

# CHESTER COUNTY SOLID WASTE AUTHORITY

## *Combined Work Session & Regular Meeting — Lanchester*

*September 26, 2013*

- 1. Call to Order:** Bob Schoenberger, Chairman, called the September 26, 2013 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  
Peter Marroletti  
Joel Martin  
Joe Viscuso

*Authority Members Absent*

Ramsey G. DiLibero

*Management and Staff Present*

Robert A. Watts  
Jim Gorney  
Owen Esterly  
Gary Laird  
Teresa A. Devine

*Solicitor*

Vincent M. Pompo, Esquire

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

The Chairman had no announcements. Mr. Watts reminded everyone about the Open House on Saturday, October 5<sup>th</sup> from 9am until 1pm. Mr. Watts said we will have the same activities that we have been doing in recent years.

- 3. Meeting Minutes:** Mr. Marroletti moved and Mr. Knipe seconded that minutes of the August 22, 2013 *Work Session Meeting* and the August 29, 2013 *Regular Session Meeting* be approved. The vote was unanimous.

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

**A. Monthly Activity Report:** Mr. Watts said we were recently contacted by the Commonwealth Connections Academy for their first tour of Lanchester. Mr. Watts said Keep PA Beautiful sent us a letter thanking us for being part of the Great American Cleanup of PA. Mr. Watts said most of the correspondence was routine, but there is the occasional interesting call like the one on September 20<sup>th</sup> when someone wanted to dispose of their boat. Mr. Watts said he had a meeting on August 20<sup>th</sup> with Mr. Zylstra of Granger Energy to discuss some of the personnel changes they have been making. Along with Clean Energy we hosted some of our haulers for a dinner and discussion on building a CNG fueling station at Lanchester. There was some interest, but Mr. Watts said he was not sure if there was enough to justify the installation at this time. Mr. Watts said he was part of a solid waste panel discussion at Pennsylvania Municipal Authority Association's Annual Meeting on August 27<sup>th</sup>. Mr. Watts said he and Ms. Nichols meet with Mr. Martin to discuss ways to improve the monthly operational reports. Some of Mr. Martin's suggestions are included in the Operations Report this month. Mr. Watts thanked the Board for allowing him to attend SWANA's annual WASTECON Conference. Mr. Watts said Mr. Schoenberger was one of the Keynote speakers and gave a presentation on the relationship between regulations and solid waste over the last 60 years. Mr. Watts said all but one of the houses is currently rented. We were contacted this week by a homeowner on Wertztown Road who is planning to put his house up for sale soon. His house is covered under the Area D Property Value Guarantee Agreement. Mr. Watts said 1056 Elwood Street – a house that will be covered by the Area E Property Value Guarantee Agreement was listed last September 18<sup>th</sup> and sold recently for \$187,000.

**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:** Mr. Watts said the Governor has nominated Chris Abruzzo to be the next PADEP Secretary. He is currently serving as the interim Secretary. The Tri-County Landfill in the Grove City area had its permit rejected by the PADEP again. State Senator Leach is proposing a \$0.02 tax per plastic bag sold in PA. California is requiring mattress manufacturers to recycle mattresses. There will be a fee of \$8 to \$14 per mattress to cover the cost of recycling. The next article was concerning the Lancaster County Commissioners supporting the Lancaster Authority's purchase of the Harrisburg waste to energy plant. Williams Township (near Easton) is said by their local landfill to be in breach of the Host Agreement and could result in stoppage of host fees. In this section is a joint letter from SWANA and NSWMA in support of exclusion for biogenic carbon dioxide from the Clean Air Act.

**D. Horizontal Grinder:** Mr. Watts said he is working on a deal with a wood processor to take our wood and we would take bottom ash as an alternate daily cover. So there might not be a need for a grinder purchase.

**E. Chester County Major Plan Update:** Mr. Watts said he and Ms. Fromnick are considering completing this task on their own.

**F. Mountain Top Landfill Solar Project:** With the changes in the renewable energy market the developer now is asking the Authority to buy and pay for the installation of a reduced number of panels for almost a million dollars. They figure the payback will take about fourteen years. The Board directed Mr. Watts to put the solar project on hold until the market is more favorable.

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

**A. Monthly Activity Report:** Mr. Watts said most items in this section this month were routine, we recorded 6.25 inches of rain for August. We used 237,200 gallons of water for dust control for the month. We used 7,155 gallons of odor neutralizer for the month. The Cat 973 track loader was delivered and put into service. The deer hunt for disabled veterans has been filled and scheduled. We have also filled the 30 slots for hunting on our property outside the fence during the three deer hunting times. We will be holding our first event with the Science Explorers – What Animals leave Behind, Recycled Paper, Reduce, Re-Use, Recycle – October 12<sup>th</sup> in the Board Room. Mr. Watts said the cost to cover waste was down this month again because we received ash from Harrisburg and some contaminated soil, both approved by PADEP for daily cover. Mr. Watts said the Harrisburg ash will likely finish up in November and the contaminated soil job was finished. Mr. Watts said the inspection report from the PADEP, and both Caernarvon Host Municipal Inspectors were included in this section. Mr. Watts said the reports did not note any items of concern.

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

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

- Construction work on the Area E, Stage 1B contract has been substantially completed. A partial payment application is in the amount of \$377,874. The application includes a request to reduce the amount of retainage from ten to five percent. The final application for payment and quantity adjustment is not expected until October.
- Construction work on the Area E, Stage 2 & Cell D3 Alternative Cover remained in progress during the period. The September payment application was submitted on September 19, 2013. The application is in the amount of \$246,742. Details concerning construction progress can be found in ARM's Project Status Report dated August 15, 2013.

- Survey tasks performed during this period are found listed in the Report. Ludgate reports that the local sewer authority is expecting PADEP to issue tighter discharge standards for the POTW. Revised industrial discharge standards have been received and remain under review.
- During this period, the ARM Group completed a minor permit modification to allow for the construction of a new access road. The access road will be located on northern side of Area C and will provide access to the future location of the scenic overlook. The PADEP performed a “completeness” review of the application. An Administrative Completeness letter was issued by PADEP on September 9, 2013. Final revisions to the 2013 Capital Plan Update were received from ARM on or about September 6, 2013. Please refer to ARM’s Monthly Status Report dated September 13, 2013 for additional details concerning ARM’s activities and assignments. Please note that ARM’s monthly fee for Construction Phase Engineering Services is \$5,673. The cumulative total for this task is now \$48,982. This task is being paid on the basis of time expenses.
- During this period, SCS Engineers provided conceptual planning services for landfill gas system improvements, including the review of gas production data for existing extraction wells. Recommendations and a conceptual drawing are expected before the end of September. Following the completion of the conceptual plan phase, a proposal will be requested for final design and bidding phase engineering services.
- On September 19, 2013 I notified one of Severson’s independent truck drivers that the use of Churchtown Road (to the north of the LTP entrance) is contrary to contact requirements. Drivers committing a second violation will not be permitted future entry to the site.
- On Friday, September 13, 2013 I escorted Mr. John Oren and Mr. Ajaz Uddin of PADEP for a tour of the construction activity. The two responded favorably to their observations and expressed confidence the oversight of ARM and the Authority.

**B. ARM Group – Monthly Status Report:** A copy of the Monthly Status Report from the ARM Group dated September 13, 2013 was presented to the Board for review.

**C. Area E, Stage 2 & Alternative Cover – Construction Status:** The Monthly Construction Progress Report dated September 19, 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. Two photographs showing construction progress were attached to the report.

**D. Area E, Stage 1B – Construction Status:** A copy of the Certificate of Substantial Completion, dated July 5, 2013 and related correspondence concerning the Area E, Stage 1B contract was presented to the Board.

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

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

**AUGUST HIGHLIGHTS:**

- August 2013 landfill leachate 563,400 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

- August 2012 landfill leachate 362,584 gallons
- August 2012 Rainfall 4.70"
- August 2013 Rainfall 6.20"

**LEACHATE STORAGE UPDATE: (As of August 31, 2013)**

T-101 Leachate Storage Tank	- 197,500 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 192,500 gallons	capacity – 850,000 gallons
T-100 Equalization Tank	- 110,000 gallons	capacity – 110,000 gallons
Total Leachate STORAGE	- 500,000 gallons	capacity – 1,810,000 gallons

Total percent of storage utilized - 27 %

**LEACHATE STORAGE BALANCE**

August 1 <sup>st</sup> 2013 leachate in storage	727,500
August 2013 landfill leachate	<u>+563,400</u>
<b>Total</b>	<b>1,290,900</b>
August 2013 leachate hauled	<u>- 689,000</u>
<b>Total</b>	<b>601,900</b>
August 2013 treated leachate	<u>- 52,370</u>
<b>Total</b>	<b>549,530</b>
August 2013 ending leachate storage	<u>518,000</u>
<b>Difference</b>	<b>31,530</b>

**LEACHATE HAULING**

Hauling of leachate to Exeter WWTP continued through the month of August 2013. A total of 689,000 gallons were hauled off site for treatment.

**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**

- 232,000 gallons was recirculated into the recirculation blankets during the month of August 2013.

**Recirculation to date: 8/31/2013**

<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>	<b>14,283,692 (gal)</b>	<b>21,681,836 (gal)</b>

Remaining Trench Capacity – 7,472,834 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	333,940	1,250,000
2	344,432	1,250,000
3	349,499	1,250,000
4	354,434	1,250,000
<b>Total</b>	<b>1,381,800 (gal)</b>	<b>5,000,000 (gal)</b>

**LEACHATE TREATMENT PLANT (UFRO SYSTEM)**

The UFRO is running good. The plant processed 52,370 gallons during August.

**GROUND WATER INFLOW/STORAGE UPDATE: 8/31/2013**

- Ground Water Storage Pond – 475,000 gallons 59 % of capacity
- The Ground Water Storage Pond Outfall 101 maintained a manageable level during August 2013 no discharge to Outfall 001.
- Total Ground Water received for August 2013 – 233,867 gallons.
- Contractors use water from the groundwater storage pond during the month of August for onsite dust control.

**NPDES PERMIT COMPLIANCE:**

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated August 27, 2009 – The NPDES DMR Outfall 001, 100 and Outfall 101 for August 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 August 2013.

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

**A. Monthly Activity Report:** Ms. Devine mentioned that the 3<sup>rd</sup> quarter ground water data had been received and would be downloaded to the database and reviewed. She reported that there were two radiation alarms since the last meeting. Both isotopes were medical and the loads were landfilled.

Ms. Devine also reported that the Title V renewal permit application was under technical review by the PADEP. She also mentioned that Steve Baumeister, DEP was on site on August 21<sup>st</sup> to conduct the annual air quality inspection. There were no deficiencies noted. A copy of Steve's report was attached for the Board's information.

Ms. Devine stated that she included a new section in her report, to report any odor or citizen complaints that had been received in the past month. She reported that Becky Adams from Wertztown Road had called to report odors on September 5<sup>th</sup>. Ms. Adams stated that they were every day for months and that she was calling DEP and her lawyer. I offered to go over to her house to try to identify the source but she said she didn't really smell odors at that time. I called John Pollock, our DEP inspector to report the complaint. Ms. Adams also called DEP. Chester County Solid Waste Authority staff members drove past her house to check for odors on numerous occasions that day and no odors were detected. Steve Baumeister, the DEP air quality inspector came out on Friday September 6<sup>th</sup>. He checked for odors at Ms. Adams house and at the landfill and noted none. On Sept. 10<sup>th</sup> Terry received a phone call from Steve Baumeister at DEP informing her that Ms. Adams had called him back to report that the landfill was probably not the source of the odors she had smelled. She mentioned her neighbor has a failing on lot septic system and the Salisbury Township sewage enforcement officer was handling the matter, and that was likely the source of the odors she had been noticing.

Ms. Devine informed the Board that SCS Field Services conducted the quarterly surface emission monitoring on August 30<sup>th</sup>. There were two locations on Area D2 that had methane readings of >500 PPM. On Sept. 5<sup>th</sup> Ms. Devine met with Skip Graham to locate the areas so that the Operations staff could make any needed repairs to the area prior to the 10-day recheck on Sept. 9<sup>th</sup>. The 10-day recheck was completed on Sept. 9<sup>th</sup> and there were no exceedences noted.

Ms. Devine reported that the current landfill permit was set to expire on July 1, 2014. Renewal applications were to be submitted 270 days prior to the expiration date. On September 13<sup>th</sup>, John Oren from DEP was on site to conduct an inspection of the ongoing construction. Owen hand delivered the landfill permit renewal application to John Oren during his visit.

Ms. Devine also reported that she conducted perimeter monitoring of the landfill gas probes on Sept. 19<sup>th</sup>. Probe #16 had some methane detected at 1.7%. Granger had been contacted to up the vacuum on the wells along the fence on Mountain top in order to try to alleviate the methane in probe #16. Retests showed the methane level was coming down, as it was at 1.2 % methane on Sept. 26<sup>th</sup>. Ms. Devine said she would continue to monitor that location every few days. A copy of the quarterly perimeter gas monitoring report was attached to Ms. Devine's report.

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

**A. Monthly Activity Report:** Mr. Watts said Ms. Fromnick was on vacation this week; so he will be giving her report. Mr. Watts said the first part of her report was all of the meetings she attended recently. She was copied on a PADEP generated letter of non-compliance for East Nottingham Township – for not starting planning for curbside recycling as a mandated community. Ms. Fromnick also attached recent newspaper articles on solar powered waste containers in West Chester and an article on the \$0.02 per plastic bag tax proposed by a PA legislator. There was also an article about the third annual cleanup of a park in Coatesville. There was an article about Ethermore 905 doubling the size of its tin recycling operations in West Goshen. There were two articles in her section concerning glass from CRTs. The last article was concerning a Philadelphia company Kuusakoski Recycling making CRT glass as alternate daily landfill cover. The last item in this section was a copy of the \$250,000 check CCSWA received from the PADEP because Ms. Fromnick applied for a grant to pay a portion of the costs of the leaf composting equipment.

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

**A. August 2013 Monthly Tonnage Report:** Mr. Gorney presented the Tonnage Report for August 2013, indicating that the tonnage of 25,795.75 was 8.3% under budget but was lower than August 2012 by 9.0%.

**B. August 2013 Accounts Receivable:** Mr. Gorney stated that receivables day sales outstanding increased from 37.76 days in July 2013 to 39.22 days in August 2013. Mr. Gorney stated that the increase was due to slower payments from AJ Blosenski. We are working with the account to bring the balance to current status.

**C. August 2013 Financial Statement:** Mr. Gorney presented the Financials for August 2013 stating that we had a gain of \$644,003 for the month. Retained Earnings are at \$55,291,640. The funds invested totaled \$45,095,448.61 at month end. The interest earned in August 2013 was at a rate of 0.14% equal to 0.14% in July 2013. Mr. Knipe made a motion to accept the August 2013 Financials as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

**D. August 2013 Vendor Check Register Report:** The Vendor Check Register was presented to the Board. The checks for August 2013 totaled \$1,391,012.22. Mr. Marroletti made a motion to accept the Check Register Report as presented; Mr. Martin seconded the motion. The motion was carried by a unanimous vote.

**E. Large Dollar Check Approvals:** Mr. Gorney presented the September 2013 Large Dollar invoices totaling \$1,346,912.15, consisting of the attached schedule 10E. Mr. Carosella made a motion to accept the Large Dollar Invoices as presented; Mr. Viscuso seconded the motion. The motion was carried by a unanimous vote.

**F. Phase Payment Installment:** Mr. Gorney presented the documents for the deposit of the 9<sup>th</sup> of 10 Phased Payments of \$825,000.00. The total amount of the phased payment bond is \$8,224,000.00. Mr. Carosella made a motion to approve the Resolution as presented; Mr. Martin seconded the motion. The motion was carried by a unanimous vote.

**G. Resolution To Transfer From Equipment Fund To Revenue:** Mr. Gorney presented the resolution to transfer funds to purchase the CAT 973D Track Type Loader in the amount of \$480,010. Mr. Knipe made a motion to approve the Resolution as presented; Mr. Marroletti seconded the resolution. The motion was carried by a unanimous vote.

**H. Resolution To Transfer From Area E Construction Fund to Revenue:** The resolution for the funds transfer to cover the construction expenditures of phase 2 Area E in the amount of \$781,305 was presented to the Board. Mr. Viscuso made a motion to approve the Resolution as presented; Mr. Carosella seconded the resolution. The motion was carried by a unanimous vote.

The meeting was adjourned at 7:15.

Prepared by,  
Peggy A. Cunius