Boiler Feed Pump Repairs
2. A & C Boiler Feed Pump piping modifications
3. Preparation for 3 boiler operation
 - a. cranes
 - b. belts, etc
4. Acceptance testing for facility.

4.0 Safety and Environmental

- ✓ OSHA Frequency Index = 0
- ✓ Incident Index= 0
- ✓ Two Employee Incidents:
 - (1) Off site 1st aid-sprain knee
 - (2) On site 1st aid-stepped on a nail
- ✓ Two Contractor Incidents:
 - (1) IIAR-slipped on embankment employee parking lot
 - (2) OSHA-slipped on steps south side of "B" ash belt, severe right wrist sprain

Compliance

The facility experienced a total of three (3) reportable air emission permit limit exceedances during the month of January 2009. All events were for CO.

Monthly PADEP Solid Waste inspection was performed on 1/28/08. The same two issues as in December were noted: the ash landfill height and the absence of curbing between the tipping floor and pit. The DEP inspector still did not feel them to be worthy of an NOV. DEP requested and was provided drawings of the curbing and they were told the curbing was in the bidding process. Three additional DEP personnel were present for the inspection. Ash carry out was noted outside the boundary of the ash landfill and they stated that to be a violation. It was not determined at the time if it would result in an NOV. DEP has yet to generate the reports.

The air quality Plan Approval re-approval was issued on 12/15/08. The Harrisburg Authority has yet to provide the official copy to Covanta.

EPA contractor, Chenega Integrated Systems, performed a site investigation concerning the acid spill of 9/24/07 to gather information to present to EPA. Additional information was requested at the site meeting, was due by 1/15/09 and was submitted on time. A second request for information was received following Chenega's meeting with EPA, was due by 1/27/09 and was submitted on time. The primary concern appeared to be the amount of time between discovery of the incident and when it was reported to PADEP and NRC.

Submitted 4th quarter construction plan update to The Harrisburg Authority for submittal to PADEP.

Monthly Events and Routine Reporting

- Collected December and quarterly ash sample on 1/5/09. Results indicate compliance with Form 41 requirements. Report was submitted to PADEP on 1/26/09.
- The monthly wastewater reports for December and the 4th quarter were submitted to Randy Schaffer at the City of Harrisburg Bureau of Sewerage on 1/9/09. The facility met its limits.
- The fourth quarter 2008 landfill groundwater and leachate report was submitted to PADEP on 1/9/09.

- POSCOR landfill mining project temporarily halted. Ash removal from site to an offsite landfill continues.
- ALSI performed January monthly sampling of Outfall 001 for wastewater discharge from D&D Building on 1/14/09.
- Analysis of the re-testing for hexavalent chromium for Unit #3 by Testar indicated that the Unit is in compliance.
- The fall 2008 source test report was submitted to PADEP on 1/6/09. It contained all results including the re-test for hexavalent chromium.
- The fourth quarter 2008 CEMS report was submitted to PADEP on 1/26/09.
- Notification of increased steam load for Unit #1 based on fall 2008 source testing was submitted to PADEP on 1/26/09.
- Notification of 2009 RATA and spring 2009 source test schedule sent to PADEP on 1/26/09.

5.0 MBE/WBE Participation

As of January 31st there were Forty Five (45) workers employed by Covanta at the facility.

City Residents 20% Total City Employees			Minority Employees 27% Total Employees			Women 7% Total Employees		
Afro-American	6	67%	Afro-American	8	67%	Afro-American	1	33 %
Caucasian	2	22%	Female	3	25%	Caucasian	2	67 %
Hispanic	1	11%	Hispanic	1	8%			
TOTAL # City Residents	9	100%	TOTAL # Minority Employ.	12	100%	TOTAL # Women	3	100%