

CHESTER COUNTY SOLID WASTE AUTHORITY

Combined Work Session & Regular Meeting — Lanchester

July 29, 2010

1. **Call to Order:** Bob Schoenberger, Chairman, called the July 29, 2010 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
William H. Shirk
Carmen Battavio

Authority Members Absent

Peter Knipe
Peter Marroletti
Vince Carosella

Management and Staff Present

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

Solicitor

Vincent M. Pompo, Esquire

2. **Meeting Minutes:** Mr. Shirk moved and Mr. DiLibero seconded that the minutes of the June 17, 2010 *Work Session Meeting* and the June 24, 2010 *Regular Session Meeting* be approved. The vote was unanimous.

3. **Chairman's Announcements.** (BS)

The Chairman said he would like to welcome our newest Board Member - Carmen Battavio, who was recently appointed by the Chester County Commissioners to a 5 year term.

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

A. Monthly Activity Report: Mr. Watts said he would like to discuss a few items contained in his monthly report in Section 4A. The first item Mr. Watts was that a consultant will be completing an energy audit of all buildings at no cost since we are doing it through Chester County government. Mr. Watts said the disposal of debris from the two West Chester University dorms has finished and we received about 12,125 tons of material. Mr. Watts said he and some of the staff has been meeting with a few companies to help get ideas for an RFP for a new Webmaster. Mr. Watts said he taught a Manager of Landfill Course in Anne Arundel County Maryland recently for the Solid Waste Association of North America. Recently Mr. Watts said he met with Barry Baldwin to discuss how we can both work to extend sewer and water lines to both our businesses.

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. News Articles: Contained in this section was a newspaper article on the change for Upper Uwchlan Township going from twice a week collection to once a week and the changeover to wheeled toters. This section also contained an article concerning to proposed increase in PADEP application fees.

D. SWANA Update – Tailoring Rule: This section contained two updates. The first one was on the Tailoring Rule and the second one was proposed revisions to climate change legislation.

E. Thank You Letter: The first thank you was from Jerry Myer for his retirement gift and the second one was from the Chester County Civil Air Patrol for disposing of waste from the Headquarters cleanup for no charge.

F. Temporary Tonnage Increase: This section contains a copy of the PADEP letter allowing our daily maximum tonnage to be increased from 1,850 tons per day to 2,500 tons per day through the end of July.

G. Property Purchase: Was discussed in Executive Session.

H. Landfill Services Equipment Purchase: Was deferred to next month.

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

A. Monthly Activity Report: Mr. Watts said the landfill gas was at 2,700 cfm in June, but has increased to almost 3,000 recently. We received 3.19" of rain in June. We took 37 (about half) sheep to auction and sent in our application to become a certified Wildlife Habitat site. Mr. Watts said the cost for cover was up this month due to almost completing the first bench of intermediate cover on the north slope of Area D-2. Mr. Watts said the inspection from PADEP and Vision Engineering are also in this section and did not indicate any significant issues. Mr. Watts said he received Mr. Cutter's inspection for June earlier today and will include it next month.

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

A. Monthly Activity Report: The Monthly Engineer's Report for July 2010 was presented to the Board. The following items were included in the verbal report.

- The current list of construction service contracts includes the Disinfection Modification Project and the 2010 Entrance Paving Repairs.
- During this report period Ludgate Engineering Corporation finalized the Annual Report survey drawings; compiled survey data for the design of the flare station; prepared an easement description for the pond rehabilitation at 279 Boot Jack Road.
- The request to abandon the older enclosed flare remains under review by PADEP's Bureau of Air Quality.
- Blazosky Associates Inc. continued to provide LFG monitoring services related to EW-312 during this period.
- During this report period a request for proposals for the Permitting and Preliminary Design Phase Services needed for the Public Sewer and Water System Extensions. Proposals were received from Bursich Engineers, Keystone Engineering Group, and Ludgate Engineering. The proposals have been reviewed. A Cost Proposal Summary was prepared.
- On or about July 2, 2010, SCS submitted draft design documents concerning the Flare Station Relocation. The documents were reviewed and comments were issued. The documents represent the 50% completion milestone.
- On or about June 28, 2010 a Notice of Award was issued to Reading Site Contractors for the 2010 Entrance Paving Improvements. The contract documents were executed and a Notice to Proceed was issued on July 27, 2010. A pre-construction meeting is scheduled for August 3, 2010.
- During this report period Barton and Loguidice submitted a draft report representing the 60% completion milestone. The draft report was reviewed and comments were compiled and issued.
- During this report period ARM submitted additional progress drawings concerning the filling of Area D. The drawings were reviewed and comments were issued. A staff meeting concerning the progress drawings was held on July 16, 2010.

- The contractor's proposal to rehabilitate the pond at 279 Boot Jack Road by replacing the existing spillway using the open cut method in lieu of the previously proposed slip lining method was reviewed with the Board. PADEP regulators have issued an email accepting the open cut method. The open cut method will require a slight encroachment into the adjoining property. The easement will allow the Authority to perform routine maintenance in the future. The deed of easement is being prepared by Lamb McErlane.
- On or about June 30, 2010 I received an exemption letter from the Lancaster County Conservation District. The project was determined to be exempt from Chapter 102 regulations because the earth disturbance will be less than 5,000 square feet.
- Payment Application No. 2 from Shure-Line Construction for the Disinfection Modifications in the amount of \$8,590 was received and processed for payment during this period.

B. Approval of Construction Certification Report: The July 8, 2010 letter from PADEP approving the Form 37 Certification Report for the 2009 Landfill Gas System Expansions was presented to the Board.

C. ARM Group Inc. – Monthly Status Report: A copy of the Monthly Status Report from the ARM Group dated July 20, 2010 was presented to the Board for review. ARM indicates that the Environmental Assessment for the Area E PMA has been approved and will be issued as soon as press release can be prepared.

D. Keystone Engineering Group – Monthly Status Report: A copy of the Monthly Progress Report from Keystone Engineering Group dated July 27, 2010 was presented to the Board for review. The report provides an update on the progress of the Wastewater Disinfection project and the Public Water and Wastewater Evaluation.

E. SCS Engineers – Monthly Status Report: A copy of the Progress Report from SCS dated July 27, 2010 was presented to the Board for review. The report provides an update concerning the design of the Flare Station Relocation. The design of a 500 scfm utility flare has been added to the scope of services in response to the request from Granger Energy.

F. Barton & Loguidice, P.C. – Progress Report: A copy of the Progress Report from Barton & Loguidice dated July 26, 2010 was presented to the Board for review. A response concerning the grant application is expected for several months.

G. Public Sewer & Water – Preliminary Design Phase Services: A copy of the Cost Proposal Summary for the Preliminary Design and Permitting Phase Engineering Services and the Surveying Services needed for the Public Sewer and Water System Extensions was presented to the Board. It was recommended that the cost proposal from Ludgate Engineering in the amount of \$23,980 be accepted. A motion to award the services to Ludgate Engineering was made by Ramsey DiLiberio with a second by William Shirk. The motion passed.

H. Closure Turf™ Demonstration – Permitting Phase Proposal: A copy of the ARM memorandum dated July 28, 2010 concerning the preliminary study of exposed geomembrane cap was presented to the Board. The findings suggest submitting a permit application for a Closure Turf™ demonstration project. The use of Closure Turf™ will eliminate the cost of cover soil. The demonstration project will provide actual cost and performance data on this product. If cost savings can be demonstrated, significant cost savings may be realized on remaining uncapped areas.

A copy of the ARM proposal dated July 28, 2010 for the permitting and design phase engineering services needed for the Closure Turf™ demonstration project was also presented to the Board. The proposal cost is \$24,020. The Board will consider this matter again in August.

7. Water Management’s Report. (GAL)

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

JUNE HIGHLIGHTS:

- June 2010 landfill leachate 571,631 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	80,012 gallons
Area B	35,990 gallons
Area D-1	161,858 gallons
Area D-2	170,230 gallons
Area D-3	8,037 gallons
Granger gas condensate	48,020 gallons

2010 Year to date landfill leachate metered 4,333,754

- June 2009 landfill leachate 438,939 gallons
- June 2010 Rainfall 3.20”

LEACHATE INVENTORY UPDATE: (As of July 1, 2010)

T-101 Leachate Storage Tank	- 260,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 255,000 gallons	capacity – 850,000 gallons
<u>T-100 Equalization Tank</u>	<u>- 94,000 gallons</u>	<u>capacity – 110,000 gallons</u>
Total Leachate Inventory	- 609,000 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 33 %

LEACHATE COLLECTION SYSTEMS –

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 168,200 gallons was recirculated during the month of June 2010. Recirculation for the month was into the leachate blankets.

Recirculation to date: 7/1/2010

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>	
A	-----	-----	This Trench is closed
B	-----	-----	This Trench is closed
C	1,426,152	1,888,720	
D	1,345,845	1,783,398	
E	1,443,945	2,631,930	
F	2,843,519	3,682,875	
G	2,937,274	5,066,750	
H	1,149,679	5,687,500	
Total	12,264,205 (gal)	21,681,836 (gal)	

Remaining Trench Capacity – 9,417,631 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	210,762	1,250,000
2	191,705	1,250,000
3	194,779	1,250,000
4	180,364	1,250,000
Total	777,610 (gal)	5,000,000 (gal)

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 6.0 gpm and the RO system is operating at an average flow rate of 10.0 gpm. The plant is averaging approximately **2,258 gpd** for the month of June 2010.

The RO unit produced – **67,756** gallons of permeate during the month of June 2010.

MONTHLY COST

ESTIMATE	\$4,666.19
Monthly Electric	\$1,389.00
Total	\$6,055.19
Cost Per Gallon	\$0.09

UFRO Research and Development June 2010

The UFRO Treatment plant upgrade continues moving forward. No physical progress since last report. Contractor is waiting for delivery of all components.

GROUND WATER INVENTORY UPDATE: 7/1/2010

Ground Water Storage Pond – 525,000 gallons 65.6 % of capacity

The Ground Water Storage Pond maintained a manageable level during June 2010.

Total Ground Water received for May 2010 – 69,488 gallons.

NPDES PERMIT COMPLIANCE –

NPDES PERMIT DMR PA 0082791 for Outfall 001 CONESTOGA RIVER dated December 2003 – The NPDES DMR Outfall 001, 100 and Outfall 101 for June 2010 will report full compliance with the new 2009 NPDES Permit. All Monitored Parameters were below required discharge limits. 0 gallons from the effluent equalization tank (Outfall 100) of treated permeate and 0 gallons of groundwater (Outfall 101) was discharged to (Outfall 001). A total of 0 gallons was discharged to the Conestoga River during June 2010.

8. Compliance Officer's Report. (TAD)

A. Monthly Activity Report: Mr. Watts said that Ms. Devine was on vacation and he would give her report. Mr. Watts said second quarter groundwater monitoring reports have been submitted to PADEP. Ms. Devine took storm water NPDES samples during July. On June 18th Ms. Devine completed quarterly perimeter gas monitoring with no problems to report. Ms. Devine helped with a few tours this month and two radiation alarms - which were both medical waste and were landfilled.

9. Recycling Coordinator's Report (NJF)

A. Monthly Activity Report: Mr. Watts said Ms. Fromnick was attending the annual meeting of Professional Recyclers of Pennsylvania today so he would give her report. Mr. Watts said Ms. Fromnick has been helping him with ideas for our Web Site update and consultant selection. Mr. Watts said the Board can review Ms. Fromnick's report and contact her if they have any questions.

10. Business Manager's Report. (JMG)

A. June 2010 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for June 2010, indicating that the tonnage of 30,705.99 was 13.6% over budget and was higher than June 2009 by 11.6%.

B. June 2010 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding decreased from 31.36 days in May 2010 to 30.80 days in June 2010. Mr. Gorney stated that there were no major problems.

C. June 2010 Financial Statement: Mr. Gorney presented the Financials for June 2010 stating that we had a gain of \$622,889 for the month. The gain was primarily due to the concrete received from the two dormitories demolished at West Chester University. Retained Earnings are at \$41,602,632. The funds invested totaled \$38,111,584.39 at month end. The interest earned in June 2010 was at a rate of 0.59% down from the 0.60% in May 2010. The rate decrease continues due to the impact of the rollover of funds to lower interest rates. Mr. DiLibero made a motion to accept the June 2010 Financials as presented; Mr. Shirk seconded the motion. The motion was carried by a unanimous vote.

D. June 2010 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for June 2010 totaled \$344,510.14. Mr. Shirk made a motion to accept the June 2010 Check Register as presented; Mr. DiLibero seconded the motion. The motion was carried by a unanimous vote.

E. Large Dollar Check Approvals: Mr. Gorney presented the July 2010 Large Dollar invoices totaling \$782,069.83 consisting of the attached schedule 10E. Mr. DiLibero 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. Act 101 – 2nd Quarter 2010: Mr. Gorney presented the 2nd Quarter 2010 Act 101 payment for July 2010 totaling \$981,224.46 consisting of the attached schedule 10F. Mr. DiLibero made a motion to accept the 2nd quarter 2010 Act101 Payment for July 2010 as presented; Mr. Shirk seconded the motion. The motion was carried by a unanimous vote.

The meeting was adjourned at 6:43.

Prepared by,
Peggy A. Cunius