

CHESTER COUNTY SOLID WASTE AUTHORITY

Combined Work Session & Regular Meeting — Lanchester

November 18, 2010

1. **Call to Order:** Bob Schoenberger, Chairman, called the November 18, 2010 Combined *Work Session & Regular Meeting* of the Chester County Solid Waste Authority to order at 5:55 p.m.

Authority Members Present

Bob Schoenberger
William H. Shirk
Ramsey G. DiLibero
Peter Knipe
Vince Carosella
Carmen Battavio

Authority Members Absent

Peter Marroletti

Management and Staff Present

Robert A. Watts
James M. Gorney
Gary Laird
Nancy Fromnick
Terry Devine

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman said that he, Mr. Marroletti and Mr. Watts had a very productive meeting with the Caernarvon Township Supervisors and their Secretary/Treasurer concerning an Area E Host Agreement. The Chairman said there would be presentations by the Brandywine Valley Association, Garden Spot High School Lacrosse Coaches and the Honey Brook Library before the meeting tonight.

3. **Meeting Minutes:** Mr. DiLibero moved and Mr. Battavio seconded that the minutes of the October 21, 2010 *Work Session Meeting* and the October 28, 2010 *Regular Session Meeting* be approved. The vote was unanimous.

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

A. Monthly Activity Report: Mr. Watts said he would like to highlight a few items from his report. Mr. Watts said he attended a meeting with Mr. Baldwin and Mr. Frame concerning the extension of the water and sewer lines. Mr. Watts said he and Ms. Nichols have been meeting with the Fiesters as their son wraps up his Eagle Scout trail project on our property. Mr. Watts said he hopes to open the trail to the public with the Scenic Overlook the first Sunday afternoon in May 2011. Mr. Watts said they recently had the kick off meeting with their new Webmaster. Mr. Watts said he was able to negotiate cutting the development time in half and they plan to have the new website up and running by March 4, 2011.

B. Senior Staff Meeting Memos: Mr. Watts said the Board members could read the Senior Staff Meeting Minutes contained in Section 4B at their leisure. Mr. Watts said he would be glad to answer any questions later.

C. News Articles: Mr. Watts said the first article in this section was concerning Waste Management's new venture into food waste recycling in Orange County, CA. The second article was concerning Staten Island NY's operation of a rail transfer station for 750 tons of waste per day to a South Carolina landfill. Palm Beach County Florida has decided to issue \$700 million in bonds for a 3,000 ton per day waste to energy plant construction. This is in spite of the fact that they have 40 years of landfill capacity remaining. The next large article was in the *Tri County Record* concerning the traffic light in Honey Brook. There have been significant delays with the change in timing of the light. They have recently changed the RT 322 timing back to the way it was. There is a developer trying to obtain approval for a waste to energy plant in the Allentown area that is proposing to use technology that has never been used before. This project is supposed to employ 200 and generate 3 MW of power and process 100 tons of waste and 50 tons of sludge per day. The last article in this section is concerning the Alliance Landfill receiving their expansion approval for an additional 87 acres of landfill and an increase in their daily tonnage limit from 2,000 to 4,750 tons per day.

D. SWANA Updates: This section contains an update that in October the president signed the Secure and Responsible Drug Disposal Act. This will make it easier to collect and dispose of out of date drugs. The second notice in this section was concerning the US EPA's Greenhouse gas Guidance Documents have been released.

E. Thank You Letter: This section contained a copy of a letter sent by the Honey Brook Elementary Center's PTO thanking the Authority for its recent donation to help fund extracurricular activities.

F. Wildlife at Work: This section contains a copy of the certificate the Authority received last week at the Wildlife Habitat Council's Annual Meeting. Mr. Watts said he wanted to thank Ms. Nichols on her work the past two years creating projects and meeting the requirements of certification. We have additional projects we would like to work on that are in the proposed 2011 budget.

G. Chester County Waste Destination 3rd Quarter: Mr. Watts said this section contains a bar graph comparing waste generation rates of 2009 and 2010 for the third quarter. Mr. Watts said that waste generation was down about 10% over this period, but Lanchester tonnage was not down to the same extent because less waste went to out of county facilities.

H. Caernarvon Area E Meeting: Mr. Watts said this section contains a memo Mr. Marroletti wrote after the meeting with Caernarvon Township. Mr. Watts said and he provided it for the rest of the Board's information.

I. Property Value Guarantee Program: Mr. Watts said this section contained a suggested policy change to encourage property owners to sell to third parties. Mr. Watts said this proposed policy would provide incentives to both the seller and buyer and should reduce the number of properties the Authority would purchase while the housing market is depressed.

J. Customer Letter: This section contains a draft letter to customers informing them about price increases, schedules and Chester County's Municipal Solid Waste Plan Update. Mr. Watts said he will review this with the Board again next month.

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

A. Monthly Activity Report: Mr. Watts said our landfill gas flows have been about 2,900 cfm and about 800 cfm of this flow is being used to generate electricity. Mr. Watts said we recorded almost 5 inches of rain in October. Mr. Watts said we put the new Cat 836H landfill compactor into service this month and plan to auction off the old compactor once we have the wheels back on the other compactor. We had a contractor removing a water diversion berm and a portion of the cap (on the west side of Area B Landfill) as we are preparing to put another lift of waste in the D-2 Landfill. The cost to cover waste this month was again reduced by the receipt of alternate daily cover. All of the inspection reports for the month are also in this section.

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

A. Monthly Activity Report: Mr. Watts said Mr. Esterly was not feeling well and left for the day before the meeting so he would give his report. Mr. Watts said the most important activity recently was Mr. Esterly and our consultants preparing a response to PADEP's second set of comments on our Area E application. Mr. Watts said we hope we have answered all of their questions and will be issued the permit before the end of the year. Mr. Watts said this will be the largest project ever undertaken at Lanchester with an estimated cost of \$35 million to be spent over 3 years of construction. Mr. Watts said the Board could review the report and consultant's reports and contact Mr. Esterly if they had any questions.

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

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

OCTOBER HIGHLIGHTS:

- October 2010 landfill leachate 1,118,808 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	159,700 gallons
Area B	122,188 gallons
Area D-1	356,316 gallons
Area D-2	411,667 gallons
Area D-3	35,816 gallons
Granger gas condensate	33,121 gallons

2010 Year to date landfill leachate metered 7,067,852

- October 2009 landfill leachate 675,650 gallons
- October 2010 Rainfall 3.25"

LEACHATE INVENTORY UPDATE: (As of November 1, 2010)

T-101 Leachate Storage Tank	- 450,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 437,500 gallons	capacity – 850,000 gallons
<u>T-100 Equalization Tank</u>	<u>- 80,000 gallons</u>	<u>capacity – 110,000 gallons</u>
Total Leachate Inventory	- 967,500 gallons	capacity – 1,810,000 gallons

Total percent of storage utilized - 52 %

LEACHATE COLLECTION SYSTEMS

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 289,200 gallons was recirculated during the month of October 2010. Recirculation for the month was into the leachate blankets and trenches.

Recirculation to date: 11/1/2010

Trench #	Recirculated (gal)	Maximum (gal)	
A	-----	-----	This Trench is closed
B	-----	-----	This Trench is closed
C	1,447,927	1,888,720	
D	1,399,285	1,783,398	
E	1,459,839	2,631,930	
F	2,843,519	3,682,875	
G	2,965,264	5,066,750	
H	1,170,198	5,687,500	
Total	12,444,023 (gal)	21,681,836 (gal)	

Remaining Trench Capacity – 9,417,631 gallons

Blanket #	Recirculated (gal)	Maximum gallons/year
1	364,498	1,250,000
2	352,629	1,250,000
3	361,111	1,250,000
4	371,756	1,250,000
Total	1,449,993 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

- The UFRO Treatment System is currently operational and is performing well. The UF system is operating at an average of 6.0 gpm and the RO system is operating at an average flow rate of 8.5 gpm. The plant is averaging approximately **3,044 gpd** for the month of October 2010. The plant operated for 10 days in October due to plant upgrade work.

The RO unit produced – **30,440** gallons of permeate during the month of October 2010.

Monthly Cost Estimate	\$2,814.29
Monthly Electric	\$1,564.00
Total	\$4,378.29
Cost Per Gallon	\$0.14

UFRO Research and Development October 2010

The UFRO Treatment plant upgrade work is finished as of 10/18/2010. The new components are working correctly in the auto mode. All associated holding tanks were cleaned November 5th prior to full operational implementation of the new components. Full start-up commenced on 11/9/2010 and is currently running to date. The chlorination is having a definite affect on the performance of the Ultra Filtration Unit. The system is averaging 10 gallons a minute without drop off, and bag filters remain unclogged. This is about double the through put we have seen in the past and much less filter paper and bag filters being consumed. Tweaking of the system will continue with an attempt to gain even more filtrate flow.

GROUND WATER INVENTORY UPDATE: 11/1/2010

- Ground Water Storage Pond – 710,000 gallons 89 % of capacity
- The Ground Water Storage Pond maintained a manageable level during October 2010.
- Total Ground Water received for October 2010 – 202,477 gallons.

NPDES PERMIT COMPLIANCE –

NPDES PERMIT DMR PA 0082791 for Outfall 001 CONESTOGA RIVER dated December 2003 – The NPDES DMR Outfall 001, 100 and Outfall 101 for October 2010 will report full compliance with the new 2009 NPDES Permit. All Monitored Parameters were below required discharge limits. 172,500 gallons from the effluent equalization tank (Outfall 100) of treated permeate and 225,100 gallons of groundwater (Outfall 101) was discharged to (Outfall 001). A total of 397,600 gallons was discharged to the Conestoga River during October 2010.

8. Compliance Officer's Report. (TAD)

A. Monthly Activity Report: Ms. Devine reported that the fourth quarter ground water monitoring had been completed and that closes out that five-year contract for that work. Ms. Devine told the Board she is working on bid documents to go out for bids for a new contract. Ms. Devine reported that there was one radiation alarm since the last meeting. The load was from SECCRA, they don't accept loads that set off their detectors, and it was brought to Lanchester. The load did not set off our detectors. The truck was scanned and it was confirmed it had a low level of Tc-99 detected. The load was landfilled. Ms. Devine mentioned that in the past month she set up tritium sampling at the leachate locations as required by a change in the DEP's Form 50. Ms. Devine also spent a number of days compiling budget numbers for 2011. Ms. Devine also stated that she and Bob conducted a site tour for a group of students from F&M College.

B. Safe Drinking Water Act – Notice of Violation: A Notice of Violation was received from PADEP Bureau of Water Supply Management. Ms. Devine explained that the CCSWA is a non-community non-transient public water supply and is required to do periodic monitoring of the water. DEP issued a change from annual to quarterly monitoring for VOCs at EP-102 in June 2010. The change was initiated because in 1996 there were low-level VOCs detected in EP-102 and that should have required quarterly sampling. It did not and so now 14 years later, they are requiring the quarterly sampling be conducted. A sample for the third quarter 2010 was not collected as the change to quarterly sampling was overlooked and we received the subsequent NOV for not monitoring. A sample is scheduled to be collected before the end of November 2010.

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

A. Monthly Activity Report: Ms. Fromnick provided a list of meetings and events attended during the past month. Events highlighted: The Chamber Recycling/Business Advisory Green Business Award West Chester University merit tour, LEED Certification meeting with A.J. Blosenski representatives and Ms. Fromnick’s morning and afternoon presentations at the Penn State University’s “Leading the Green Challenge” workshop.

B. Correspondence: The CCSWA was awarded \$1,341.00 for 2008 recycling performance, Birmingham Township is the 46th Chester County municipality to create a recycling ordinance. It is one of 15 non-mandated municipalities to do so. Ms. Fromnick calculated P & M pricing for October to December. All participating municipalities are receiving payment for recyclables. Ms. Fromnick is working with the C.C.I.U. Director of Purchasing to correct the specifications in the School District Trash/Recycling Services Bid document. Contest sponsor and judge solicitations have been mailed to chambers of commerce, rotaries, and prominent businesses as well as the SECCRA Landfill. Kindergarten contest packets were mailed to all public and private kindergartens and a vinyl siding press release was distributed to the media and township recycling personnel.

C. Projects: Of the items listed, Ms. Fromnick commented on the new partnership between the Owen J. Robert Evening School Program and the Chester County Night School. It is hoped that our cooperative effort with the C. C. Night School will expand the Master Composting opportunities in the County.

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

A. October 2010 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for September 2010, indicating that the tonnage of 24,594.07 was 2.8% under budget and was even with September 2009.

B. October 2010 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding decreased from 34.32 days in September 2010 to 33.69 days in September 2010. Mr. Gorney stated that there three problem accounts Roman Rolloff Inc., Titan Wrecking (West Chester University Dorm Demolition) and missed invoices by West Brandywine Twp. Payments of \$1,152.60 were received from Roman Rolloff Inc. after the October 31st close. The Titan account was paid in full and a check for \$28,481.33 was received from West Brandywine Twp., bringing this account into current terms.

C. October 2010 Financial Statement: Mr. Gorney presented the Financials for September 2010 stating that we had a gain of \$406,367 for the month. Retained Earnings are at \$43,223,537. The funds invested totaled \$40,336,798.96 at month end. The interest earned in October 2010 was at a rate of 0.56% compared to 0.55% in September 2010. Mr. Carosella made a motion to accept the October 2010 Financials as presented; Mr. Battavio seconded the motion. The motion was carried by a unanimous vote.

D. October 2010 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for October 2010 totaled \$1,521,927.92. Mr. Carosella made a motion to accept the October 2010 Check Register as presented; Mr. DiLibero seconded the motion. The motion was carried by a unanimous vote.

E. Large Dollar Check Approvals: Mr. Gorney presented the October 2010 Large Dollar invoices totaling \$1,055,018.36 consisting of the attached schedule 10E. Mr. Battavio 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. Area E Construction Fund Resolution: Mr. Gorney presented the resolution to rename the Rate stabilization Fund to the Area E Construction Fund. The Funds in the Rate stabilization Fund would be used for Area E construction. The resolution also provided for an additional \$6,000,000.00 to be deposited as well as quarterly transfers to the fund commencing in 2011. Mr. Knipe made a motion to adopt the Resolution as presented; Mr. DiLibero seconded the motion. The motion was carried by a unanimous vote.

The meeting was adjourned at 7:42.

Prepared by,
Peggy A. Cunius