

CHESTER COUNTY SOLID WASTE AUTHORITY

Combined Work Session & Regular Meeting — Lanchester

August 18, 2011

1. **Call to Order:** Bob Schoenberger, Chairman, called the August 18, 2011 Combined *Work Session & Regular Meeting* of the Chester County Solid Waste Authority to order at 5:30 p.m.

Authority Members Present

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

Authority Members Absent

Peter Knipe
Vince Carosella
Carmen Battavio

Management and Staff Present

Robert A. Watts
David Lozenski
Owen Esterly
Terry Devine
Gary Laird
Nancy Fromnick

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman had no announcements.

3. **Meeting Minutes:** Mr. DiLibero moved and Mr. Shirk seconded that the minutes of the July 21, 2011 *Work Session Meeting* and the July 28, 2011 *Regular Session Meeting* be approved. The vote was unanimous.
4. **Executive Director's Report. (RAW)**

A. Monthly Activity Report: Mr. Watts said he is a Board Member and attended the annual meeting of the Professional Recyclers of Pennsylvania recently. He said that he had meetings this month with staff and others discussing network security and hosted phone systems. Mr. Watts said he and Mr. Schoenberger had a very productive meeting with the Carnarvon Township Supervisors and their Secretary/Treasurer on August 9th. Mr. Watts said there are four more houses that have been on the market for over 180 days and he expects that CCSWA will purchase them in the next month or so.

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

C. New Articles: Contained in this section was a news article on Elverson Borough's recent bids for waste collection. The second article in this section was in the *Tri County Record* and was concerning the five year report by the US EPA on the former Barkman Landfill. Mr. Watts said we had a nice article on our nature trail in the Lancaster newspaper. The last three articles in this section were concerning Sonoco, Target and Kohl's efforts to reduce the amount of waste they produce.

D. SWANA News: This section contained a copy of the letter SWANA and the Energy Recovery Council jointly sent to congress expressing their displeasure that waste-to-energy was not listed in their report as a clean and renewable energy. The second article in this section was SWANA's announcement that they had developed a policy for the safe disposal of unused or expired household pharmaceuticals.

E. Thank You Letter: This section contained a copy of a letter from the Boy Scout Crew 589 for the Authority's support.

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

A. Monthly Activity Report: Mr. Watts said the landfill gas was at 2,900 cfm in July. We received 1.61" of rain in July. Mr. Watts said the removal of a section of the Area B final cap on the west slope in preparation for the tie in to Area D-2 was the major activity this month. We had a contractor on site to remove the soil and membrane.

B. Quote for Volvo Truck: Mr. Marroletti moved and Mr. DiLibero seconded ordering a Volvo A30F off road truck to replace our Volvo truck. The truck will be ordered through the State Contract this year to save the anticipated 6% price increase for 2012 for the same truck. The vote was unanimous.

6. **Facility Engineer's Report. (ORE)**

A. Monthly Activity Report: The Monthly Engineer's Report for August 2011 was presented to the Board. The following items were discussed.

- Notice of Award for the Enclosed Flare Station Relocation Contract was sent to the Harnden Group on July 29, 2011. The required bonds and evidence of insurance were submitted and found acceptable. A pre-construction conference has been scheduled for Monday, August 29, 2011. A Notice to Proceed was sent to the Harnden Group effective August 29, 2011. The total contract price is \$468,880.

- Drillmore Construction is the construction contractor working for Granger Energy to construct the Area D, Cell 2 LFG Collection System Expansion. On or about August 4, 2011 a cancellation notice was received from Drillmore Construction's insurance carrier. Further work remains on hold pending a restoration of the insurance coverage. During this period a copy of Drillmore's invoice was received from Granger Energy for review and verification of the quantities. The invoice was reviewed. It was recommended that Granger Energy retain 10% of the current invoice amount until final completion and the receipt of acceptable waiver and release of liens. Construction of the LFG horizontal collection pipes still remains to be completes.
- A pre-bid meeting for Area E, Stage 1A was conducted on Wednesday, August 3, 2011. Communications and meeting with bidders and other interested parties was ongoing throughout the period. Sealed bids for this project were received on August 17, 2011 at 3:00 PM.
- During this report period Ludgate Engineering made progress on preliminary design and the permitting phases for the public sewer and water system extensions. A draft report was received on or about Monday, August 15, 2011. The report represents the 70% completion milestone and remains under review.
- During this period, Barton & Loguidice provided planning services for a potential Photovoltaic (PV) Project. The services included the preparation of a draft Request for Proposals to be distributed to qualified developers. The initial draft was received on August 5, 2011. A conference call to discuss the draft was conducted on August 11, 2011. Another draft is in progress.
- In July 29, 2011 I sent a letter to Chesapeake Containment to notify them that their bid for the Flare Station Relocation, Public Contract was not accepted. A copy of Attorney Pompo's opinion was attached to my letter. I also spoke and exchanged emails with representatives of Chesapeake Containment in an effort to answer their questions.
- During this period Lyons & Hohl performed cover system removal activities on Area B. This work is being coordinated and inspected by Skip Graham.
- During this period I prepared a Request for Proposals (RFP) for the Area E, Stage 1A. Resident Project Representative (RPR) Services. The RFP was sent to five consulting firms as follows: B&L; Earth Res Group; Golder; CRA; and Blazosky. On Monday August 8, 201, CRA called to say that they would not be responding because they will be unable to properly staff the project due to existing commitments. Proposals from the other four consultants were received on or about Friday, August 12, 2011. The proposals remain under review.

B. ARM Group – Monthly Status Report: A copy of the Monthly Status Report from the ARM Group dated August 16, 2011 was presented to the Board for review.

C. SCS Engineers – Monthly Status Report: A copy of Progress Report No. 14 from SCS dated August 12, 2011 concerning the Cell D2 LFG Collection System Expansion and the Flare Station Relocation was presented to the Board for review.

D. Area E, Stage 1A – Unchecked Bid Results: A copy of the unchecked bid results for the Area E, Stage 1A Construction Contract was presented to the Board for review. It was recommended that the contract be awarded to the apparent low bidder subject to legal and technical review. A motion was made by Peter Marroletti with a second by Ramsey DiLibero. The motion passed.

E. Area E, Stage 1A, RPR & CQA Services – Proposal Results: The Cost Proposal Summary Table for the Area E, Stage 1A, RPR Services was presented to the Board. The proposals remain under review. Additional information has been requested from Barton & Loguidice concerning the resumes of proposed contract employees. A complete response has not yet been received.

7. **Water Management’s Report. (GAL)**

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

JULY HIGHLIGHTS:

- July 2011 landfill leachate 362,584 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	97,487 gallons
Area B	93,307 gallons
Area D-1	65,399 gallons
Area D-2	41,567 gallons
Area D-3	24,960 gallons
Granger gas condensate	39,864 gallons

- July 2010 landfill leachate 720,659 gallons
- July 2011 Rainfall 2.01”

LEACHATE INVENTORY UPDATE: (As of August 17, 2011)

T-101 Leachate Storage Tank - 417,500 gallons capacity – 850,000 gallons

T-115 Leachate Storage Tank - 402,500 gallons capacity – 850,000 gallons

T-100 Equalization Tank - 82,000 gallons capacity – 110,000 gallons

Total Leachate Inventory - 902,000 gallons capacity –1,810,000 gallons

Total percent of storage utilized - 49 %

LEACHATE COLLECTION SYSTEMS

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 161,720 gallons was recirculated during the month of July 2011. Recirculation for the month was into the leachate trenches on weekdays and blankets on weekends.

Recirculation to date: 8/1/2011

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>
A	-----	----- This Trench is closed
B	-----	----- This Trench is closed
C	1,618,303	1,888,720
D	1,547,589	1,783,398
E	1,603,475	2,631,930
F	2,974,144	3,682,875
G	3,066,915	5,066,750
H	1,231,713	5,687,500
Total	13,134,890 (gal)	21,681,836 (gal)

Remaining Trench Capacity – 8,776,390 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	539,111	1,250,000
2	498,860	1,250,000
3	566,429	1,250,000
4	544,828	1,250,000
Total	2,077,768 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

- The UFRO Treatment System is currently operational. The UF system is operating at an average of 7.3 gpm and the RO system is operating at an average flow rate of 10.6 gpm during the month of July. The plants 21 day average is approximately **3,625 gpd.**

The RO unit produced – **76,128** gallons of permeate during July 2011

MONTHLY COST ESTIMATE	\$3,648.05
Monthly Electric	\$1,798.00
Total	\$5,446.05
Cost Per Gallon	\$0.07

GROUND WATER INVENTORY UPDATE: 8/1/2011

- Ground Water Storage Pond – 735,000 gallons 92% of capacity
- The Ground Water Storage Pond maintained a manageable level during July 2011 with a constant discharge to Outfall 001.
- Total Ground Water received for July 2011 – 85,399 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 July 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 60,300 gallons of groundwater (Outfall 101) was discharged to (Outfall 001). A total of 60,300 gallons was discharged to the Conestoga River (Outfall 001) during July 2011.

8. **Compliance Officer's Report. (TAD)**

A. Monthly Activity Report: Ms. Devine mentioned that the second quarter groundwater sampling event with the new lab, ALS Environmental, has been completed and the results have been submitted to the DEP. There were a few bumps along the way but the next quarterly event should go more smoothly.

Ms. Devine reported there was one radiation alarm since the last meeting. The waste was a rearloader from Easttown Township that set off the alarms at the Norristown transfer station. It was checked when it came in to Lanchester and the isotope was confirmed as I-131. The load was landfilled.

Ms. Devine also told the Board that John Pollock, DEP solid waste inspector and Steve Baumeister, DEP air quality inspector were onsite for inspections on August 11, 2011. Steve conducted the annual inspection of the gas collections system, flares and paperwork and recordkeeping. John inspected the IU site for groundhog holes and also conducted a paperwork and records inspection. There were no issues noted.

9. **Recycling Coordinator's Report (NJF)**

A. Monthly Activity Report: Ms. Fromnick provided a list of meetings and events attended during the past month. Regional HHW Meetings are focused on reducing the cost of e-scrap collection in the 5 County collection program and providing cost effective residential drop-off events in addition to that program.

B. Correspondence: Among the items listed, Atglen Township informed Ms. Fromnick their HHW participation would begin in 2012 and Atglen residents should be turned away from HHW events until then. Highland Township has not yet responded to the participation request. Ms. Fromnick mailed ordinance development packets to requesting mandated municipalities, and provided access to Performance Applications on the CCSWA website and notified municipalities of missing 2010 annual report data.

C. Projects: Ms. Fromnick provided a list of projects and commented that an additional workshop will be scheduled for newly mandated municipalities and those completing Performance Grant applications. Peter Marroletti asked about the Arborganic Acres Food Waste Composting Project. Fromnick commented that Arborganic Acres has successfully worked through collection and processing challenges with their new customer Victory Brewing.

D. Volunteer Time & Clear Stream Containers: Elverson Harvest Supper and Bike/Run borrowed Clear Stream recycling containers.

10. **Business Manager's Report.** (JMG)

A. July 2011 Monthly Tonnage Report: Mr. Lozenski presented the Tonnage Report for July 2011, indicating that the tonnage of 24,740.82 was 8.8% under budget and was lower than July 2010 by 16.8%.

B. July 2011 Accounts Receivable: Mr. Lozenski stated that receivables day sales outstanding increased from 34.00 days in June 2011 to 37.82 days in July 2011. Mr. Lozenski stated that the increase was due to slower payments from several larger accounts.

C. July 2011 Financial Statement: Mr. Lozenski presented the Financials for July 2011 stating that we had a gain of \$370,516 for the month. Retained Earnings are at \$47,626,385. The funds invested totaled \$44,434,366.62 at month end. The interest earned in July 2011 was at a rate of 0.46% equal to 0.46% in June 2011. Mr. Shirk made a motion to accept the July 2011 Financials as presented; Mr. Marroletti seconded the motion. The motion was carried by a unanimous vote.

D. July 2011 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for June 2011 totaled \$1,685,038.08. Mr. Shirk made a motion to accept the Large Dollar Invoices as presented; Mr. DiLibero seconded the motion. The motion was carried by a unanimous vote.

E. Large Dollar Check Approvals: Mr. Lozenski presented the July 2011 Large Dollar invoices totaling \$412,458.77, consisting of the attached schedule 10E. Mr. Marroletti made a motion to accept the Large Dollar Invoices as presented; Mr. Shirk seconded the motion. The motion was carried by a unanimous vote.

The meeting was adjourned to Executive Session at 6:30 p.m. to discuss the Host Agreement with Caernarvon Township.

The meeting came out of Executive Session at 7:00 into Regular Session and was adjourned.

Prepared by, Peggy A. Cunius