

CHESTER COUNTY SOLID WASTE AUTHORITY

Work Session — Lanchester

February 16, 2012

1. **Call to Order:** Bob Schoenberger, Chairman, called the February 16, 2012 *Work Session Meeting* of the Chester County Solid Waste Authority to order at 5:30 p.m.

Authority Members Present

Bob Schoenberger
William H. Shirk
Peter Marroletti
Vince Carosella

Authority Members Absent

Peter Knipe
Ramsey G. DiLibero
Carmen Battavio

Management and Staff Present

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

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman said he had no announcements.

3. **Meeting Minutes.** The minutes of the *Work Session Meeting* of January 19, 2012 and the *Regular Session Meeting* of January 26, 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 would like to discuss a few items contained in his monthly report in Section 4A. Mr. Watts said that in the Correspondence In section he wanted to highlight that we did get a thank you letter from PADEP for being part of the Great American Cleanup of PA last year. Also, in this section was a request for us to be part of this year's cleanup by offering free disposal again. Mr. Watts said he was invited to a Honey Brook Township Informational Meeting on dead animal composting. There has been a commercial operation in Honey Brook that has leased two acres of an Amish farm for this use. There have been numerous complaints about this operation and one NOV. The Chester County Conservation District (CCCD) was asked by the PADEP to help this farm implement best management practices. CCCD was present at the meeting asking the Honey Brook Township Board of Supervisors for support of an \$800,000 loan to the owner of the composting operation to install a building and other environmental controls. The Supervisors seemed hesitant to support this loan that would turn into a grant if everything was constructed as planned. They didn't want to be seen as rewarding bad behavior. Mr. Watts informed Honey Brook officials that CCSWA was not interested in going into this business. Mr. Watts said he attended the most recent Honey Brook Township Board of Supervisors Meeting to update them on the request for members of the Closure Committee, Sewer and Water line extension and Area E landfill expansion. Mr. Watts said he had planned to attend the Salisbury Township Board of Supervisor's Meeting in March, but one of the Supervisors called to say the information sent them was sufficient and they would contact CCSWA if they needed more information.

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 things in this section were two SWANA publications – the first one was Federal Legislative and Regulatory Issues Affecting Management of Municipal Solid Waste and the second one was by SWANA's legal counsel on recent Flow Control issues. Also in this section were a number of news articles including Allentown continuing to consider a waste to energy plant. Mr. Watts said today there was news that Allentown has rejected spending the estimated \$25 million on this project. There was an article in this section estimating that the Governor's proposed budget reduces environmental spending by \$71 million next physical year. Mr. Watts said there were two articles in this section concerning West Whiteland Township considering doubling the fee for their pay by the bag system. They have received significantly less money form the DEP in recent years from the recycling performance grant program due to cut backs.

D. Thank You Letters: Mr. Watts said this section contains a copy of the thank you letters from Honey Brook Borough, Salisbury Township Fire Company, Honey Brook Community Library and the PEW Charitable Trust for recent donations.

E. Computer Use Policy: Mr. Watts said this section contains a comparison of the proposed policy to the existing policy.

F. USEPA RCRA Mapping: Mr. Watts said this section contained a copy of an Email received this week requesting information on institutional and/or engineering controls. Mr. Watts said we have this information and will supply the US EPA with what they are requesting.

G. Unsolicited Waste To Energy Proposal: Mr. Watts said the email in this section requests that we provide them one to three acres for them to research and then operate their equipment. Mr. Watts said he believes they are asking every solid waste facility in the country and hope that someone takes them up on the offer.

H. Solar Proposals: Mr. Watts said this section contains a copy of a spreadsheet comparing the two proposals we have received. Mr. Watts said the one difference from last month's spreadsheet is that Metro just recently provided a firm yearly lease fee (letter to this affect was also included in this section). Mr. Watts said he will have a recommendation next week.

I. Area E Township Update: Mr. Watts said this section contains a copy of the one page update he sent to Salisbury Township.

J. CCSWA Charter Change: Mr. Watts said this section contained one page of the official filing with the state. This now means CCSWA has the authorization from Chester County to conduct solid waste operations in other areas of Chester County.

5. Operations/Site Development Report:

A. Monthly Activity Report: Mr. Watts said the landfill gas flow has been in the 3,200 CFM range and Granger Energy continues to operate two generators and occasionally the flares to balance the gas needs of Dart and the Conestoga Landfill. We recorded 2.54" of melted precipitation for January. Most operations have been routine for the month. We have released the bid for equipment rental and will be soon releasing the bid for lawn mowing. We recently obtained 6,000 yards of top soil from the Church Farm School in Exton for free, but are paying for the loading and trucking. We also

receive about 20 loads of free soil from the construction of a water tower being built near the intersection of Route 322 and Route 82. We also purchased some topsoil from the construction near the Windmill Restaurant. We have been using this soil on the south slope of the D-2 landfill. The extra soil will be stockpiled for use on the north slope of D -2 when it is ready later this year. Mr. Watts said cost to cover waste is up again this month because we have not been successful in obtaining alternate daily cover soil projects yet this year. Mr. Watts said we continue to utilize ash from Harrisburg as alternate daily cover, but it does not pay as well as the contaminated soil. We are still in the running for alternate daily cover projects, but it seems very competitive this year.

6. Facility Engineer's Report:

A. Monthly Activity Report: The Monthly Engineer's Report for February 2012 was presented to the Board.

- The work on the Flare Station Relocation was determined to be substantially complete as of Friday, November 18, 2011. The current contract price for this project is \$531,189. A remaining balance of \$10,624 is being held until the receipt and acceptance of the final project documentation. Work progress continued on the Area E, Stage 1A Construction Project.
- Progress continued on the Area E, Stage 1A project. Work included excavation of Sedimentation Pond No. 1 and onsite stockpiling tasks. The total contract price for this project is \$3,986,861. A monthly progress payment application in the amount of \$359,189 has been submitted. As of January 31, 2012 the balance to finish (including retainage) is \$2,835,414. Approximately 32% of the work has been completed and 58% percent of the contract time has passed.
- Drillmore Construction reports that survey work needed for the Area D, Cell 2 LFG Collection System Expansion record drawings has been completed. The record drawings are being completed and should be delivered to the Authority shortly. These record documents are needed in order for me to complete the requisite PADEP Certification Report.
- Ludgate Engineering reported progress on the following activities: topographic field survey the Annual PADEP Report; topographic survey drawing needed for the Annual PADEP Report; topographic survey of the Area E, Stage 1A stockpiles; location survey of the new groundwater monitoring well locations; field location survey of the southern Area D anchor trench. A draft of the Annual Report is to be delivered this week;

B. ARM Group – Monthly Status Report: A copy of the Monthly Status Report from the ARM Group dated February 14, 2012 was presented to the Board for review.

C. SCS Engineers – Monthly Status Report: A copy of Monthly Progress Report No. 20 from SCS dated February 13, 2012 was presented to the Board for review.

D. Barton & Loguidice – Monthly Status Report: A copy of the Monthly Status Report from Barton & Loguidice dated February 14, 2012 was presented to the Board for review.

7. Water Management's Report:

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

JANUARY HIGHLIGHTS:

- January 2011 landfill leachate 498,725 gallons (includes gas condensate)
 Leachate by area breakdown:
 - Area C 53,032 gallons
 - Area B 144,624 gallons
 - Area D 283,620 gallons
 - Granger gas condensate 11,061 gallons
- January 2011 landfill leachate 529,987 gallons
- January 2012 Rainfall 2.56"

LEACHATE INVENTORY UPDATE: (As of February 13, 2012)

T-101 Leachate Storage Tank	-342,500 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 320,000 gallons	capacity – 850,000 gallons
T-100 Equalization Tank	- 90,000 gallons	capacity – 110,000 gallons
Total Leachate Inventory	- 752,500 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 41 %

LEACHATE COLLECTION SYSTEM:

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 257,000 gallons was recirculated during the month of January 2012. Recirculation for the month was into the leachate blankets.

Recirculation to date: 2/01/2012

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>	
A	-----	-----	This Trench is closed
B	-----	-----	This Trench is closed
C	-----	-----	This Trench is closed
D	-----	-----	This Trench is closed
E	1,793,912	2,631,930	
F	3,035,660	3,682,875	
G	3,169,963	5,066,750	
H	1,273,133	5,687,500	
Total	14,001,619 (gal)	21,681,836 (gal)	

Remaining Trench Capacity – 8,088,546 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	32,582	1,250,000
2	30,516	1,250,000

3	26,941	1,250,000
4	22,057	1,250,000
Total	112,096 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

- The UFRO Treatment System is currently operational. The UF system is operating at an average of 7.6 gpm and the RO system is operating at an average flow rate of 9.6 gpm during the month of January. The plants 27 day average is approximately **3,123 gpd**.
- New RO Membranes were installed the first week of January 2012.

The RO unit produced – 84,321 gallons of permeate during January 2012

Monthly Cost Estimate	\$3,675.78
Monthly Electric	\$1,987.26
Total	\$5,663.04
Cost Per Gallon	\$0.07

Ultra Filtration Upgrade Project – Eastern Environmental Contractors arrived on site today to begin the Ultra Filtration Upgrade. The Plant downtime is expected to be about 1 week.

GROUND WATER INVENTORY UPDATE: 2/13/2012

- Ground Water Storage Pond – 597,000 gallons 75 % of capacity
- The Ground Water Storage Pond maintained a manageable level during January 2012 with a constant discharge to Outfall 001.
- Total Ground Water received for January 2012 – 952,757 gallons.

NPDES PERMIT COMPLIANCE:

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated May 27, 2009 – The NPDES DMR Outfall 001, 100 and Outfall 101 for January 2011 will report 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 970,800 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 970,800 gallons was discharged to the Conestoga River (Outfall 001) during January 2012.

8. Compliance Officer’s Report:

A. Monthly Activity Report: Ms. Devine mentioned that the first two items were related to the ongoing ground water monitoring project, and that it the 4th quarter data has

been forwarded to Golder Associates for their use in compiling the Annual report.

Ms. Devine stated that there were two radiation alarms since the last meeting. Both loads were household waste and the isotopes were I-131. Both loads were landfilled.

Ms. Devine mentioned that in the past month she prepared and submitted the Annual Title V Compliance Certification as is required.

Ms. Devine also informed the Board that the DEP inspector was here and conducted an inspection on January 31, 2012. He did the usual inspection on site and also checked perimeter roadways for odors. There were no off site odors detected during the inspection.

Ms. Devine reported that she submitted the TENORM report to DEP on February 1st. The following day Mr. Watts and Mr. Schoenberger went to a DEP/SWANA symposium and it was stated that landfills that do not accept TENORM waste do not have to submit the monthly reports.

Ms. Devine also reported that she submitted the Biennial Hazardous Waste report. And finally she reported that she had the electrodes on the AED's replaced on February 9th. All AED's are in proper working order.

9. Recycling Coordinator's Report:

A. Monthly Activity Report: Ms. Fromnick provided a list of meetings and events attended during the past month. A new Coatesville HHW site was needed due to planned construction at the CAT Brandywine Campus. Ms. Fromnick attended the Wendell August "Made in Chester County" Chamber event in preparation for the CCSWA event to be hosted in July. Ms. Fromnick commented, and confirmed by Mr. Carosella, the Green Business Award Presentation at the Chamber dinner received a great deal of recognition.

B. Correspondence: In - Among the items listed it was noted: The CCSWA received a DEP 904 \$3,068.00 award which was more than double received for 2008. A grant reimbursement was also received for the first 3 2011 HHW events and previous expenses. When asked about the new collection of e-waste collection program, Ms. Fromnick noted that municipalities should see a reduction in future HHW bills with the diversion of e-waste.

Out – Ms. Fromnick prepared the pricing memorandum for participants. It was noted the 2011 cumulative profit was \$376,018.

C. Projects: Ms. Fromnick provided a list of projects. Ms. Fromnick commented that work continues on the 2011 Annual Report.

10. Business Manager's Report.

A. January 2012 Monthly Tonnage Report: Mr. Gorney presented the Tonnage

Report for January 2012, indicating that the tonnage of 24,912.96 was 9.4% over budget and was higher than January 2011 by 18.5%.

B. January 2012 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding decreased from 39.80 days in December 2011 to 37.70 days in January 2012. Mr. Gorney stated that the decrease was due to faster payments from several larger accounts.

C. January 2012 Financial Statement: Mr. Gorney presented the Financials for January 2012 stating that we had a gain of \$406,918 for the month. Retained Earnings are at \$47,758,425. The funds invested totaled \$43,697,889.11 at month end. The interest earned in January 2011 was at a rate of 0.42% slightly under the 0.44% in December 2011.

D. January 2012 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for January 2012 totaled \$3,043,201.41.

E. Large Dollar Check Approvals: Mr. Gorney presented the February 2012 Large Dollar invoices totaling \$249,445.81, consisting of the attached schedule 10E. Mr. Carosella made a motion to accept the Large Dollar Invoices as presented; Mr. Shirk seconded the motion. The motion was carried by a unanimous vote.

F. December 2011 Financials – Recast: Mr. Gorney presented the December 2011 recast for changes stating that the final revision will be presented at the February 23, 2011 meeting for Board acceptance.

There being no further business, the meeting was adjourned at 6:25 p.m.

Prepared by,

Peggy A. Cunius