

CHESTER COUNTY SOLID WASTE AUTHORITY

Work Session — Lanchester

January 24, 2013

- 1. Call to Order:** Bob Schoenberger, Chairman, called the January 24, 2013 *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
Peter Knipe
Carmen Battavio
Peter Marroletti

Authority Members Absent

William H. Shirk
Vince Carosella

Management and Staff Present

Robert A. Watts
James M. Gorney
Owen Esterly
Gary Laird
Teresa A. Devine

Solicitor

Vincent M. Pompo, Esquire

- 2. Chairman's Announcements/Public Comments.**
The Chairman said the first order of business was the election of Officers to the Authority Board for 2013. Mr. Pompo was appointed temporary Chairman for the vote for Chairman. Mr. Marroletti moved and Mr. Battavio seconded appointing Mr. Schoenberger the Chairman for 2013. The vote was unanimous. Mr. Schoenberger moved and Mr. Battavio seconded reappointing the remaining Officers to the same position for 2013. The Chairman had no announcements. The vote was 4-1.
- 3. Meeting Minutes.** The minutes of the *Combined Meeting Session* of December 20, 2012 are in the Board Book for approval at the *Regular Session Meeting* next week.
- 4. Executive Director's Report.**

A. Monthly Activity Report: Mr. Watts said he wanted to highlight a few items in his report after he discussed two items that were not in his report. The first item was a PowerPoint from a tour he took while at SWANA's Senior Executive Seminar last week. The photos and videos were from a Materials Recovery Facility and a Household Hazardous Waste collection facilities he visited. The second item that was not in the Board Book because we are still in discussions with the PADEP on a Consent Assessment. This is concerning the NOV we received last year for the landfill gas flare being out of compliance. Mr. Watts said the fine has been set at \$4,000 and they are still discussing the language of the assessment. Mr. Watts said he might have something by next week's meeting. There was some discussion about the procedures to appeal this assessment, but nothing was decided at this time. Mr. Watts said the first item of correspondence in his report this month was from the PADEP because he has been designated by Chester County to be copied on all solid waste correspondence on their behalf. Mr. Watts said one of the most interesting contacts in December was from a wholesale plant distributor that was looking to lease over 20 acres of flat land with irrigation water. Mr. Watts said he informed him we did not have 20 acres of cleared flat land to lease out. We had a visit from an employee of the Chester County Health Department earlier this month with a pickup truck filled with one gallon containers of contaminated milk. Mr. Watts said Mr. Smale, Weighmaster, did a good job by telling him that he needs a permit to dispose of liquids in a landfill from gallon containers. The Health Department worker then came to the office where he and Ms. Devine said they would help him obtain the proper permits, but he left. Mr. Watts said he was working on updating some of the recycling instructions for the Small Load Facility with Ms. Fromnick and Ms. Andrien. Mr. Watts said most of the remaining items were routine. All but one of the rental properties is occupied. We recently collected \$142.50 for old phone parts sold at auction.

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 lead article in this section was concerning the January Caernarvon Township Board of Supervisor's Meeting. The second article in this section was concerning the electronics ban from landfills in PA that goes into effect today. There were two articles in this section about new CNG filling stations proposed around the country and locally. There were two articles in this section on the NC Flow Control Law being upheld. There were also two articles on Allentown's waste conversion project. The December 29th issue of the *Daily Local News* had an article about residents from other municipalities utilizing West Chester Borough's yard waste drop off site will now be checked for ID.

D. Credit Enhancement Agreement: Mr. Watts said this section contains a copy of a Credit Enhancement Agreement and Guaranty Agreement as drafted by our Solicitor's firm and modified by Chester County's Council. We are waiting feedback from Chester County administration on these two agreements.

5. Operations/Site Development Report:

A. Monthly Activity Report: Mr. Watts said most of the activities for the month were routine. He said we recorded 3.22" of rain for the month and 41.45" for the year.

Our contractor has almost completed removing a small section of the Area D final cap to allow us to tie the next lift of Area D waste. The USDA Wildlife Services employee has done a good job of reducing the number of gulls around the landfill. We have a contractor installing a permanent fence around the IU landfill to contain the sheep and goats. There is also a new water well being installed to supply water to the livestock. The only alternate daily cover for the month was a reduced amount of Harrisburg ash. There was not a copy of the December 28, 2012 PADEP available as of today.

6. Facility Engineer's Report:

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

- Construction work on the Area E, Stage 1B Construction Project remained in progress during the period.
- A Notice of Award was sent to Penn Environmental & Remediation (Penn E&R) for the 2012 Landfill Gas Collection System Expansion. The pre-construction has been scheduled for Tuesday, January 22, 2013. The contract amount for this project is \$151,409.
- During this period, the new aerial flight was completed. A digital and hard copy of the photograph has been delivered. The field survey and the base plan for the annual report remain in progress.
- This week, HRG (consultant for the Sewer Authority) furnished the CCSWA a final report entitled "Conestoga, West Pump Station, and Collection and Conveyance Facility, Preliminary Conditions". The Report indicates that existing pumping stations and conveyance system require improvements. The Report remains under review.
- On January 3, 2013, PADEP issued their approval for the decommissioning of 30 LFG extraction wells that are no longer functioning.
- Engineering Services:
- Draft design documents for the Area E, Stage 2 & Cell D3 Alternative Cover Design Phase project are to be received on or about January 23, 2013. Submission of these documents is intended to satisfy the requirements of the 90% completion milestone. The tentative bidding schedule for the project is as follows:
 1. Issue Notice to Bidders- the week of March 4, 2013
 2. Receive Bids- the week of April 8, 2013
 3. Review Bid Results with the Board- April 18, 2013, Work Session Meeting
 4. Contract Award- April 25, 2013, Regular Meeting
- During this period I began preparing a Request for Proposals for the RPR and CQA Services needed on the Area E, Stage 2 construction project.

B. ARM Group – Monthly Status Report: A copy of the Monthly Status Report from the ARM Group dated January 15, 2013 was presented to the Board for review. A copy of ARM's December 28, 2012 letter is attached to their January Status Report. This letter clarifies ARM's earlier letter dated December 7, 2012. The letter also provides an estimated value of the inspection services to be reallocated from Area E, Stage 1B to the Landfill Gas System Expansion.

C. Area E, Stage 1B – Construction Status Report: The Monthly Construction Progress Report dated January 14, 2013 concerning Area E, Stage 1B was presented to the Board. The total payment due for the period ending December 31, 2012 is \$298,328. The balance to finish (plus retainage) is \$3,517,128. The total contract amount for this project is \$5,638,855.

7. Water Management’s Report:

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

DECEMBER HIGHLIGHTS:

- December 2012 landfill leachate 577,816 gallons (includes gas condensate)
 Leachate by area breakdown:
 Area C 158,770 gallons
 Area B 151,247 gallons
 Area D 262,355 gallons
 Granger gas condensate 5,444 gallons
- December 2011 landfill leachate 773,419 gallons
- 2012 landfill leachate 5,507,075
- December 2011 Rainfall 4.64”
- December 2012 Rainfall 3.62”

LEACHATE INVENTORY UPDATE: (As of January 17, 2012)

T-101 Leachate Storage Tank	- 315,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 302,500 gallons	capacity – 850,000 gallons
<u>T-100 Equalization Tank</u>	<u>- 100,000 gallons</u>	<u>capacity – 110,000 gallons</u>
Total Leachate Inventory	- 717,500 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 39 %

LEACHATE COLLECTION SYSTEM:

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 101,000 gallons was recirculated into the recirculation blankets.

Recirculation to date: 9/01/2012

<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
<u>H</u>	<u>1,366,965</u>	<u>5,687,500</u>
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	409,778	1,250,000
2	372,010	1,250,000
3	342,362	1,250,000
4	283,963	1,250,000
Total	1,259,016 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

- The UFRO ran good during the Month of December producing 89,967 gallons of permeate during its 21 days of operation with a 23 day average of 3,912 gallons per day.

GROUND WATER INVENTORY UPDATE: 12/19/2012

- Ground Water Storage Pond – 685,000 gallons 86 % of capacity
- The Ground Water Storage Pond Outfall 101 maintained a manageable level during December 2012 with a managed discharge to Outfall 001.
- Total Ground Water received for December 2012 – 88,857 gallons.

NPDES PERMIT COMPLIANCE:

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated December 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 64,320 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 64,320 gallons was discharged to the Conestoga River (Outfall 001) during December 2012.

8. Compliance Officer's Report:

A. Monthly Activity Report: Ms. Devine informed the Board that the 4th quarter ground water monitoring data had been submitted to the DEP and that Golder Associates is working on compiling the Annual Ground Water Report.

Ms. Devine reported that there were two radiation alarms since the last meeting. One was routine household waste and the isotope was I-131. The second load was ceramic fire brick from Bakery Feeds in Honey Brook. Our Identifinder could not identify the isotope so DEP was called. They said they would send someone out to identify the isotope. Joe DeMan from the Southcentral Region of the Bureau of Radiation Protection came out to the site on Monday January 14 and identified the radioactive isotope as naturally occurring radium226. A second load of the fire brick was still at Bakery Feeds and we went there to check that load as well. The activity level on the second load was very low

and Mr. DeMan identified the isotope as potassium 40 (K40) which is also naturally occurring. Chester County Solid Waste Authority has a blanket approval to dispose of Naturally Occurring Radioactive Material (NORM) waste, so both loads were landfilled. The second load did not set off the radiation detectors at the site.

Ms. Devine pointed out that a number of days were devoted to entering ground water results to the Llinks database and creating the files, forms and various reports that are required for the quarterly ground water submittal to DEP.

Ms. Devine also informed the Board that there was a group of cub scouts on site for a tour on January 17th.

9. Recycling Coordinator's Report:

- A. Monthly Activity Report:** Mr. Watts said since Ms. Fromnick was on vacation, so he would give her report. Mr. Watts said Ms. Fromnick had applied for and received \$1,940.00 in Act 904 Recycling Performance Grant money for the Small Load Facility. Mr. Watts said Ms. Fromnick had also received \$19,057.24 as a 50% reimbursement from the PADEP for the fall HHW event. This section also contained the schedule for the 2013 Certified Master Composter Classes and the tentative HHW one day collection schedule. There was also a thank you letter from a teacher for all the help Ms. Fromnick gave her in teaching her class about recycling.

10. Business Manager's Report.

- A. December 2012 Monthly Tonnage Report:** Mr. Gorney presented the Tonnage Report for December 2012, indicating that the tonnage of 23,107.65 was 14.0% under budget and was lower than December 2011 by 12.5%.

- B. December 2012 Accounts Receivable:** Mr. Gorney stated that receivables day sales outstanding increased from 30.83 days in November 2012 to 32.93 days in December 2012. Mr. Gorney stated that the increase was due to slower payments from several larger accounts. There are no major problems to report.

- C. December 2012 Financial Statement:** Mr. Gorney presented the preliminary Financials for December 2012 stating that we had a gain of \$731,581 for the month. Retained Earnings are at \$51,602,867. The funds invested totaled \$44,920,713.22 at month end. The interest earned in December 2012 was at a rate of 0.26%.

- D. December 2012 Vendor Check Register Report:** The Vendor Check Register was presented to the Board. The checks for December 2012 totaled \$728,832.19.

- E. Large Dollar Check Approvals:** Mr. Gorney presented the January 2013 Large Dollar invoices totaling \$543,033.12, consisting of the attached schedule 10E. Mr. Marroletti 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 – 4th Quarter 2012: Mr. Gorney presented the 4th Quarter 2012 Act101Payment for December 2012 totaling \$757,590.02 consisting of the attached schedule 10F. Mr. Marroletti made a motion to accept the 4th Quarter 2012 Act101Payment for January 2012 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 7:06 p.m. to Executive Session to discuss a personnel issue.

Prepared by,

Peggy A. Cunius