

# CHESTER COUNTY SOLID WASTE AUTHORITY

## *Work Session — Lanchester*

*September 23, 2010*

- 1. Call to Order:** Bob Schoenberger, Chairman, called the September 23, 2010 *Work Session* Meeting of the Chester County Solid Waste Authority to order at 5:30 p.m.

Authority Members Present

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

Authority Members Absent

Management and Staff Present

Robert A. Watts  
Gary Laird  
Teresa A. Devine  
Nancy Fromnick  
Dave Lozenski

Solicitor

Mark Thompson, Esquire

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

The Chairman asked for nominations for Secretary. Mr. Knipe moved and Mr. Schoenberger seconded the nomination of Mr. Marroletti as Secretary. Mr. Carosella moved and Mr. Battavio seconded that the nominations be closed. The motions to close nominations and for Secretary were unanimous.

- 3. Meeting Minutes:** The minutes of the August 26, 2010 Combined *Work & Regular Meeting Session Meeting* will be approved at next week's *Regular Session*.

#### 4. **Executive Director's Report.**

**A. Monthly Activity Report:** Mr. Watts said with Ms. Fromnick's help he was elected for two year term to the Board of the Professional Recyclers of Pennsylvania. Mr. Watts said progress continues on the first portion of the walking trail as an Eagle Scout project. Mr. Watts said he believes the trail will be opened in May with the Scenic Overlook next year. Mr. Watts said he was also re-elected at the annual meeting of the Keystone Chapter of SWANA Board to serve as their International Director for two more years. Mr. Watts said he spoke recently on waste and recycling issues at the monthly meeting of the Brandywine Shriners. Mr. Watts discussed the location and current use of all properties purchased in recent years.

**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. News Articles:** Mr. Watts said the PADEP recently granted a 23 year expansion to the Clinton County Landfill. Mr. Watts said there has been a waste digestion facility proposed for Pottstown, but there is already opposition.

**D. Landfill Services Equipment Purchase:** Mr. Watts he recommends discontinuing our practice of leasing this equipment and to purchase this equipment. We have leased this equipment for eight years and this is the first time they have made it available for purchase.

**E. Property Map and Purchase:** Was discussed in Executive Session.

**F. Property Value Guarantee Agreement:** Mr. Watts said this was tabled last month, but he is suggesting increasing the benefit to homeowners that sell to a third party.

**G. Lanchester Solar Project:** We recently received a letter from Pennsylvania Energy Development Authority that our request for a grant to purchase solar panels was not successful. There were 213 applicants and only 35 grants given.

**H. SWANA'S Letter to USEPA:** This section contained a copy of a letter on the tailoring rule. SWANA believes the EPA's current position unfairly penalizes waste to energy projects.

**I. Chester County Solid Waste Plan Update:** Chester County received notice on September 7<sup>th</sup> that the update was accepted. This section also included the updates to the Chester County Ordinances that will go along with the new plan.

**J. Honey Brook Library 2009 Report:** The report indicates that CCSWA was the third biggest supporter behind the State and County.

**K. Chester County Waste Destinations 2<sup>nd</sup> Quarter:** Mr. Watts said if the C&D from West Chester University is subtracted almost half of the C&D generated in Chester County for this period is being transferred out of the IWS transfer station in Downingtown. With subtracting the West Chester University waste the waste quantity disposed of at Lanchester was down about 1,500 tons when compared to the same period in 2009.

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

**A. Monthly Activity Report:** Mr. Watts said landfill gas is flowing at about 3,000 cfm and Granger is now operating two engines to generate up to 3MW of electricity. We received 3.64” of rain for August. Mr. Watts said most of the activities for the month were routine and the inspection report from PADEP is included in this section and was good.

**6. Facility Engineer’s Report:**

**A. Monthly Activity Report:** Mr. Watts said Mr. Esterly was on vacation so he would be giving his report. The entrance paving project is complete. Ludgate Engineering continues to work on surveying the area where the proposed sewer and water lines will be run.

**E. SCS Engineers – 2010 LFG System Design Proposal:** Mr. Watts said we would again this year like SCS Engineer’s help in designing an expansion to our LFG collection system. Their cost estimate to complete this task is \$13,500.00.

**7. Water Management’s Report:**

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

**AUGUST HIGHLIGHTS:**

- August 2010 landfill leachate 541,702 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	152,957 gallons
Area B	63,874 gallons
Area D-1	154,053 gallons
Area D-2	112,123 gallons
Area D-3	6,535 gallons
Granger gas condensate	52,178 gallons

2010 Year to date landfill leachate metered 5,596,115

- August 2009 landfill leachate 1,082,60 gallons
- August 2010 Rainfall 2.75”

**LEACHATE INVENTORY UPDATE:** (As of September 1, 2010)

T-101 Leachate Storage Tank	- 362,500 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 345,000 gallons	capacity – 850,000 gallons
T-100 Equalization Tank	- 15,000 gallons	capacity – 110,000 gallons
<b>Total Leachate Inventory</b>	<b>- 722,500 gallons</b>	<b>capacity – 1,810,000 gallons</b>

Total percent of storage utilized - 39 %

**LEACHATE COLLECTION SYSTEMS –**

Currently the Leachate collection system is 100% operational.

**RECIRCULATION SYSTEM**

- 206,202 gallons was recirculated during the month of August 2010. Recirculation for the month was into the leachate blankets and trenches.

**Recirculation to date: 9/1/2010**

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>	
A	-----	-----	This Trench is closed
B	-----	-----	This Trench is closed
C	1,468,027	1,888,720	
D	1,378,957	1,783,398	
E	1,459,839	2,631,930	
F	2,843,519	3,682,875	
G	2,937,274	5,066,750	
H	1,149,679	5,687,500	
<b>Total</b>	<b>12,355,086 (gal)</b>	<b>21,681,836 (gal)</b>	

Remaining Trench Capacity – 9,417,631 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	291,635	1,250,000
2	272,982	1,250,000
3	286,886	1,250,000
4	284,028	1,250,000
<b>Total</b>	<b>1,135,531 (gal)</b>	<b>5,000,000 (gal)</b>

**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 10.0 gpm. The plant is averaging approximately **3,404 gpd** for the month of August 2010. The plant operated for 15 days in August due to plant upgrade work.

The RO unit produced – **54,460** gallons of permeate during the month of August 2010.

MONTHLY COST ESTIMATE	\$3,445.94
Monthly Electric	\$1,125.00
<b>Total</b>	<b>\$4,570.94</b>
<b>Cost Per Gallon</b>	<b>\$0.08</b>

### **UFRO Research and Development August 2010**

The UFRO Treatment plant upgrade continues moving forward. All components have been installed. PLC programming is complete. Start-up is waiting for the replacement of a dysfunctional ORP probe. Replacement probe should arrive any day.

### **GROUND WATER INVENTORY UPDATE: 9/1/2010**

Ground Water Storage Pond – 681,021 gallons 85 % of capacity

The Ground Water Storage Pond maintained a manageable level during August 2010.

Total Ground Water received for August 2010 – 61,305 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 August 2010 will report full compliance with the new 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) was discharged to (Outfall 001). A total of 0 gallons was discharged to the Conestoga River during August 2010.

## **8. Compliance Officer's Report:**

**A. Monthly Activity Report:** Ms. Devine stated that the third quarter ground water results will be submitted to DEP by the end of the week. Ms. Devine reported that there was one radiation alarm since the last meeting. The isotope was identified as I-131 and the load was landfilled. Ms. Devine mentioned semi-annual Title V and NSPS reports were submitted to the regulators as required by September 1<sup>st</sup>. Ms. Devine mentioned she had a phone conversation with Rick Millard at DEP regarding a request for determination ( RFD) for a screen to process ash at Lanchester. An RFD was submitted to the DEP.

**9. Recycling Coordinator's Report:**

**A. Monthly Activity Report:** Ms. Fromnick provided a list of meetings and events attended during the past month. Events highlighted: Ms. Fromnick met with the new Honey Brook Twp. Administrator to explain basic recycling programs and procedures, with the North Coventry Twp. Mgr. regarding compliance issues, Two meetings to sustain the County Office Recycling Program, potential Green Business Award applicants, held a workshop for 904 applications, chaired the Chamber Business Advisory Committee, attended the regional HHW meeting, attended Arborgonics Grand Opening and taught composting to horticultural classes at the Child Career and Development Center.

**B. Correspondence:** Of the items listed, Ms. Fromnick commented that performance grant applications are reviewed upon receipt. East Marlborough Township was offered assistance regarding Act 101 non-compliance.

**C. Projects:** The Act 101 2009 Annual Report awaits 1 municipal report for completion.

**9. Business Manager's Report.**

**A. August 2010 Monthly Tonnage Report:** Mr. Lozenski presented the Tonnage Report for August 2010, indicating that the tonnage of 24,969.64 was 2.2% under budget and was lower than August 2009 by 3.3%.

**B. August 2010 Accounts Receivable:** Mr. Lozenski stated that receivables day sales outstanding decreased from 32.93 days in July 2010 to 32.91 days in August 2010. Mr. Lozenski stated that there were no major problems.

**C. August 2010 Financial Statement:** Mr. Lozenski presented the Financials for August 2010 stating that we had a gain of \$448,123 for the month. Retained Earnings are at \$42,566,708. The funds invested totaled \$39,536,523.06 at month end. The interest earned in August 2010 was at a rate of 0.56 compared to 0.59% in July.

**D. August 2010 Vendor Check Register Report:** The Vendor Check Register was presented to the Board. The checks for August 2010 totaled \$536,518.67.

**E. Large Dollar Check Approvals:** Mr. Lozenski presented the August 2010 Large Dollar invoices totaling \$198,454.58 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. Collateral Bond Rollover@ PADEP:** Mr. Lozenski presented the documents for the rollover of the \$3,825,000.00 U.S. Treasury Note. Mr. DiLibero made a motion to approve the Resolution as presented; Mr. Battavio seconded the motion. The motion was carried with a unanimous vote.

There being no further business, the meeting was adjourned at 6:49 p.m.

Prepared by,

Peggy A. Cunius