

CHESTER COUNTY SOLID WASTE AUTHORITY

Combined Work Session & Regular Meeting — Lanchester

June 30, 2011

1. **Call to Order:** Bob Schoenberger, Chairman, called the June 30, 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
Peter Knipe
Vince Carosella
Ramsey G. DiLibero
Carmen Battavio

Authority Members Absent

Peter Marroletti
William H. Shirk

Management and Staff Present

Robert A. Watts
Owen Esterly
Gary Laird
Terry Devine
James M. Gorney

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman had no announcements.

3. **Meeting Minutes:** Mr. Battavio moved and Mr. DiLibero seconded approving the minutes of the May 19, 2011 *Work Session Meeting* and the May 26, 2011 *Regular Session Meeting*. The vote was unanimous.

4. **Executive Director's Report.** (RAW)

A. Monthly Activity Report: Mr. Watts said we had received comments on the 60% complete plans on the sewer and water extension by the Honey Brook Water Authority. Mr. Watts discussed a property in Salisbury Township that has been listed for sale over 6 months and they are interested in CCSWA's Property Value Protection Program. Mr. Watts said the homeowner had an offer that was \$100,000 less than the average of the two appraisals that have been completed to date. The Board instructed Mr. Watts to hire a third appraiser and to check to see if all of the structures could remain on the property after a purchase by CCSWA.

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: Mr. Watts said the first article in this section was concerning our neighbor Austen Feister, receiving his Eagle Scout Award for completing a section of the nature trail at Lanchester. The second article was concerning Los Angeles selection of Green Conversion Systems to build an Advanced Thermal Recycling system. Also in this section was an article concerning PADEP fining Middle Smithfield Township \$9,500 for burning spring cleanup waste.

D. Legislation: Mr. Watts said the only bill that appears to have any chance of passing on this list is HB 1691 which would add leaves to the Act 101 definition of yard waste.

E. Response From US EPA to Caernarvon Township: Mr. Watts said this section contained a copy of questions asked by the Supervisors and the responses by the EPA.

G. Request to Order Cat 836 Compactor: Mr. Watts said due to the 22 week lead time he would like to order a new compactor soon since one of our compactors has over 14,000 hours on it.

H. Designated Site Ordinance – Executive Session: The Board director the Solicitor to respond to a June 13, 2011 letter from Mr. Fox of J.P. Mascaro.

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

A. Monthly Activity Report: Mr. Watts said this was a fairly routine month. We recorded 3.12” of rain – mostly in the early half of the month. The landfill gas flows had been fairly steady with a minor reduction when some of Granger’s blowers needed to be repaired and the enclosed flare was operated for a few days. Only the hand written PADEP inspection report was available when the report was put together, but since then we have received the full May report with no issues noted. The inspection for June was completed this week and no problems were recorded.

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

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

- Construction of the concrete foundations for the Flare Station Relocation was completed during this period. The work was performed by RCO Enterprises, on behalf of Granger Energy. The Notice to Bidders (NTB) for the public contract was published in the Lancaster Newspaper. The NTB also appears on the Authority’s web site.

- The new landfill gas wells were drilled on or about June 3, 2011 as part of the Area D, Cell 2 LFG Collection System Expansion. Construction of the new lateral and header pipes is in progress. Inspection work is being performed with in-house staff. Construction work is being performed by Drillmore Construction on behalf of Granger Energy.
- Bidding of the Area E, Stage 1A project is scheduled to begin during July 2011.
- The surveying tasks completed by Ludgate Engineering during this period included: construction survey for the Cell D2 landfill gas collection system; final editing of the 2010 PADEP Annual Report survey drawings; assistance with the 2010 PADEP Annual Report forms and narratives. The preliminary design for the public sewer system expansion remains in progress.
- During this period SCS Engineers provided design phase services for the Flare Station Relocation Project and the Area D Cell 2 LFG System Expansion. Services included the delivery of the final bidding documents for the Flare Relocation.
- During this period the ARM Group provided design phase services for Area E, Stage 1A. The services included the delivery of the 60% complete design documents and participation at the June 20, 2011 progress meeting. ARM will be coordinating the preparation of an application for a minor PADEP permit modification
- During this period Barton and Loguidice provided planning phase services for the Woody Vegetation and Landfill Landscape Project. A meeting with Caernarvon Township regarding this project was held on May 25, 2011. A meeting is being scheduled with PADEP regarding the Township's request for this project.
- On or about June 3, 2011, Sanborn head and Associates delivered the final edits of the Annual Leachate Recirculation Report. Landfill Gas Manager Management Suite™ services were ongoing during this period.
- On or about June 17, 2011, Geosyntec delivered corrected PMA drawings and documents. These documents remain under review. Geosyntec also asked about the status of their final invoice in the amount of \$56,000.
- Construction photographs of the flare station foundation work were attached to the report.

B. Flare Station Relocation – Notice to Bidders: A copy of the Notice to Bidders for the Enclosed Flare Station Relocation was presented to the Board.

C. Alternative Cover System – PADEP Technical Review Letter: A copy of the technical review letter dated June 7, 2011 from PADEP concerning the Closure Turf™ Demonstration Project was presented to the Board. A response to the letter is in progress.

D. ARM Group – Monthly Status Report: A copy of the Monthly Status Report from the ARM Group dated June 14, 2011 was presented to the Board for review.

E. SCS Engineers – Monthly Status Report: A copy of Progress Report No. 12 from SCS dated June 20, 2011 concerning the Cell D2 LFG Collection System Expansion and the Flare Station Relocation was presented to the Board.

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

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

MAY HIGHLIGHTS:

- May 2011 landfill leachate 488,593 gallons (includes gas condensate)
 - Leachate by area breakdown:

Area C	99,777 gallons
Area B	143,532 gallons
Area D-1	155,145 gallons
Area D-2	19,653 gallons
Area D-3	44,983 gallons
Granger gas condensate	25,503 gallons
- May 2010 landfill leachate 486,671 gallons
- May 2011 Rainfall 3.30"

LEACHATE INVENTORY UPDATE: (As of June 22, 2011)

T-101 Leachate Storage Tank	- 485,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 462,500 gallons	capacity – 850,000 gallons
T-100 Equalization Tank	- 110,000 gallons	capacity – 110,000 gallons
Total Leachate Inventory	- 1,057,500 gallons	capacity – 1,810,000 gallons

Total percent of storage utilized - 57 %

LEACHATE COLLECTION SYSTEMS

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 367,100 gallons was recirculated during the month of May 2011. Recirculation for the month was into the leachate blankets.

Recirculation to date: 6/1/2011

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>	
A	-----	-----	This Trench is closed
B	-----	-----	This Trench is closed
C	1,581,078	1,888,720	
D	1,510,568	1,783,398	
E	1,557,600	2,631,930	
F	2,974,144	3,682,875	
G	3,066,915	5,066,750	
<u>H</u>	<u>1,231,713</u>	<u>5,687,500</u>	
Total	13,080,009 (gal)	21,681,836 (gal)	
Remaining Trench Capacity – 8,776,390 gallons			

Blanket #	Recirculated (gal)	Maximum gallons/year
1	482,297	1,250,000
2	481,960	1,250,000
3	512,668	1,250,000
4	494,399	1,250,000
Total	1,971,324 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

- The UFRO Treatment System is currently operational. During the first week of May the PLC lost its program. This caused the plant to shut down. Keystones Engineering Group was called in to trouble shoot the problem and reload the operation program. The cause of this occurrence was unable to be determined. The UF system is operating at an average of 7.2 gpm and the RO system is operating at an average flow rate of 10.6 gpm during the month of May. The plants 23 day average is approximately **3,213 gpd**.

The RO unit produced – **73,900** gallons of permeate during May 2011

MONTHLY COST ESTIMATE	\$3,957.78
Monthly Electric	\$2,287.66
Total	\$6,245.44
Cost Per Gallon	\$0.08

GROUND WATER INVENTORY UPDATE: 6/1/2011

- Ground Water Storage Pond – 745,000 gallons 91 % of capacity
- The Ground Water Storage Pond maintained a manageable level during May 2011 with a constant discharge to Outfall 001.
- Total Ground Water received for May 2011 – 819,681 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 May 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 902,000 gallons of groundwater (Outfall 101) was discharged to (Outfall 001). A total of 902,000 gallons was discharged to the Conestoga River (Outfall 001) during May 2011.

B. SRBC Notice of Violation: Briefed the Board Members on the Notice of Violation (NOV) received from the Susquehanna River Basin Commission (SRBC). It was decided by the Board that Vince Pompo would rewrite the response water operations had drafted and address some concerns discussed concerning future compliance.

C. UF Project Update: An update from Keystone Engineering Group was presented concerning the status of the UFRO upgrade project. Drawings are 90% complete. Additional work was presented to add some piping changes and utilize the existing clarifiers to help settle solids. Keystone has requested an additional \$350.00 for the additional engineering. It was decided that Water Operations would use a purchase order to cover the additional cost.

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

A. Monthly Activity Report: Ms. Devine mentioned the first two items in her report were related to the Ground Water Monitoring Project. ALS Environmental started the 2nd quarter monitoring event June 15th and Golder Associates had a representative onsite to conduct an audit of ALS' field sampling to insure they conducted the sampling in accordance with CCSWA's specifications.

Ms. Devine reported there were four radiation alarms since the last meeting. The isotope was I-131 in all cases and the loads were landfilled. Two loads were WWTP sludge and two loads were household waste.

Ms. Devine mentioned that there were school groups from Owen J. Roberts High School and Coatesville's Scott Middle School onsite for tours in the past month.

Ms. Devine also mentioned that she accompanied DEP inspector on a site inspection on May 27th and again on June 29th. There were no issues noted in either inspection.

Ms. Devine also mentioned that she conducted the quarterly perimeter gas probe monitoring and there were no problems to report.

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

A. Monthly Activity Report: Mr. Watts said Ms. Fromnick had a conflict with tonight's rescheduled meeting, so he would briefly go over her report. Mr. Watts said two days of note in the past month Ms. Fromnick instructed 301 kindergarteners one day and 135 sixth graders another day.

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

A. May 2011 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for May 2011, indicating that the tonnage of 29,319.74 was 10.1% over budget and was lower than May 2010 by 8.5%.

B. May 2011 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding increased from 31.37 days in March 2011 to 32.94 days in May 2011. Mr. Gorney stated that the decrease was due to slower payments from several larger accounts.

C. May 2011 Financial Statement: Mr. Gorney presented the Financials for May 2011 stating that we had a gain of \$581,814 for the month. Retained Earnings are at \$46,754,539. The funds invested totaled \$43,056,422.72 at month end. The interest earned in May 2011 was at a rate of 0.42% slightly lower than 0.46% in April 2011. Mr. Carosella made a motion to accept the May 2011 Financials as presented; Mr. Battavio seconded the motion. The motion was carried by a unanimous vote.

D. May 2011 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for May 2011 totaled \$406,693.85. Mr. Battavio made a motion to accept the Large Dollar Invoices as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

E. Large Dollar Check Approvals: Mr. Gorney presented the June 2011 Large Dollar invoices totaling \$462,596.39, consisting of the attached schedule 10E. Mr. DiLibero made a motion to accept the Large Dollar Invoices as presented; Mr. Knipe seconded the motion. The motion was carried by a unanimous vote.

F. Defined Contribution Plan: Mr. Gorney presented the historical Plan Contributions (Schedule 10F), recommending the first half 2011 contribution of 12%. Mr. Carosella made a motion to approve the 12% first half contribution as presented; Mr. Knipe seconded the motion. The motion was carried by a unanimous vote.

The meeting was adjourned at 7:17 PM.

Prepared by,
Peggy A. Cunius