

CHESTER COUNTY SOLID WASTE AUTHORITY

Work Session — Lanchester

September 20, 2012

1. **Call to Order:** Bob Schoenberger, Chairman, called the September 20, 2012 *Work Session Meeting* of the Chester County Solid Waste Authority to order at 5:30 p.m.

Authority Members Present

Bob Schoenberger
Peter Marroletti
Peter Knipe
Ramsey G. DiLibero
William H. Shirk

Authority Members Absent

Vince Carosella
Carmen Battavio

Management and Staff Present

Robert A. Watts
Gary Laird
Teresa A. Devine
Nancy Fromnick
Jim Gorney

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman had no announcements.

3. **Meeting Minutes.** The minutes of the August 23, 2012 *Work Session Meeting* and the August 30, 2012 *Regular Session Meeting* will be approved at next week's *Regular Session*.

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

A. Monthly Activity Report: Mr. Watts said he wanted to remind the Board Members about the Open House Saturday, October 6th from 9 a.m. to 1 p.m. Mr. Watts said he was nominated and elected to another year as a Board Member of Professional Recyclers of Pennsylvania. Mr. Watts said he presently serves as the President of their Board. Mr. Watts said he met with the solar developers of the Mt. Top Landfill project. The project has been reduced in size, but is still on track for construction next summer. Mr. Watts said he recently toured the Veolia ES Lancaster C&D Landfill. Mr. Watts said all but one of the rental properties is rented. Mr. Watts said he had listed here two properties that are for sale that are eligible for the Area E Property Value Guarantee Agreement (PVGA), but there was a third one listed today. Mr. Watts said he and the Solicitor had been contacted by one of the owner and their attorney, but they decided not to activate PVGA at this time. Mr. Watts said he had not received any of the required paper work for the PVGA from the other two properties either.

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. Solid Waste News: Mr. Watts said there were two articles in this section concerning West Whiteland Township waste and recycling collection system. It appears that they are retaining their Pay-as-You-Throw system and continuing to charge \$3.00 per bag. An article in this section was about Covanta forming a Joint Venture to recycle metals from ash landfills.

D. Thank You Letters: Mr. Watts said this section contains thank you letters from the Boards recent donations to the Brandywine Valley Association, Honey Brook Community Library, Honey Brook Elementary Center, Eastern Lancaster County Library, Lancaster County Conservancy and the Caernarvon Historical Society.

E. CCSWA Letter To Granger Energy Services: This letter was in response to the Notice of Violation CCSWA received as a result of their operation of one of the flares and associated recording equipment. We requested from Granger monthly copies of their Flare Inspection and Maintenance Log Sheets. We also asked them to develop minimum training requirements for their operators of the flares as wells as standard operating procedures for the flares. Mr. Watts also asked Granger to send a representative to the October *Work Session Meeting* to discuss their new procedures. They have also agreed to send a representative to the October first meeting of the Caernarvon Board of Supervisors Meeting.

The Board went into Executive Session at 5:50 p.m. to discuss property purchase and draft agreements. The Board adjourned Executive Session at 6:00 p.m. and returned to Regular Session.

5. Operations/Site Development Report:

A. Monthly Activity Report: Mr. Watts said landfill gas is flowing at about 3,100 cfm. We received 4.72” of rain for August. Mr. Watts said most of the activities for the

month were routine and the inspection report from PADEP is included in this section and was good. We are preparing portions of the north and south slopes for seeding in the next week. Mr. Watts said our contractor completed most of the wildlife enhancements around Sedimentation Pond 7, but they ordered the aquatic plants too late for planting this year as planned - so they will have to wait until spring to plant. Mr. Watts said the cost to cover waste was high this month due to building a new access road and there was only about 1,000 tons of ash received in August as alternate daily cover.

6. Facility Engineer's Report:

A. Monthly Activity Report: Mr. Watts said Mr. Esterly was on vacation this week so he would give his report tonight. Mr. Watts said he had an update for section 2.1 of the report. Mr. Watts said he and Thom Ludgate meet with the engineer of the September Farms Cheese Café in Honey Brook yesterday to discuss the sewer line construction. Mr. Watts said they informed him that the earliest we would anticipate the construction to be complete would be in late 2013. The engineer said his client was planning to start construction as early as next week and would probably go ahead on their own to connect to the sewer. Mr. Watts said staff had reviewed and met with the ARM Group on the Area E, State 2 thirty percent complete drawings. We are still on schedule to bid this project out this winter with construction to start in the spring of 2013. Mr. Watts said from the more detailed planning on how to access Area E cell 1 for waste filling it was determined that more MSE berm and half of cell 2 would need to be constructed in this phase. Mr. Watts said Mr. Gorney would discuss the financial impact of this change later in the meeting. Mr. Watts said the Board could read the rest of Mr. Esterly's report and the two reports from the ARM Group when they had time and could contact him next week if they had any questions.

D. 2012 LFG System Expansion – SCS Proposal: Mr. Watts said as we continue to fill in Area D there is a need for six more vertical LFG extraction wells and the replacement of four existing wells that are no longer functioning as designed. Mr. Watts said SCS proposes to design the system expansion and assist with bidding for \$14,900.

E. Alternate Cover Demonstration Design Phase – Cost Proposal Summary: Mr. Watts said this section contained a table of the cost proposals from the five engineering firms that submitted proposals. Mr. Watts said the ARM Group submitted two proposals and the lower cost proposal was based on this work to be combined with the Area E Phase 2 Construction Contract.

7. Water Management's Report:

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

AUGUST HIGHLIGHTS:

- August 2012 landfill leachate 446,825 gallons (includes gas condensate)
 - Leachate by area breakdown:
 - Area C 182,237 gallons
 - Area B 75,553 gallons

Area D 158,682 gallons
 Granger gas condensate 30,353 gallons

- August 2011 landfill leachate 541,586 gallons
- August 2011 Rainfall 10.98”
- August 2012 Rainfall 4.70”

LEACHATE INVENTORY UPDATE: (As of September 19, 2012)

T-101 Leachate Storage Tank - 0 gallons capacity – 850,000 gallons
 T-115 Leachate Storage Tank - 362,500gallons capacity – 850,000 gallons
T-100 Equalization Tank - 110,000 gallons capacity – 110,000 gallons
 Total Leachate Inventory - 472,500 gallons capacity –1,810,000 gallons

Total percent of storage utilized - 26 %

LEACHATE COLLECTION SYSTEM:

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 179,225 gallons was recirculated during the month of August 2012. Recirculation for the month was into the leachate blankets.

Recirculation to date: 8/01/2012

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>
E	1,793,912	2,631,930
F	3,130,621	3,682,875
G	3,263,425	5,066,750
H	1,366,965	5,687,500
Total	14,283,692 (gal)	21,681,836 (gal)

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	323,378	1,250,000
2	311,910	1,250,000
3	316,262	1,250,000
4	269,763	1,250,000
Total	1,140,216 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

The UFRO Treatment System is currently operational. During the month of August 2012 the system experienced a PLC failure. This was a non-recoverable failure and the PLC had to be replaced. Keystone Engineers were able to acquire a PLC from Allen Bradley at no cost. The no cost replacement was due to manufacturing issues with the original unit. CCSWA did incur minimal cost for the installation and reload of the program. UFRO produced 42,371 gallons of permeate for the month of August. Low production volume was once again due to extended downtime.

GROUND WATER INVENTORY UPDATE: 9/19/2012

- Ground Water Storage Pond – 510,000 gallons 64 % of capacity
- The Ground Water Storage Pond maintained a manageable level during August

- 2012 with a managed discharge to Outfall 001.
- Total Ground Water received for August 2012 – 50,268 gallons.

NPDES PERMIT COMPLIANCE:

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated August 27, 2009 – The NPDES DMR Outfall 001, 100 and Outfall 101 for January 2011 has reported 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 66,600 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 66,600 gallons was discharged to the Conestoga River (Outfall 001) during August 2012.

8. Compliance Officer’s Report:

A. Monthly Activity Report: Ms. Devine mentioned that the 3rd quarter sampling event was completed August 17th. We are awaiting results so they can be reviewed and submitted to DEP.

Ms. Devine stated that there were no radiation alarms since the last meeting.

Ms. Devine mentioned that the semi-annual Title V report had recently been submitted to EPA and DEP. A compliance certification is required to be submitted with the report. We are required to self-report any permit deviations, exceedences, or excursions that occur during the report time frame. Ms. Devine reminded the Board that we had a flare recorder issue back in March and April where data did not get saved as required. We also had a flare temperature deviation when the flare was operated below the required temperature for a weekend in June. After the DEP received the semi-annual report and they reviewed the compliance certification they issued a Notice of Violation for the two incidents that were previously reported to the Board and to the DEP. The “NOV” did not have any monetary penalties attached to it. But a monetary penalty could not be ruled out entirely. Ms. Devine informed the Board that a copy of the “NOV” and the compliance certification were attached to her report for their information.

9. Recycling Coordinator’s Report:

A. Monthly Activity Report: Ms. Fromnick provided a list of meetings and events attended during the past month. Among the items listed she mentioned the We Recycle E-waste conference call concerning their exiting PA at the end of October and the West Fallowfield Christian School Silver Girl Scout Award Project meeting. Ms. Fromnick chaired the Chamber Recycling Business Advisory Committee meeting at which the Green Business Award winner was chosen. A tour of Victory Brewing is planned for October to confirm their winning entry. Ms. Fromnick mentioned that the e-waste collection at the West Whiteland Township Building on September 7 was attended by 122 vehicles and the September 8 HHW Event at the New Garden Township Building was attended by 270 vehicles. The September 12 mandatory HHW/E-waste Pre-proposal meeting was attended by 3 HW companies and 6 e-waste processors. Ms. Fromnick also met with Rep. Chris Ross, concerning Act 108 CDRA.

B. Correspondence: In - Among the items listed it was noted that 2013-2016 HHW municipal commitments received so far are 65 yes and 2 no. Ms. Fromnick will continue to solicit participation. **Out** – Of the items listed Ms. Fromnick commented that she provided a checklist to prevent common 904 errors, an Act 190 Application was submitted on behalf of the CCSWA and the 2013 recycling contest was announced to the County school superintendents.

C. Projects: Ms. Fromnick provided a list of projects.

All of our Clear Stream containers were borrowed for the West Chester September 16 Restaurant Festival.

10. Business Manager's Report.

A. August 2012 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for August 2012, indicating that the tonnage of 28,359.90 was 0.3% over budget but was lower than August 2011 by 3.9%.

B. August 2012 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding increased from 29.59 days in July 2012 to 32.97 days in August 2012. Mr. Gorney stated that the increase was due to slower payments from several larger accounts.

C. August 2012 Financial Statement: Mr. Gorney presented the Financials for August 2012 stating that we had a gain of \$335,396 for the month. Retained Earnings are at \$49,874,100. The funds invested totaled \$43,673,496.76 at month end. The interest earned in August 2012 was at a rate of 0.29% below the 0.40% in July 2012.

D. August 2012 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for August 2012 totaled \$1,893,043.50.

E. Large Dollar Check Approvals: Mr. Gorney presented the September 2012 Large Dollar invoices totaling \$489,065.05, consisting of the attached schedule 10E. Mr. DiLibero made a motion to accept the Large Dollar Invoices as presented; Mr. Marroletti seconded the motion. The motion was carried by a unanimous vote.

F. Engagement Letter For 2012 Audit: The 2012 Engagement Letter from BDO for review. The board voted to extend the 2011 agreement to 2012. The board instructed to revise the agreement to cover the 2012 audit and not to exceed \$45,500.00. Mr. Knipe made a motion to accept BDO As auditors for 2012 as presented; Mr. Battavio seconded the motion. The motion was carried by a unanimous vote.

G. Resolution To Improve Area E Construction Replenishment: The resolution for the funds transfer to cover the construction of Phase 1 Area E was presented to the Board. Mr. Knipe made a motion to approve the Resolution as presented; Mr. DiLibero seconded the resolution. The motion was carried by a unanimous vote.

H. Area E Construction & Capping Thru 2014: Mr. Gorney presented schedule H for review. The retiming of spending to earlier than originally estimated would significantly deplete cash reserves. A revised Long Range cash flow will be presented at the Regular meeting next Thursday.

There being no further business, the meeting was adjourned at 6:44 p.m.

Prepared by,

Peggy A. Cunius