

# CHESTER COUNTY SOLID WASTE AUTHORITY

## *Work Session — Lanchester*

*August 22, 2013*

- 1. Call to Order:** Bob Schoenberger, Chairman, called the August 22, 2013 *Work Session* Meeting of the Chester County Solid Waste Authority to order at 5:30 p.m.

*Authority Members Present*

Bob Schoenberger  
Peter Marroletti  
Peter Knipe  
Ramsey G. DiLibero  
Vince Carosella  
Joel Martin

*Authority Members Absent*

Joe Viscuso

*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.** The minutes will be approved at the next meeting.

- 4. Executive Director's Report.**

**A. Monthly Activity Report:** Mr. Watts said his report contained two listings of overweight trucks this month because he sent letters out early this month. Mr. Watts said he and Ms. Nichols had been contacted by Jennifer Morehead of Science Explorers about doing some joint projects at Lanchester. Mr. Watts said his counterpart at Southeastern Chester County Solid Waste Authority had recently retired and he attended the ceremony. Mr. Watts said he recently received the engineering report from the operation of the pyrolysis unit proposed to be run at Lanchester by DEPI. The report was not as complete as promised earlier in the year. Mr. Watts said all the properties are 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. Solid Waste News:** The first article in this section was an update concerning Plasco and their waste to energy plant in Ottawa, Canada. The next article was concerning the Governor announcing more grants for natural gas powered vehicles. The next article was about Andrew Dehoff being appointed the new Executive Director of Susquehanna River Basin Commission. There was an article in this section concerning the state of Maryland setting a recycling rate of 80% by 2030. There was also an article stating that the Lancaster County Authority is getting closer to buying the Harrisburg Incinerator. There was an article on a 3MW solar project at a landfill in MA.

**D. Chester County Waste Destinations 2<sup>nd</sup> Quarter 2013:** This section contained a graph and the data from the PADEP's website. The graph compares the 2013 tonnage to the 2<sup>nd</sup> quarter of 2012 Chester County generated waste. The amount of waste generated in Chester County continues to decline.

**E. Horizontal Grinder:** This section contained a quote on the purchase of a demonstration unit from Vermeer. The second page indicates how much we have paid in recent years to our contractor to grind up and market our wood waste.

**F. Binding Letter of Intent – Reinvention Capital:** This section contained a draft copy of a letter of Intent to allow them to facilitate a feasibility assessment of a conversion technology project at Lanchester.

**G. Chester County Major Municipal Waste Plan Update:** Mr. Watts said this section discusses the history of solid waste planning in Chester County. There was also a discussion of what will be required for the 2014 revision. Mr. Watts said he outlined a number of action items for further discussion.

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

**A. Monthly Activity Report:** Mr. Watts said the landfill gas was at 2,900 cfm in July. We received 6.72" of rain in July. Most of the items in July were routine. We took delivery of a new Cat D-6 dozer. We did receive some contaminated soil and Harrisburg ash for use as alternate daily cover that reduced our monthly daily cover cost. There was also a hand written report from our PADEP inspector in this section.

## 6. Facility Engineer's Report:

**A. Monthly Activity Report:** The Monthly Engineer's Report for August 2013 was presented to the Board. The following items were discussed.

- Construction work on the Area E, Stage 1B contract remained in progress during the period. During this period the Contractor, Kinsley Construction, worked on the remaining punch list items. Record drawings have been submitted and remain under review. Restoration of the Area B perimeter road remains to be completed.
- Construction work on the Area E, Stage 2 & Cell D3 Alternative Cover remained in progress during the period. Work tasks included: construction surveying; landfill gas header installation; earthwork and grading. Additional details can be found in ARM's Project Status Report dated August 15, 2013.
- On August 8, 2013 an approval letter from PADEP regarding Survey tasks performed during this period included: quality assurance survey for the Closure Turf™ cover system project; mid-year survey of the active landfill; topographic survey for landfill gas collection system improvements. There was no activity to report concerning the public sewer planning approval.
- We are currently awaiting the delivery of the final version of the 2013 Capital Plan Update Report and Drawings.
- During this period, SCS Engineers continued conceptual planning activities for landfill gas system improvements.
- On Monday, August 5, 2013 Summer Subsurface Exploration performed drilling at the old compost facility. The drilling was completed in one day. The subsurface conditions are under evaluation due to buried woody waste discovered below the old compost area. I am awaiting the findings of the drilling activities.

**B. 2012 LFG System Expansion – PADEP Certification Approval:** A copy of PADEP's August 6, 2013 approval letter concerning the 2012 Landfill Gas Collection System Improvements was presented to the Board.

**C. ARM Group – Monthly Status Report:** A copy of the Monthly Status Report from the ARM Group dated August 15, 2013 was presented to the Board for review. The report indicates that during this period \$5,067 was billed on the basis of time and expenses for construction phase engineering services for Area E, Stage 1B. About \$8,752 was billed on the basis of time and expenses for the construction phase services for the Area E, Stage 2 and Alternative Cover System Project.

**D. Area E, Stage 1B – Construction Status:** The Monthly Construction Progress Report dated August 15, 2013 regarding Area E, Stage 1B was presented to the Board. The work completed by the Contractor, Kinsley Construction during this period was listed in the report. Payment Application No. 12 was submitted in the amount of \$329,573. A favorable contract adjustment of \$364,978 is being projected, subject to survey verification. Two photographs showing construction progress were attached to the report.

**E. Area E, Stage 2 & Alternative Cover – Construction Status:** The Monthly Construction Progress Report dated August 15, 2013 concerning Area E, Stage 2 and the Alternative Cover System was presented to the Board. The work completed by the Contractor, Severson Environmental, during this period was listed in the report. Payment Application No. 2 was submitted in the amount of \$161,396 for work completed through July 31, 2013. Two photographs showing construction progress were attached to the report.

**7. Water Management’s Report:**

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

**JULY HIGHLIGHTS:**

- July 2013 landfill leachate 731,600 gallons (includes gas condensate)  
Leachate by area breakdown:
  - Area C 56,980 gallons
  - Area B 163,856 gallons
  - Area D 325,959 gallons
- Granger gas condensate 14,421 gallons
  
- July 2012 landfill leachate 362,584 gallons
- July 2012 Rainfall 4.14”
- July 2013 Rainfall 6.70”

**LEACHATE STORAGE UPDATE:** (As of August 13, 2013)

T-101 Leachate Storage Tank	- 280,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 272,500 gallons	capacity – 850,000 gallons
<u>T-100 Equalization Tank</u>	<u>- 42,000 gallons</u>	<u>capacity – 110,000 gallons</u>
Total Leachate STORAGE	- 594,500 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 32 %

**LEACHATE COLLECTION SYSTEM:**

Currently the Leachate collection system is 100% operational. Monthly maintenance is being performed, cleaning strainers on pumps and paddle wheels on flow meters.

**RECIRCULATION SYSTEM**

- 102,000 gallons was recirculated into the recirculation blankets.

**Recirculation to date: 6/1/2013**

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>
A	This trench has reached capacity	
B	This trench has reached capacity	
C	This trench has reached capacity	
D	This trench has reached capacity	
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
<b>Total</b>	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	280,040	1,250,000
2	284,782	1,250,000
3	290,899	1,250,000
4	294,584	1,250,000
<b>Total</b>	<b>1,149,800 (gal)</b>	<b>5,000,000 (gal)</b>

**LEACHATE TREATMENT PLANT (UFRO SYSTEM)**

The UFRO is running good. The plant processed 38,250 gallons during July with an average of 2,013 gallons per day.

**GROUND WATER INVENTORY UPDATE: 6/13/2013**

- Ground Water Storage Pond – 475,000 gallons 59 % of capacity
- The Ground Water Storage Pond Outfall 101 maintained a manageable level during July 2013 no discharge to Outfall 001.
- Total Ground Water received for July 2013 – 203,978 gallons.
- Contractors use water from the groundwater storage pond during the month of July for onsite dust control.

**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 July 2011 has reported 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 0 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 0 gallons was discharged to the Conestoga River (Outfall 001) during July 2013.

## 8. Compliance Officer's Report:

**A. Monthly Activity Report:** Ms. Devine mentioned that the 3<sup>rd</sup> quarter ground water sampling was completed the week of August 5th. Ms. Devine reported that there were no radiation alarms since the last meeting. Ms. Devine also reported that the Title V renewal permit application was submitted the end of June and we received a notice from DEP on July 25<sup>th</sup> that the application has been deemed complete and it now moves on to the technical review. Ms. Devine stated that a copy of the DEP letter was included in her report.

Ms. Devine informed the Board that Linda Poole from DVIT was on site on July 18<sup>th</sup> to conduct the annual workers comp audit. A copy of the report was attached to Ms. Devine's report. A discussion regarding Linda's recommendations followed. Ms. Devine stated that the staff will follow-up on the recommendations.

Ms. Devine also reported that she had submitted a couple of Form U applications to DEP for approval of contaminated soil that would be used as daily cover. Ms. Devine also reported that IU sumps had been pumped and the leachate sent off-site for disposal on Friday August 9<sup>th</sup>.

Ms. Devine also reported that we had received an odor complaint on Monday August 12<sup>th</sup> from a neighbor on Churchtown Road, south of the landfill. We checked into what was going on operationally and made some changes and the problem was corrected. The neighbor was called back to inform him what caused the odors. We also contacted our DEP inspector to inform him of the issue and what had been done to correct it.

## 9. Recycling Coordinator's Report:

**A. Monthly Activity Report:** Ms. Fromnick provided a list of meetings and events attended during the past month: Of particular note, the Regional HHW Committee met with Clean Harbors to discuss invoicing and records of operation issues, Ms. Fromnick attended an evening East Nottingham Township Planning Commission meeting to review the Act 101 requirements lacking in their draft ordinance and attended the 3 day PROP Conference. Ms. Fromnick attended the Capstone Group C Meeting to present her recommendations that they will present to the Commissioners and she presented an "Alternative Cleaning Products" program at the Honey Brook Women's Club.

**B. Correspondence: In** –Of the items listed it was noted that Penn Organic is now only permitted to compost yard waste while Arborganic Acres submitted their registration to continue composting food waste in addition to yard waste.

**Out** – A list of items was provided: Ms. Fromnick commented that a letter and map was sent to all the haulers informing them of the recycling services that should be provided in Chester County municipalities and a leaf waste delivery survey was mailed so the CCSWA could expect and accommodate larger deliveries on specific days.

**C. Projects:** Ms. Fromnick provided a list of projects. Of particular note: The 2012 Annual Report has been finalized, Ms. Fromnick is also working on the County 902 grant disbursement and the trash/recycling cost survey results are attached.

**10. Business Manager's Report.**

**A. July 2013 Monthly Tonnage Report:** Mr. Lozenski presented the Tonnage Report for July 2013, indicating that the tonnage of 27,621.91 was 5.6% above budget and was higher than July 2012 tonnage received by 7.5%. Mr. Lozenski stated that the July 2013 Y-T-D tonnage received was 2.8% lower than the July 2013 Y-T-D budgeted tonnage and 2.8% lower than the July 2012 Y-T-D actual tonnage.

**B. July 2013 Accounts Receivable:** Mr. Lozenski stated that receivable days outstanding decreased from 38.42 days in June 2013 to 37.76 days in July 2013.

**C. July 2013 Financial Statement:** Mr. Lozenski presented the Financials for July 2013 stating that we had a gain of \$548,088 for the month which was 36.4% above what was budgeted for the month. Retained Earnings at the end of July 2013 were at \$54,647,637. The funds invested totaled \$44,757,642.37 at month end. The interest earned in July 2013 was at a rate of 0.14% compared to 0.22% in June 2013.

**D. July 2013 Vendor Check Register Report:** The Vendor Check Register for July 2013 was presented to the Board. The checks totaled \$2,244,702.22.

**E. Large Dollar Check Approvals:** Mr. Lozenski presented the July 2013 Large Dollar invoices totaling \$603,435.80 per the attached schedule 10E. Mr. DiLiberio 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. Resolution to Transfer Funds to The Revenue Fund:** Mr. Lozenski asked the Board for a motion to transfer \$435,775 from the Equipment Replacement Fund to the Revenue Fund to reimburse the Revenue Fund for the payment of \$425,814 for the purchase of a CAT D6TLGP Dozer and \$9,961 for the purchase and payment of a Fire Protection System. Mr. Carosella made a motion to approve the transfer per CCSWA Resolution 2-2013; Mr. Martin seconded the motion. The motion was carried by a unanimous vote.

There being no further business, the meeting was adjourned at 7:02 p.m.

Prepared by,

Peggy A. Cunius