

**FINAL MINUTES**  
**Waste-to-Energy Facility Monitoring Group**  
**MEETING**

**Wednesday, March 20<sup>th</sup>, 2013**  
**Alexandria/Arlington Energy-from-Waste Facility, Eisenhower Ave**  
**8:30 a.m. – 11:30 a.m.**

The Facility Monitoring Group, staff, and HDR representatives present included Yon Lambert, Morgan Rount, Mark Schwartz, Erik Grabowsky, Alaeedin Mohamed, Barbara Wiley, Alton Weaver, Don Castro, Kyle Perrin and Susan Raila. Michael Renga and Bryan Donnelly attended the meeting from Covanta.

**I. Comments on Agenda**

There were no comments on the agenda.

**II. Approval of Final Minutes from the January 9<sup>th</sup>, 2013 Facility Monitoring Group Meeting (see attached).**

Rount made a motion to approve the minutes, and Grabowsky seconded the motion, and the minutes were approved unanimously.

**III. Requisitions for Payment**

The requisitions for payment for January/February 2013 invoices that were submitted for approval totaled \$9,648.34. This included the January/February 2013 HDR (Engineering) invoice for \$3,117.00, the January/February 2013 HDR (Consulting) invoice for \$5,781.34, and the 2013 Membership dues from the Energy Recovery Council for \$750.00. Schwartz made a motion to approve the invoices, Rount seconded, and the invoices were approved unanimously.

**IV. HDR Operations and Facility Status**

Discussion of Quarterly Report and Facility Performance to Date

Castro and Perrin had done a walk through of the facility the prior day. Castro said that the facility had just come out of back-to-back outages (2 boiler outages) and the end of January/early February. The facility was reasonably clean, given the recent outages. The tipping

floor was very full and there was only one bay open for tipping. Donnelly noted that two bays were open on the day of the meeting. Grabowsky said that during the outage, there were some problems with long queues, and that Covanta needs to communicate better with the Jurisdictions to let them know that, so that they can adjust their deliveries, when possible.

Castro noted some construction work where a storm sewer line was being worked on, and there was an open cut, covered with steel plates. He noted that the facility was in good condition and operating well. He passed out some of the graphics of the facility metrics, and noted that the ash quantity is as low as it has ever been, and that the new semi-dry system is doing its job well. Steam production is higher, and the heating value of the waste is good. The turbines are performing well, and energy production is good. The electrical generation is the same as it was last February, although last February had an extra day.

Renga said that the Virginia DEQ approved a modular unit for secondary reclamation of non-ferrous metals in Fairfax. It was mentioned that the ash rebate credit will be smaller next year. Castro noted on the graphic of the sulfur dioxide emissions, that the SO<sub>2</sub> levels have gone down, and pebble lime usage has also gone down. Schwartz asked what components of the waste stream have sulfur, and Don responded: paper, drywall, rubber, etc. Ammonia consumption is coming down from the high levels used in December, and carbon consumption is down quite a bit from prior years, when carbon was paid for by the Trustees. Donnelly said he would look at those numbers, since he thought it was fixed at 16lbs/hr. Carbon monoxide emissions remain within a normal range.

Castro discussed the use of dolomitic lime vs. pH. He stated that the pH should be in a range neither too high nor too low, so the use of the dolo lime would adjust to ensure being within that range. Renga noted that with the semi-dry ash, there was less ash, and hence less lime, and the total ash disposed was decreased.

Perrin indicated that the plant was looking good. It was noted that the area by the truck entrance will need to be repaved after the construction work is done. Schwartz asked Covanta how business was, and he said that the facility was losing tonnage to the Fairfax facility and that in his opinion, more waste was going to Fairfax from Alexandria and Arlington, than the other way around.

Renga agreed to let the Jurisdictions know about any outages in advance, and agreed to communicate with them on issues that would affect their waste deliveries.

## **Covanta Items**

### A. Stack Testing/ Ammonia Slip Test

Stack testing will be undertaken next week, at which time they will be doing a slip test. They will give additional guidance if there is slippage. Donnelly will send Castro the stack test summaries, when available.

### B. Tonnages

The Jurisdictions indicated that they would like to adjust the bandwidth down slightly for deliveries of waste in FY2014, starting July 1, 2013. The new range will be 48,000 to 68,000 tpy, and Raila will prepare the draft letter for the FMG.

## **V. Old Business**

Renga asked about the independent economic study. Lambert stated that they will have the consultant on board very soon. Renga noted that the year-end reconciliation is in the process of being done, and there should be an auditor's report soon.

It was noted that there is boring taking place underneath the roadway for the Fire Station next door and Renga was asked if the Fire Department has been responsive, which he said that they were.

## **VI. New Business**

### A. Legislative Issues

Renga indicated that the Covanta partner's meeting would be held in Washington D.C. on May 21<sup>st</sup>, and there would be a congressional fly-in planned for May 22<sup>nd</sup>.

Castro brought up the EPA new start up/ shut down malfunction rule, where certain excursions may no longer be considered excusable. A facility will no longer be able to report the same malfunction repeated times, and EPA has told the states that they need to change their State Implementation Plans. Discussion on this issue will continue.

### B. Public Initiatives

Renga mentioned the letter that had been sent to the FMG members concerning the year end performance of the facility.

Renga noted some of the initiatives that Covanta will be involved with in March and April:

- March 11<sup>th</sup> – Fire station meeting
- March 18<sup>th</sup> – an RFP will be coming out on exploring waste-to-energy in Washington D.C. Their waste currently goes to the Fairfax facility. Renga thought that this might be a long-shot in terms of actually moving forward.
- Tour by Pentagon officials who may want to outsource for document disposal. Renga mentioned that there appears to be a growth in Supplemental waste locally, but that for document disposal, security clearances are required, so this could be a long process.
- March 23<sup>rd</sup> – The new Leaf electric car will be at the City Council retreat at 2900 Business Center Drive.
- April 12<sup>th</sup> – American Council on Renewable Energy meeting
- April 15<sup>th</sup> – National Defense Council tour
- April 20<sup>th</sup> – Earth Day
- April 26<sup>th</sup> – the Alexandria City Manager’s Tour, which needs to be coordinated with Arlington.

**On a motion by Routt, seconded by Grabowsky, the meeting adjourned at 10:32 a.m.**

**The next Facility Monitoring Group Meeting has been changed to Thursday, May 16<sup>th</sup>, 2013 at the Alexandria Maintenance Facility on Business Center Drive. This was subsequently changed to June 12<sup>th</sup>, at the Alexandria Maintenance Facility.**