

CHESTER COUNTY SOLID WASTE AUTHORITY

Work Session — Lanchester

August 23, 2012

- 1. Call to Order:** Bob Schoenberger, Chairman, called the August 23, 2012 *Work Session Meeting* of the Chester County Solid Waste Authority to order at 5:50 p.m.

Authority Members Present

Bob Schoenberger
Peter Knipe
Ramsey G. DiLibero
Vince Carosella
Carmen Battavio
William H. Shirk

Authority Members Absent

Peter Marroletti

Management and Staff Present

Robert A. Watts
Jim Gorney
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. Battavio seconded that the minutes of the June 21, 2012 *Work Session Meeting* and the June 28, 2012 *Regular Session Meeting* be approved. The vote was unanimous.

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

A. Monthly Activity Report: Mr. Watts said he is an International Board Member and he and the Chairman attended the annual meeting of the Solid Waste Association of North America in Washington D.C. Mr. Watts said he had a few inquiries recently about properties covered under the Area E Property Value Guarantee Agreement (PVGA). Mr. Watts said the first house of the year under the Area D PVGA will be listed soon. Mr. Watts said the Northwester Chester County Municipal Authority asked for \$5,000 to start an escrow account for their review of the Planning Module Review. Mr. Watts said he had an exam by the American Academy of Environmental Engineers earlier this month and received notice today that the Committee has recommended his approval as a Board Certified Environmental Engineer Member. Mr. Watts said all but one property is currently rented.

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: The first article in this section was an update on D.A.R in Honey Brook. The second article was concerning the *Tri County Record* article on the August Caernarvon Township Board of Supervisors Meeting where Mr. Watts updated them on a few items including Act 73. One of the last articles in this section was concerning the use of anaerobic digestion in California to process organic waste streams.

D. Chester County Waste Destinations 2nd Quarter 2012: This section contained a graph and the data from the PADEP's website. The graph compares the 2012 tonnage to the 2nd quarter of 2011 Chester County generated waste. The data and the graph has no real surprises, with the biggest difference between the years is the reduction in alternate daily cover received at Lanchester in 2012 compared to 2011.

F. Chester County Minor Plan Update – Update 4: This section contained a draft copy of the updated list of Chester County backup disposal facilities. Mr. Watts said one facility had requested to be added to the table and one was being removed for non-compliance.

H. Donations: Mr. Battavio moved and Mr. Shirk seconded donating money to the organizations listed on the spreadsheet of this section. The vote was unanimous.

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

A. Monthly Activity Report: Mr. Watts said the landfill gas was at 3,100 cfm in July. We received 4.44" of rain in July. Mr. Watts said the extra soil purchased this month was due to getting close to final elevations in the filling of the active area on the western end. Soil was purchased for the southern "wedge" where it meets the top of the

Municipal Site Landfill. We also needed to purchase roadway material for construction of the new road to the top.

6. Facility Engineer's Report:

A. Monthly Activity Report: The Monthly Engineer's Report for August 2012 was presented to the Board. The following items were discussed.

- During the period the contractor, Kinsley Construction, started work on the new compost site. The material submittal and submittal review process was ongoing during the period. Construction work during the period included: surveying; clearing and grubbing; placement of temporary erosion and sedimentation controls; and earthwork.
- On or about August 1, 2012, three new 75 HP variable speed drives were installed by Square D Services at the enclosed flare station. The work was inspected by representatives of Granger Energy. Testing and start-up of the equipment was also completed during the period.
 - During this period Ludgate Engineering provided the following services:
 - Record drawing survey for the Area D, Cell 2 landfill gas system expansion;
 - Design phase survey for the Closure Turf™ Demonstration Project;
 - Update the topographic survey of the active landfill areas;
 - Assistance with the potential land swap.
- During this period, SCS's services included the preparation of the conceptual design for the 2012 Landfill Gas System Expansion.
- During this report period Barton & Loguidice completed the Construction Certification Report for the Area E, Stage 1A. The Report was submitted to PADEP on or about August 3, 2012.
- During this period I prepared a Request for Proposals (RFP) for design and bidding phase engineering services needed for the Alternative Cover System Demonstration planned for Area D, Cell 3. A Public Notice concerning the RFP was published in the Lancaster Newspaper on August 15 and 22. The RFP and all attachments can be viewed on the Authority's web page. Prospective consultants have been invited to attend one of two site visits scheduled for August 27 and 29. The proposals are due on September 12, 2012.

- On July 27, 2012 a meeting was held with Mr. Garry Mocarski of Drillmore Construction and representatives from Granger Energy concerning Area D, Cell 2 LFG Collection System Expansion. The meeting served as a follow up to the June 13, 2012 letter from Granger Energy to Drillmore concerning close-out matters. During the meeting, Mr. Mocarski explained that he has not been available for the last several months due to medical problems. Discussion topics at the meeting included: completion of the record drawings; verification of final quantities; and final payment. During the meeting Mr. Mocarski indicated that he would schedule a meeting with Gary Laird to review the final quantities and record drawings. He is also to furnish Granger and the Authority with required documentation. Submission of the PADEP Certification Report remains on hold pending the completion of the record drawings.

Progress on the preparation of the record drawings was ongoing during this period.

B. ARM Group – Monthly Status Report: A copy of the Monthly Status Report from the ARM Group dated August 15, 2012 was presented to the Board for review.

C. Value Engineering For MSE Berm Geogrid: The August 6, 2012 letter from the ARM Group concerning the value engineering evaluation of the geogrid reinforcement for the Area E MSE berm was presented to the Board. In accordance with the letter, a cost savings of \$600,000 to \$1,000,000 can be realized. Additional design drawings will be required. These additional services can be performed by ARM for \$69,922. It was recommended that the additional services be authorized. A motion to authorize the additional services in the amount of \$69,922 was made by Carmen Battavio with a second by Vince Carosella. The motion passed.

D. Solar Integrated MSE Berm Cost Feasibility: The email from ARM dated July 27, 2012 concerning the installation of embedded anchors for mounting solar panels in the future was presented to the Board. Following the Board's discussion it was agreed that alternate bids for the project would be requested. In this manner the actual cost to include the embedded anchors would be available. A decision concerning the two alternatives can then be made following the receipt of bids.

7. Water Management's Report:

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

JULY HIGHLIGHTS:

- July 2012 landfill leachate 459,645 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	215,626 gallons
Area B	34,610 gallons
Area D	183,088 gallons
Granger gas condensate	26,321 gallons

- July 2011 landfill leachate 362,584 gallons
- July 2012 Rainfall 4.41"

LEACHATE INVENTORY UPDATE: (As of August 21, 2012)

T-101 Leachate Storage Tank	-	0 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	-	272,500 gallons	capacity – 850,000 gallons
<u>T-100 Equalization Tank</u>	-	<u>110,000 gallons</u>	<u>capacity – 110,000 gallons</u>
Total Leachate Inventory	-	382,500 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 21 %

LEACHATE COLLECTION SYSTEM:

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 102,045 gallons was recirculated during the month of July 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)

Remaining Trench Capacity – 7,472,834 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	277,054	1,250,000
2	269,790	1,250,000
3	271,574	1,250,000
4	223,670	1,250,000
Total	960,991 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

- The UFRO Treatment System is currently shut down. New RO membranes are being installed. Early July an electrical storm took out one of the transformers on the 3 phase power supply that feeds the treatment facility. The transformer was scheduled to be replaced on July 20th but actually was replaced on July 26th. The UFRO produced about 10,000 gallons of permeate. Low volume was due to extended downtime.

GROUND WATER INVENTORY UPDATE: 8/23/2012

- Ground Water Storage Pond – 585,000 gallons 73 % of capacity
- The Ground Water Storage Pond maintained a manageable level during July 2012 with a managed discharge to Outfall 001.
- Total Ground Water received for July 2012 – 53,805 gallons.

NPDES PERMIT COMPLIANCE:

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated July 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. 17,400 gallons from the effluent equalization tank (Outfall 100) of treated permeate and 0 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 17,400 gallons was discharged to the Conestoga River (Outfall 001) during July 2012.

8. Compliance Officer's Report:

A. Monthly Activity Report: Ms. Devine mentioned that the 2011 Annual Ground Water report has been submitted to the DEP. The 3rd quarter sampling event was completed August 17th.

Ms. Devine stated that there were six radiation alarms since the last meeting. Two loads were from the same route on consecutive weeks. Two loads were from the Norristown transfer station. The isotope in five of the loads was I-131. The sixth load originated at the Phoenixville Hospital and the isotope was identified as Indium-111. The hospital was contacted and they were going to follow-up internally to insure we did not receive radioactive waste from their facility in the future. Indium -111 has a half-life of 2.8 days. The load was landfilled.

Ms. Devine also mentioned that she and Dawn Nichols attended UST Operator training and received class A & B operator certification.

There were a number of regulatory inspections in the past month. On Aug. 8th Tom Heist from Martin's Water Conditioning and Ms. Devine met with Rick Chapman, Lynne Scheetz and Tom Fridiricci of DEP Bureau of Water for a routine 5 year inspection of the public water supply system. A copy of the inspection report was attached.

Ms. Devine reported that on August 9th, John Pollock from DEP, Waste Management and Steve Baumeister from DEP Air Quality were on site for inspections. Both inspections went well. A copy of the air quality inspection was also attached to Terry's report.

Ms. Devine also informed the Board that on Aug. 13th there was a group of junior master gardeners on site for a tour.

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 East Nottingham Township evening public meeting to explain the requirements of Act 101, the regional hazardous waste meeting and RFP and upcoming pre-proposal meeting with potential vendors, PROP Conference attendance and her presentation on *PAYT in Chester County*, the e-waste collection site meeting in preparation for the Friday, September 7 event, the West Fallowfield Christian School Silver Girl Scout Award Project and a meeting with the new East Marlborough Township recycling coordinator to explain Act 101 requirements.

B. Correspondence: In - Among the items listed the following were noted: County Commissioners adopted a revised recycling policy for County employees and to date 51 HHW 2013-16 municipal commitments have been received. **Out** – A list of correspondence was provided. Of particular note: E-waste announcement dates and DEP regulations were sent to municipalities and Chester County Illegal Dump Site locations and characteristics.

C. Projects: Ms. Fromnick provided a list of projects. **Events:** Phoenixville Green Fest.

10. Business Manager's Report.

A. July 2012 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for July 2012, indicating that the tonnage of 25,702.07 was 5.4% under budget but was higher than July 2011 by 3.9%.

B. July 2012 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding decreased from 34.28 days in June 2011 to 30.45 days in July 2012.

C. July 2012 Financial Statement: Mr. Gorney presented the Financials for July 2012 stating that we had a gain of \$328,966 for the month. Retained Earnings are at \$49,538,704. The funds invested totaled \$43,693,024.32 at month end. The interest earned in July 2012 was at a rate of 0.40% equal to 0.40% in June 2012.

D. July 2012 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for July 2012 totaled \$1,410,760.47.

E. Large Dollar Check Approvals: Mr. Gorney presented the July 2012 Large Dollar invoices totaling \$1,648,738.53, consisting of the attached schedule 10E1. Mr. Battavio made a motion to accept the Large Dollar Invoices as presented; Mr. DiLibero seconded the motion. The motion was carried by a unanimous vote.

F. Phase Payment Installment: Mr. Gorney presented the Phased Payment Installment In the amount of \$825,000.00. This is the eight out of ten installments. Mr. DiLibero made a motion to accept the Phased Payment installment as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

The Board went into Executive Session to discuss property purchase at 7:10 pm. The Board returned to Regular Session at 7:53 pm and adjourned for the night.

Prepared by,

Peggy A. Cunius