

CHESTER COUNTY SOLID WASTE AUTHORITY

Work Session — Lanchester

May 19, 2011

1. **Call to Order:** Bob Schoenberger, Chairman, called the May 19, 2011 *Work Session* Meeting of the Chester County Solid Waste Authority to order at 5:30 p.m.

Authority Members Present

Bob Schoenberger
Ramsey G. DiLibero
Vince Carosella
Dante W. Renzulli, Jr. Esquire
William H. Shirk
Peter Marroletti
Carmen Battavio

Authority Members Absent

Peter Knipe

Management and Staff Present

Robert A. Watts
James M. Gorney
Gary Laird
Teresa A. Devine
Nancy Fromnick

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman had no announcements and the only guest was Brian M. Fuhrman from Waste Management of Lancaster and he said he was attending the meeting to listen.

3. **Meeting Minutes.** The minutes of the April 21, 2011 *Work Session* and the April 28, 2011 *Regular Session Meeting* will be approved next week.

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

A. Monthly Activity Report: Mr. Watts said he and Ms. Devine conducted jointly two tours this month. He said the students were high school seniors and 4th graders and both groups were well prepared. Mr. Watts said this week he had meet both with the Honey Brook water and sewer authorities to update them with the 60% complete drawings on this project.

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: There was an article in this section that the Honey Brook Borough has a new Manager. Mr. Watts said that there is an article in this section about the Lancaster County Solid Waste Management Authority's efforts to purchase the Harrisburg waste to energy plant.

D. Legislation: This section contains a spreadsheet of legislation that concerns either the waste industry or the operation of an authority. None of the legislation appears to be moving at this time.

E. Thank You Note: This section contained a copy of a note sent to Ms. Devine thanking her for the tour for Downingtown East High School.

F. Invitation: This section contains a copy of the invitation sent to the Authority Board for the celebration of Austen Feister receiving his Eagle Scout Award for completing a section of the Nature Trail at Lanchester.

G. First Quarter DEP Tonnage: This section contains a copy of the PADEP's numbers and a bar chart comparing 2011 and 2010 Chester County waste generation. Mr. Watts said that except for some very small amounts all haulers and disposal facilities appear to be in compliance with the Chester County Solid Waste Plan except for J.P. Mascaro. J.P. Mascaro disposed of 433.8 tons of Chester County Waste at their Birdsboro landfill during the first quarter of 2011. Their attorney had promised a plan to make up this tonnage to Lanchester, but nothing has been received to date. Mr. Battavio moved and Mr. DiLibero seconded having the Authority Solicitor send J.P. Mascaro a notice of violation for disposing of Chester County waste without proper authorization. The vote was unanimous.

5. Operations/Site Development Report:

A. Monthly Activity Report: Mr. Watts said the landfill gas system continues to produce about 2,900 cfm of landfill gas. Granger Energy continues to produce about 3MW of power most days. April was another wet month with Lanchester receiving 6.35" of rain. Mr. Watts said most things have been routine, but we are starting this week to open up another section of Area D-2 liner. We have also been getting caught up on composting leaves. We have started work on adding a new section of the Nature Trail through the treed area to the north of the Small Load Facility. Mr. Watts said a PADEP inspection report for April 21, 2011 is also in this section and indicates no violations or problems.

6. Facility Engineer’s Report:

A. Monthly Activity Report: Mr. Watts said Mr. Esterly was on vacation so he would be giving the report tonight. Mr. Watts said Mr. Esterly has been working with Granger Energy and their contractor starting up the flare relocation project. Mr. Watts said the expansion of the landfill gas collection system and recirculation systems are due to start the beginning of next week. Mr. Esterly is working with Geosyntec Consultants and the ARM Group to have Geosyntec fix defects found in their Area E permitting work. The defects were concerning the geometry of the reinforced wall and will require a minor permit modification. It is estimated that correcting these defects will take about six weeks, but should not cost the Authority any additional money.

B. ARM Group – Contract and Schedule Changes: Mr. Watts informed the Board that ARM found defects in the work completed by Geosyntec on the permit drawings. The defects were related to the geometry of the reinforced earth wall. Geosyntec has said they will correct these defects and the ARM Group will prepare a minor permit modification to correct the drawings. It is estimated that this will cause a six week delay in the start of this project and some additional cost by the ARM Group.

7. Water Management’s Report:

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

APRIL HIGHLIGHTS:

- April 2011 landfill leachate 828,077 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	192,467 gallons
Area B	155,182 gallons
Area D-1	254,403 gallons
Area D-2	110,302 gallons
Area D-3	102,940 gallons
Granger gas condensate	12,783 gallons

- April 2010 landfill leachate 668,797gallons
- April 2011 Rainfall 5.28”

LEACHATE INVENTORY UPDATE: (As of May 19, 2011)

T-101 Leachate Storage Tank	- 427,500 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 420,000 gallons	capacity – 850,000 gallons
<u>T-100 Equalization Tank</u>	<u>- 80,000 gallons</u>	<u>capacity – 110,000 gallons</u>
Total Leachate Inventory	- 927,500 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 50 %

LEACHATE COLLECTION SYSTEMS

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 578,500 gallons was recirculated during the month of April 2011. Recirculation for the month was into the leachate blankets. During this month water operations recirculated leachate 7 days a week.

Recirculation to date: 5/1/2011

Trench #	Recirculated (gal)	Maximum (gal)	
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	
H	1,231,713	5,687,500	
Total	13,080,009 (gal)	21,681,836 (gal)	

Remaining Trench Capacity – 8,776,390 gallons

Blanket #	Recirculated (gal)	Maximum gallons/year
1	392,982	1,250,000
2	385,382	1,250,000
3	421,356	1,250,000
4	404,504	1,250,000
Total	1,604,224 (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 8.7 gpm and the RO system is operating at an average flow rate of 10.6 gpm during the month of April. The plants 30 day average is approximately **3,946 gpd**.

The RO unit produced – **118,370** gallons of permeate during April 2011

MONTHLY COST ESTIMATE	\$4,175.95
Monthly Electric	\$3,154.00
Total	\$7,329.95
Cost Per Gallon	\$0.06

- Keystone Engineering Group has been awarded the contract for the 2011 UFRO Upgrade. Currently we are awaiting the return of the signed contract.

GROUND WATER INVENTORY UPDATE: 5/1/2011

- Ground Water Storage Pond – 737,500 gallons 92 % of capacity
- The Ground Water Storage Pond maintained a manageable level during April 2011 with a constant discharge to Outfall 001.
- Total Ground Water received for April 2011 – 933,599 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 April 2011 will report full compliance with the 2009 NPDES Permit. All Monitored Parameters were below required discharge limits. 420,500 gallons from the effluent equalization tank (Outfall 100) of treated permeate and 1,535,100 gallons of groundwater (Outfall 101) was discharged to (Outfall 001). A total of 1,195,600 gallons was discharged to the Conestoga River (Outfall 001) during April 2011.

8. Compliance Officer's Report:

A. Monthly Activity Report: Ms. Devine mentioned that Golder Assoc. assisted with the selection of the lab for the ground water sampling contract by reviewing the qualifications of the labs. They also participated in a kickoff meeting with ALS Environmental and CCSWA for the project.

Ms. Devine reported there were two radiation alarms since the last meeting. The isotope was I-131 in both cases and the loads were landfilled.

Ms. Devine mentioned that she and Mr. Watts had tour groups from Downingtown East High School and a group of 80 4th graders from Westtown-Thornbury in the past month.

Ms. Devine mentioned that she submitted a Form U for soil from Grid V at the Imperial Oil Site and that she thinks that job may be winding down.

Ms. Devine also informed the Board she is completing a SWANA Landfill Gas Basics home study course in order to get CEU's towards renewal of her MOLO certification.

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: The Commissioners Ferrell and Cozzone Kindergarten Recycling Contest Award Presentation held at Bethany Christian School (full page color photos included), the Chamber Recycling Subcommittee Meeting and High School Contest Judging, the CCSWA Electronics and Shredding Event (participation down due to economy) and the Springton Manor Farm Compost Demonstration Park meeting. Several recycling presentations were conducted during the past month, the largest being West Vincent Elementary with 500 students and 75 teachers/paraprofessionals and parent volunteers. Data revealed a 33% decrease in latex paint collection and cost savings.

B. Correspondence: Among the items listed, Ms. Fromnick commented the Recycling Coordinators Grant application was submitted. Ms. Fromnick also described the bio-degradable/compostable test being conducted and reminded the board members of the upcoming hazardous waste event.

C. Projects: Work continues on the 2010 Annual Recycling Report, the 2011 HHW Collection Program, waste audit training, contest coordination and website redesign. Ms. Fromnick commented on the importance of the master composters conducting composting presentations and manning displays at community events.

10. Business Manager's Report.

A. April 2011 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for April 2011, indicating that the tonnage of 25,736.17 was 5.4% under budget and was lower than April 2010 by 2.6%.

B. April 2011 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding decreased from 31.70 days in March 2011 to 31.37 days in April 2011. Mr. Gorney stated that the decrease was due to faster payments from several larger accounts.

C. April 2011 Financial Statement: Mr. Gorney presented the Financials for April 2011 stating that we had a gain of \$448,844 for the month. Retained Earnings are at \$46,172,724. The funds invested totaled \$41,997,723.01 at month end. The interest earned in April 2011 was at a rate of 0.46% the same as the 0.46% in March 2011.

D. April 2011 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for April 2011 totaled \$1,472,443.21.

E. Large Dollar Check Approvals: Mr. Gorney presented the May 2011 Large Dollar invoices totaling \$357,527.72, consisting of the attached schedule 10E. Mr. DiLibero made a motion to accept the Large Dollar Invoices as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

F. IRS Compliance Audit – Executive Session: Mr. Gorney informed the Board of the upcoming telephone compliance audit.

G. Investing In Money Market Funds: Mr. Gorney stated that he had met with officials of Meridian Bank, West Chester, PA. The Bank has a Money market Account with the Current interest rate at 1.1%. The account is FDIC insured to \$250,000.00. Mr. Carosella made a motion to invest \$250,000.00 in a money market account at Meridian Bank, West Chester, Pa as presented; Mr. Battavio seconded the motion. The motion was carried by a unanimous vote.

H. General Liability Insurance Renewal: Mr. Gorney presented the General Liability Insurance renewal proposed for the period 6/1/2011 to 5/31/2012. The rate for the new policy is \$ 26,974 vs. \$26,881 for the current policy, an increase of .346%. Mr. Marroletti made a motion to accept the General Liability Insurance renewal as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

There being no further business, the meeting was adjourned at 7:05 p.m.

Prepared by,

Peggy A. Cunius