

# CHESTER COUNTY SOLID WASTE AUTHORITY

## *Work Session — Lanchester*

*February 17, 2011*

1. **Call to Order:** Bob Schoenberger, Chairman, called the February 17, 2011 *Work Session* Meeting of the Chester County Solid Waste Authority to order at 5:30 p.m.

Authority Members Present

Bob Schoenberger  
William H. Shirk  
Peter Marroletti  
Vince Carosella  
Carmen Battavio

Authority Members Absent

Peter Knipe  
Ramsey G. DiLibero

Management and Staff Present

Bob Schoenberger  
William H. Shirk  
Peter Marroletti  
Vince Carosella  
Carmen Battavio

Solicitor

Peter Knipe  
Ramsey G. DiLibero

2. **Chairman's Announcements/Public Comments.**

The Chairman said there were two Executive Session items that would be held until the end of the meeting. One item would deal with personnel and the other with Host Agreement negotiations. The Chairman said next month there will be a *Combined Session Meeting* next month on the 31<sup>st</sup> at Lanchester.

3. **Meeting Minutes.** The minutes of the *Combined Work Session & Regular Meeting of December 16, 2010 and the Work Session Meeting Session of January 20, 2011 and the Regular Session Meeting of January 27, 2011 and the Special Meeting of February 2, 2011* are in the Board Book for approval at the *Regular Session Meeting* next week.

4. **Executive Director's Report.**

**A. Monthly Activity Report:** Mr. Watts said he would like to discuss a few items contained in his monthly report in Section 4A. Mr. Watts said he was forwarded an email from G & C Waste Services, Inc. concerning obtaining a certificate to pick up waste in Chester County. Mr. Watts informed them that Chester County is a flow control county and that waste must be disposed of at one of the two primary disposal facilities. Mr. Watts said he and a number of employees attended three days of training this week to learn how to manage our new web site. The new web site is scheduled to go live the second week of March.

**B. Senior Staff Memos:** Mr. Watts said the Board members could read the Senior Staff Meeting Minutes contained in Section 4B at their leisure.

**C. News Articles:** Mr. Watts said this section contains a copy of news articles on the appointment of Ryan Costello to complete Carol Aichele's term as Chester County Commissioner. *Waste Age* article on the 3.2% decline in waste generation across the US in 2009 from 2008. This is the first time the total quantity of waste generated in the US has declined. This section included an article and picture of an award winning design of a proposed waste to energy plant in Denmark. The plant building is about 100 feet high and will host three artificial ski slopes and high tech emissions monitoring. The last article in this section was on Lancaster County Solid Waste Management Authority's plans to explore a rail route from their transfer station to their waste to energy plant in Manor Township.

**D. Thank You Letters:** Mr. Watts said this section contains a copy of the thank you letter from Honey Brook Borough for the extra \$5,000 the Authority sent them at the end of 2010. The second item in this section was front of a playbill of a play put on by the Vagabond Acting Troupe that thanked the Authority for their generous donation.

**E. Request for Donation:** Mr. Watts said this section contains a letter from the Vice President of the United Way of Chester County asking the Authority to become corporate contributor.

**F. Tower One Proposal:** Mr. Watts said this unsolicited proposal was forwarded to him by Honey Brook Township. Tower One builds cell towers and pays the landowner a monthly royalty.

**G. Proposed New Job Descriptions – Executive Session:** Mr. Watts said with the retirement of Mr. Myer last summer he is proposing that his two assistants and Mr. Watts take on the duties of the Superintendent. This section contains the new organizational chart and job descriptions. Mr. Marroletti moved and Mr. Carosella seconded approving the two new job descriptions - Operations Manager and Operations/Wildlife/Livestock Manager. The vote was unanimous.

**H. Property Value Guarantee Policy:** Mr. Watts said this section contains a copy of a letter he sent to the Caernarvon Township Supervisors explaining the delay in sending them an Area E Host Agreement to them for their review. This letter also explained the new Authority Policy on third party sale incentive for the Property Value Guarantee Agreement (PVGA). They were also informed that the Area D PVGA would be honored through 2014.

**I. Area E Host Municipality Agreement – Executive Session:** Was discussed in Executive Session. The Board directed Mr. Watts to make the changes discussed for review next week.

**J. Chester County Waste Destinations 4<sup>th</sup> Quarter:** With the approval of the Chester County Municipal Waste Management Plan Revisions by the PADEP in September 2010 and the approval of the Designated Site Ordinance by the Chester County Commissioners in October 2011 these facilities could be in violation of the updated plan and ordinance based on recently published PADEP data. Mr. Battavio moved and Mr. Carosella seconded instructing the Solicitor to send out Warning Notices to the facilities outlined in Mr. Watts' February 17, 2011 memo to the Board.

**5. Operations/Site Development Report:**

**A. Monthly Activity Report:** Mr. Watts said the landfill gas flow has been in the 2,800 CFM range and Granger Energy continues to operate one generator on and off due to customer demand for landfill gas. We recorded 1.89' of melted precipitation for January. Most operations have been routine for the month. We did plow snow and had Green Start pick litter for almost 400 hours in January. We did purchase a small ride on sweeper for the Small Load Facility. We have also ordered new water and fuel trucks through state contracts. We have also had Lyons & Hohl equipment and operators on site helping us remove the soil from the Area B cap in preparation for waste disposal in Area D-2 that abuts Area B. This section also includes the cost to cover report and a copy of Joe Cutter's January inspection report.

**6. Facility Engineer's Report:**

**A. Monthly Activity Report:** The Monthly Engineer's Report for February 2011 was presented to the Board. The following items were presented in the verbal report.

- During this report period a meeting was held with Granger Energy and Drillmore Construction on February 1, 2011 concerning the proposed work scope and schedule. A cost proposal from Drillmore Construction is expected before the end of this month.
- During this report period Ludgate completed the topographic field survey of the active landfill; delivered a draft sewer and water system extension report; updated the survey needed for the Area E design phase engineering, attended the February 9, 2011 meeting.
- A project kick-off meeting with the ARM Group for the Area E, Stages 1A, 1B & 2 Design Phase was conducted on February 9, 2011.
- A project kick-off meeting with Barton and Loguidice for the Woody Vegetation and Landfill Landscape Planning is scheduled for February 28, 2011.
- A meeting with Geosyntec Consultants has conducted on February 4, 2011 for the purpose of discussing Geosyntec's final fee for Area E Permitting Phase Services. A settlement offer of \$30,000 was proposed.
- The permit modification for the Area E landfill expansion was issued by PADEP on January 21, 2011.

- On February 2, 2011 I received an inquiry from Granger Energy concerning the purchase and delivery of the new electrical equipment needed for the flare station relocation. Granger Energy indicates that they prefer to select and purchase the new electrical equipment. Granger Energy is uncertain how their contribution of equipment on a public works project can be arranged. The inquiry was forwarded to Attorney Pompo for review and consideration. In response Attorney Pompo has proposed several options. These options are currently under consideration.

**B. Major Permit Modification, Area E Expansion:** A copy of the January 21, 2011 Major Permit Modification for the Area E Expansion was presented to the Board.

**C. ARM Group Inc. – Monthly Status Report:** A copy of the Monthly Status Report from the ARM Group dated February 15, 2011 was presented to the Board for review.

**D. SCS Engineers – Monthly Progress Report:** A copy of Progress Report No. 8 from SCS dated February 15, 2011 concerning the Cell D2 LFG Collection System Expansion and the Flare Station Relocation was presented to the Board. The report included a progress schedule for the flare relocation.

**7. Water Management’s Report:**

**A. Monthly Activity Report:** The following is the report for Water Management.

**JANUARY HIGHLIGHTS:**

- January 2011 landfill leachate 367,599 gallons (includes gas condensate)
  - Leachate by area breakdown:
  - Area C 110,972 gallons
  - Area B 94,251 gallons
  - Area D-1 122,366 gallons
  - Area D-2 173,166 gallons
  - Area D-3 29,459 gallons
  - Granger gas condensate 13,040 gallons
- January 2010 landfill leachate 529,987 gallons
- January 2011 Rainfall 2.75”

**LEACHATE INVENTORY UPDATE: (As of February 1, 2011)**

T-101 Leachate Storage Tank	- 450,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 442,000 gallons	capacity – 850,000 gallons
T-100 Equalization Tank	- 110,000 gallons	capacity – 110,000 gallons
Total Leachate Inventory	- 1,002,500 gallons	capacity – 1,810,000 gallons

Total percent of storage utilized - 56 %

## LEACHATE COLLECTION SYSTEMS

Currently the Leachate collection system is 100% operational.

## RECIRCULATION SYSTEM

- 226,400 gallons was recirculated during the month of January 2011. Recirculation for the month was into the leachate blankets and trenches.

### Recirculation to date: 2/1/2011

Trench #	Recirculated (gal)	Maximum (gal)	
A	-----	-----	This Trench is closed
B	-----	-----	This Trench is closed
C	1,506,151	1,888,720	
D	1,450,322	1,783,398	
E	1,490,754	2,631,930	
F	2,899,041	3,682,875	
G	3,001,172	5,066,750	
H	1,204,602	5,687,500	
<b>Total</b>	<b>12,710,033 (gal)</b>	<b>21,681,836 (gal)</b>	

Remaining Trench Capacity – 8,971,803 gallons

Blanket #	Recirculated (gal)	Maximum gallons/year
1	57,802	1,250,000
2	56,334	1,250,000
3	61,265	1,250,000
4	50,999	1,250,000
<b>Total</b>	<b>226,400 (gal)</b>	<b>5,000,000 (gal)</b>

## LEACHATE TREATMENT PLANT (UFRO SYSTEM)

- The UFRO Treatment System is currently operational and is performing well. The UF system is operating at an average of 8.7 gpm and the RO system is operating at an average flow rate of 10.6 gpm. New RO Membranes were installed at the end of January due to the BOD results indications. The plants 31 day average is approximately **3,447 gpd**.

The RO unit produced – **96,503** gallons of permeate during January 2011

MONTHLY COST ESTIMATE	\$3,884.19
Monthly Electric	\$2,711.36
<b>Total</b>	<b>\$6,595.55</b>
<b>Cost Per Gallon</b>	<b>\$0.07</b>

## **GROUND WATER INVENTORY UPDATE: 2/1/2011**

- Ground Water Storage Pond – 710,000 gallons 88.75% of capacity
- The Ground Water Storage Pond maintained a manageable level during January 2011.
- Total Ground Water received for January 2011 – 11,310 gallons.

## **NPDES PERMIT COMPLIANCE –**

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated May 27, 2009 – The NPDES DMR Outfall 001, 100 and Outfall 101 for January 2011 will report full compliance with the 2009 NPDES Permit. All Monitored Parameters were below required discharge limits. 0 gallons from the effluent equalization tank (Outfall 100) of treated permeate and 305,100 gallons of groundwater (Outfall 101) was discharged to (Outfall 001). A total of 305,100 gallons was discharged to the Conestoga River (Outfall 001) during January 2011.

### **8. Compliance Officer's Report:**

**A. Monthly Activity Report:** Ms. Devine that there were two radiation alarms since the last meeting. Both loads were household waste. One was from West Chester/West Goshen and the other was from Downingtown. The isotope was identified as I-131 and the loads were landfilled.

Ms. Devine mentioned that she submitted the annual Title V Compliance Certification to EPA and DEP prior to the January 31<sup>st</sup> requirement. Ms. Devine also sent email reminders to residual waste generators that they must submit the Form 26R to DEP and CCSWA prior to March 1, 2011.

Ms. Devine also mentioned that there are new underground storage tank operator training requirements and that she was in contact with a local firm that conducts the training courses that will be needed.

Ms. Devine stated that remainder of her activities for the past month was included in her report.

### **9. Recycling Coordinator's Report:**

**A. Monthly Activity Report:** Ms. Fromnick provided a list of meetings and events attended during the past month. Meetings highlighted: Victory Brewing is considering food waste composting at Arborganic Acres, Coatesville requests assistance as they re-bid their trash and recycling contract and hope to improve their recycling program.

**B. Correspondence:** Among the items listed, Ms. Fromnick commented that many haulers, processor and municipal recycling reports have been received and DEP notification was received granting HHW reimbursements to the CCSWA in the amount of \$1,337.24 and the County \$73,601.97.

**C. Projects:** Work continues on the 2010 Annual Recycling Report, the 2011 HHW Collection Program, Master Composting Classes, contest coordination and website redesign. It was reported that the Chamber Green Business Award presentation was successful and a waste audit training, to be advertised through the Chamber, is scheduled for October. Facility directors, company principals and municipal officials will be invited to participate.

#### **10. Business Manager's Report.**

**A. January 2011 Monthly Tonnage Report:** Mr. Gorney presented the Tonnage Report for January 2011, indicating that the tonnage of 21,027.53 was 7.5% under budget and was lower than January 2010 by 3.3%.

**B. January 2011 Accounts Receivable:** Mr. Gorney stated that receivables day sales outstanding increased from 34.40 days in December 2010 to 34.78 days in January 2011. Mr. Gorney stated that the increase was due to slower payments from several accounts.

**C. January 2011 Financial Statement:** Mr. Gorney presented the Financials for January 2010 stating that we had a gain of \$347,669 for the month. Retained Earnings are at \$45,067,413. The funds invested totaled \$40,793,345 at month end. The interest earned in January 2011 was at a rate of 0.53% slightly under the 0.55% in December 2010.

**D. January 2011 Vendor Check Register Report:** The Vendor Check Register was presented to the Board. The checks for January 2010 totaled \$1,662,298.67.

**E. Large Dollar Check Approvals:** Mr. Gorney presented the February 2011 Large Dollar invoices totaling \$115,450.00, consisting of the attached schedule 10E. Mr. Carosella made a motion to accept the Large Dollar Invoices as presented; Mr. Battavio seconded the motion. The motion was carried by a unanimous vote.

**F. Collateral Bond Rollover - \$3,825,000.00:** Mr. Gorney presented the rollover of the \$3,825,000.00 in a U.S. Treasury Note. Mr. Carosella made a motion to approve the Resolution as presented; Mr. Battavio seconded the motion. The motion was carried with a unanimous vote.

**G. Administration New Hire – *Executive Session*:** Mr. Gorney presented the proposal to fill the budgeted position for the subject new hire. Mr. Marroletti made a motion to approve the Resolution as presented; Mr. Shirk seconded the motion. The motion was carried with a unanimous vote.

There being no further business, the meeting was adjourned at 7:01 p.m. to Executive Session. The Board came out of Executive Session at 7:19 p.m. and adjourned for the evening.

Prepared by,

Peggy A. Cunius