

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

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September 1st, 2009 to September 30th, 2009

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1.0 Summary

This Harrisburg Resources Recovery Operating Report covers the period of September 1, 2009 to September 30, 2009.

WASTE VOLUMES:

Waste volume received for September was 24,880 tons which represents a increase of 3,189 tons from August. 6,597 tons of long-haul spot waste was received in September.

Covanta continues to work in conjunction with THA personnel in the effort to secure additional waste flow for the facility.

ENERGY SALES:

The current energy sale agreement with PP&L expires on 12/31/09. Covanta corporate resources are assisting THA personnel with the renegotiation of the Power Purchase Agreement.

OUTAGE ACTIVITY:

There was no outage activity for the month of September. An 8 day outage on Unit #3 is scheduled for Mid-October. Additionally, there is a 3 day Black Plant outage scheduled for October 19 through October 21. This outage is for PP&L circuit breaker maintenance.

COMMUNITY ACTIVITY:

- Covanta Harrisburg has donated supplies to a local day care center that was negatively affected by the budget impasse.
- Covanta Harrisburg sponsored a fund raising event for the Gaudenzia Foundation and the Woodside Family Center.
- Covanta Harrisburg sponsored a fund raising event for the Neighborhood Center.
- Covanta Harrisburg continues to support the fund raising activities of Centenary UM Church, Steelton, PA.
- Covanta Harrisburg performed a clean-up of a portion of the Harrisburg Greenbelt recreation trail and Spring Creek. Approximately two tons of trash and debris were removed.
- Covanta Harrisburg was a sponsor of the 1st Statewide Environmental Justice Conference.

2.0 Production and Performance Summary:

From: 01-Sep-2009 To: 30-Sep-2009

DESIGN DATA

		No. Operating Units	3
Refuse (TPD)	800	HHV (Btu/lb)	5,200
Steam (lb/hr)	205,710	Turbine (MW)	20.843
Steam Press (psig)	600	Stm Temp (deg F)	750
Gross KWH/Ton	560	Net KWH/Ton	470

PRODUCTION

	UNITS	ACTUAL PRODUCTION VALUES	
Refuse Received	Tons	24,880	829 TPD
Non-Processible Waste	Tons	1,218	41 TPD
Refuse Processed	Tons	23,287	776 TPD
Supplemental Waste	Tons	20	0.1 % of Refuse
Ash	Tons	7,232	31.1 % of Refuse
Ferrous	Tons	597	2.6 % of Refuse
Steam	klbs	136,441	92.1 % of MCR
Steam Exported	klbs	0	0.0 Lbs Steam/Ton
Gross Electric	MWH	10,278	441.4 KWH/Ton
Net Electric	MWH	8,133	349.3 KWH/Ton

UTILITIES

	UNITS	ACTUAL	UTILITY PER TON OF REFUSE	
In-plant Power	MWH	2,145	92.1	KWH/Ton
Purchased Power	MWH	0	0.0	KWH/Ton
Aux Fuel Oil	kgals	0.00	0.0	Gal/Ton
Aux Natural Gas	kCuFt	546	23.4	CuFt/Ton
Waste Water	kgals	10	0.4	Gal/Ton
Make-up	kgals	1,750	75.1	Gal/Ton
Make-up	% of Steam	10.68		
Potable Water	kgals	17,000	730.0	Gal/Ton
Hydrated Lime	Tons	999	85.8	Lbs/Ton
Urea	Gals	2,696	0.12	Gal/Ton
Carbon	Tons	20	1.7	Lbs/Ton

PERFORMANCE

	UNITS	CALCULATED	TUBE LEAK INCIDENTS	
			Monthly	YTD
Refuse HHV	Btu/lb	4,486		
Refuse Processed	Ref Tons	20,090	0	0
Refuse Processed	Ref TPD	670		
Gross Energy Rec.	KWH/Ref Ton	511.6		
In-plant Elec.	KWH/Ref Ton	106.8		

AVAILABILITY

	UNITS	MONTHLY AVAIL.	YTD AVAIL.	MONTHLY TIME ON-LINE	YTD TIME ON-LINE
Boiler 1	%	93.6%	79.0%	78.2%	69.5%
Boiler 2	%	95.7%	83.4%	95.7%	75.3%
Boiler 3	%	100.0%	87.4%	96.2%	85.4%
Avg. Boiler Availability	%	96.4%	83.3%	90.0%	76.7%
Turbine	%	99.9%	98.7%	99.9%	98.7%

3.0 MBE/WBE Participation

As of September 30, there were Forty Six (46) workers employed by Covanta at the facility.

City Residents 13 % Total City Employees			Minority Employees 28 % Total Employees			Women 7 % Total Employees		
Afro-American	4	67 %	Afro-American	8	61 %	Afro-American	1	25 %
Caucasian	1	17 %	Female	4	31 %	Caucasian	3	75 %
Hispanic	1	16 %	Hispanic	1	8 %			
TOTAL # City Residents	6	100%	TOTAL # Minority Employ.	13	100%	TOTAL # Women	4	100%