

CHESTER COUNTY SOLID WASTE AUTHORITY

Work Session — Lanchester

October 18, 2012

- 1. Call to Order:** Bob Schoenberger, Chairman, called the October 18, 2012 *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
Carmen Battavio
William H. Shirk

Authority Members Absent

Vince Carosella

Management and Staff Present

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

Solicitor

Vince Pompo, Esquire

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

The Chairman said he wanted to thank the staff, their spouses and relatives for making it another successful Open House.

- 3. Meeting Minutes.** The minutes of the *Work Session Meeting*, September 20, 2012 and the *Regular Session Meeting*, September 27, 2012 will be approved at next week's *Regular Session Meeting*.

- 4. Executive Director's Report.**

Mr. Watts said we have two visitors from Granger Energy tonight. Todd Davlin from their main office and Joe DiFerdinando an Electrical Engineer that works at the local facilities. Todd explained how the two events that resulted in a Notice of Violation from the Department of Environmental Protection occurred. They went on to explain as to what has been done to prevent these problems from occurring in the future.

The second two visitors were from A.J. Blosenski, Inc. Jim Clark and Bob Hart asked

the Board to reconsider how the municipal discount is applied to the tipping fee. They suggested the discount also be given to the haulers that have contracts with municipalities. The Board said they will not be making any changes at this time but thanked them for their suggestion.

A. Monthly Activity Report: Mr. Watts said he would like to highlight a few items from his monthly report. We have been notified by the Northwestern Chester County Municipal Authority that they have reduced our escrow by \$2,238.76 for engineering review of our request for sewer line extension. We received a nice thank you note from the Caernarvon Fire Co Auxiliary for having them help us with the Open House again this year. This is a fundraiser for them and a big help to us feeding a hungry crowd. We estimate that we had over 1,600 attendees at this year's Open House. Mr. Watts said there were a few guests abusing the free chicken lunch by taking many meals back to their cars for later consumption. Mr. Watts said staff had suggested requiring tickets for the meal which would be given out when they signed in. The Board agreed with this idea. Mr. Watts said we have signed the engagement letter with our Auditor for 2012 and they have supplied us with a copy of their Professional Indemnity Insurance. Mr. Watts said the Chester County Health Department recently completed the final step in the Chester County Solid Waste Plan minor update by sending it to the PADEP for their approval. Mr. Watts said he wanted to share with the Board a recent customer contact. We have been receiving a compactor roll off container of wood once a week that has been contaminated with foam packing material. The wood goes through an auger/grinder before entering the compactor container. Our wood grinding contractor was on site and when this load arrived we had the hauler dump it in a separate area so we could take a closer look at it. Wood crates and pallets appeared to have foam packing material either glued or stapled to the wood. Our contractor does not like the contamination and the foam can lead to a litter problem during the wood grinding for us. Mr. Watts took some pictures and sent an email to the hauler explaining the problem. Mr. Watts received an email back within an hour that said one of his pictures included a very expensive part and would he please save it. The generator arrived the next morning to retrieve the part. They committed to doing a better job of separating the clean wood from wood that has foam attached. The customer was planning to ask their employees how a brand new part was thrown into the grinder without the small crate ever being opened. Mr. Watts said all but one of the houses we own is currently rented. Mr. Watts said there are currently three Area E properties for sale, but none has activated to Property Value Guarantee Agreement yet.

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 first article in this section was concerning the quarterly Citizen's Advisory Meeting held at the Conestoga Landfill. There was also an article in this section concerning that the Conestoga Landfill is planning to install 29 new landfill gas collection wells. There were two articles in this section on Flow Control, but neither had any effect on Flow Control in Chester County. There was an article on

the hearing on the Harrisburg WTE Plant. There is at least one more hearing scheduled on how the plant got so far in debt.

D. Request For Donations: Included in this section is a copy of requests for donations from the Chester County Intermediate Unit and the Honey Brook Lions Club.

E. Response To September 11, 2012 NOV: This section contains a copy of an October 1, 2012 response by Mr. Watts and the September 25, 2012 response by Granger Energy without attachments.

5. Operations/Site Development Report:

A. Monthly Activity Report: Mr. Watts said the landfill gas flow has been in the 3,100 cubic foot per minute range in September. Our rain gauge recorded 3.99” of rain for September. Mr. Watts said our contractor started processing wood at the end of last week. Mr. Watts said most of the items this month have been routine. With the change of seasons the winds are picking up so we have our contracted labor spending more time picking up litter and less weed whacking. The cost to cover the waste was again on the higher side with only a reduced amount of incinerator ash being accepted as alternate daily cover in September. We also constructed a new road to the top of Area D before we removed and fill the old one.

6. Facility Engineer’s Report:

A. Monthly Activity Report: The Monthly Engineer’s Report for October 2012 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. Work included: completion of the new compost site, installation of storm water culverts and channels; and crushing and processing of stockpiled soil into structural fill.
- During this period, SCS Field Services attempted to replace the defective pilot system. At the Utility Flare. This will be completed as soon as the existing supports are replaced. The three existing wind shroud will also be replaced or repair. The flare will need to be lowered to improve access for the welding. The welding and repairs are scheduled to begin this week.
- During this period, the electric meter at the Enclosed Flare was replaced and surge protection to the meter was added.
- During this period Ludgate Engineering provided the following services:
- Field location survey of the Columbia Gas Pipe for the potential land swap;
- Additional surveying and editing of the Cell D2 Landfill Gas System record drawings;
- Field survey for the IU fencing project.
- During this period, ARM discussed the option of using Closure Turf™ as MSE wall facing with PADEP. In response, PADEP advised that this use of Closure Turf™ would require a minor permit modification. The use of Closure Turf™ as MSE wall facing would result in a minimum cost increase of about \$933,000. Therefore, the option of an alternative vegetative facing has been suggested. This option will not

- require a permit modification. A discussion concerning wall facing options and maintenance practices followed. Consideration of an alternative vegetative facing will proceed.
- During this period SCS began preparing bid documents for the 2012 LFG Collection System Expansion. This work remains in progress.
 - The Construction Certification Report for the Area E, Stage 1A was submitted to PADEP on or about August 3, 2012. On Friday, October 12, 2012, Ajaz Udin and Mark Embeck from PADEP conducted an inspection of the completed work. We are awaiting PADEP's approval of the Certification Report.
 - During this period many questions concerning existing survey records were resolved on the Area D, Cell 2 LFG Collection System project. This progress was in large part the result Gary Laird's meeting with Drillmore Construction. Final edits to the Record Drawings should be completed before the end of October. Submission of the PADEP Certification Report will immediately follow the completion of the Record Drawings.

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

C. Area E, Stage 1B Construction, Status Report: A copy of the Construction Progress Report concerning Area E, Stage 1B was presented to the Board. The Report provided additional details concerning the work completed during the period.

D. Area E, Stage 2 – Construction Phase Engineering: The letter from the ARM Group dated October 15, 2012 concerning the need for out-of- scope engineering services on the Area E project was presented to the Board. An earlier ARM letter dated May 10, 2011 was included as an attachment. The May 10th letter identified defects in the PMA documents prepared by Geosyntec. These defects required revisions to the project schedule, including the addition of a third set of bidding documents. ARM was requesting a budget amendment in the amount of \$152,000 for the Bidding and Construction Phase Engineering Services that still remain to be completed on Area E, Stage 2. Discussion of the matter followed including questions concerning the defects identified in the PMA documents prepared by Geosyntec. At the conclusion of the discussion Peter Knipe requested that ARM be asked to furnish direct cost tracking information and documentation for the specific out-of-scope services performed by ARM.

E. Alternate Cover Demonstration Design Phase – Cost Proposal Summary: The e Cost Proposal Summary of the Alternate Cover Demonstration design phase was presented to the Board for review and consideration. The cost proposal results were discussed. A decision concerning the award of these services was deferred until next week's Regular Meeting.

7. Water Management's Report:

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

SEPTEMBER HIGHLIGHTS:

- September 2012 landfill leachate 338,399 gallons (includes gas condensate)
 Leachate by area breakdown:
 Area C 146,194 gallons
 Area B 61,614 gallons
 Area D 104,024 gallons
 Granger gas condensate 26,567 gallons
- September 2011 landfill leachate 918,811 gallons
- September 2011 Rainfall 11.72”
- September 2012 Rainfall 3.97”

LEACHATE INVENTORY UPDATE: (As of September 18, 2012)

T-101 Leachate Storage Tank	-	0 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	-	435,000 gallons	capacity – 850,000 gallons
T-100 Equalization Tank	-	110,000 gallons	capacity – 110,000 gallons
Total Leachate Inventory	-	545,000 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 29 %

LEACHATE COLLECTION SYSTEM:

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 68,000 gallons was recirculated during the month of September 2012. Recirculation for the month was into the leachate blankets. This system was shut down for part of the month for a pump rebuild.

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	355,778	1,250,000
2	347,510	1,250,000
3	316,262	1,250,000
4	269,763	1,250,000
Total	1,140,216 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

- The UFRO produced 63, 020 gallons of permeate during the month of September 2012. During the first week of the month the processor failed and had to be replaced, which caused some downtime.

- The UFRO Treatment System is currently shutdown. During this period the RO feed tank developed a series of weld failures where the sidewalls meet the floor. The tank began leaking and reached a condition where the system had to be shut down and cleaned for repairs. 4 RFQ's were issued for the repair work. As of today only two companies have decided to respond to the request. A brief summary of the proposals follows.

IK Stoltzfus Service Corp

Item 1: Replacement of 10' diameter steel floor - \$11,550.00

Item 2: Prepare new floor and rust areas for coating - \$6,220.00

Total - \$17,820.00

Atlantic Fabricators

Item 1: Replacement of 10' diameter steel floor - \$9,200.00

Item 2: Prepare new floor and rust areas for coating – did not quote

GROUND WATER INVENTORY UPDATE: 9/18/2012

- Ground Water Storage Pond – 630,500 gallons 79 % of capacity
- The Ground Water Storage Pond maintained a manageable level during September 2012 with a managed discharge to Outfall 001.
- Total Ground Water received for September 2012 – 30,956 gallons.

NPDES PERMIT COMPLIANCE:

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated September 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. 0 gallons from the effluent equalization tank (Outfall 100) of treated permeate and 42,000 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 42,000 gallons was discharged to the Conestoga River (Outfall 001) during September 2012.

8. Compliance Officer's Report:

A. Monthly Activity Report: Ms. Devine mentioned that the 3rd quarter ground water sampling data was submitted to the DEP on Oct. 5th.

Ms. Devine informed the Board that there were six radiation alarms since the last meeting. Three originated at the Norristown transfer station, one came from SECCRA and the other two were from Phoenixville and Honey Brook Township. All radioactive isotopes were identified as short lived medical isotopes, I-131 and In-111. All loads we landfilled.

Ms. Devine mentioned that on September 24th she accompanied DEP inspector John Pollock around the site for an inspection. All went well.

Ms. Devine also mentioned that on Sept. 24th & 25th she conducted quarterly water level measurements in on-site wells and also monitored the perimeter gas wells for methane.

Ms. Devine also stated that on Sept. 28th and Oct. 12th she attended flare operation and flare recorder operation training at the granger facility. Granger was training their personnel and invited Chester County Solid Waste Authority personnel to the training sessions as well.

Lastly Ms. Devine informed the Board that she attended "smoke school" on October 9th to be re-certified as a visible emissions evaluator as required by our Title V permit.

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 October 13 HHW Event at the Government Services Center that serviced over 1760 families and filled 5 tractor trailer loads of e-waste. Ms. Fromnick also coordinated a tour of the Victory Brewing facility, the Green Business Award nominee. Everyone agreed that the recycling program was extremely impressive and well deserving of the award.

B. Correspondence: In - Among the items listed it was noted that the 2011 recycling coordinators grant was approved by DEP and a check will be forthcoming. West Caln signed their 2013-2016 HHW municipal commitment resulting in 67 yes and 2 no. Ms. Fromnick will continue to solicit participation

Out – Of the items listed Ms. Fromnick commented that she notified all municipalities of the Covered Device Act, notified all haulers of the newly mandated municipalities by also providing maps, and flyers and sent personalized messages to all Atglen and Parkesburg council members, mayors and managers informing them of the Covered Device Act. She reminded them that HHW partnerships will solve that issue. Recycling contest packets were sent to all principals (public, private and parochial).

C. Projects: Ms. Fromnick provided a list of projects.

All of our Clear Stream containers were borrowed for the Boy Scouts of American Run for Scouting.

Ms. Fromnick made note of the volunteer efforts of the master composters.

10. Business Manager's Report.

A. September 2012 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for September 2012, indicating that the tonnage of 24,700.92 was 10.5% under budget and was lower than September 2011 by 12.1%.

B. September 2012 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding increased from 32.97 days in August 2012 to 35.66 days in September 2012. Mr. Gorney stated that the increase was due to slower payments from several larger accounts.

C. September 2012 Financial Statement: Mr. Gorney presented the Financials for

September 2012 stating that we had a gain of \$307,047 for the month. Retained Earnings are at \$50,181,147. The funds invested totaled \$43,985,416.67 at month end. The interest earned in September 2012 was at a rate of 0.29% equal to 0.29% in August 2012.

D. September 2012 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for September 2012 totaled \$1,893,043.50.

E. Large Dollar Check Approvals: Mr. Gorney presented the October 2012 Large Dollar invoices totaling \$1,289,553.74, consisting of the attached schedule 10E. 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. Act 101 – 3rd Quarter 2012: Mr. Gorney presented the 3rd Quarter 2012 Act 101 Payment for September 2012 totaling \$778,668.65 consisting of the attached schedule 10F. Mr. Shirk made a motion to accept the 3rd Quarter 2012 Act 101 Payment for January 2010 as presented; Mr. Knipe seconded the motion. The motion was carried by a unanimous vote.

There being no further business, the meeting was adjourned at 7:33 p.m.

Prepared by,

Peggy A. Cunius