

# CHESTER COUNTY SOLID WASTE AUTHORITY

## *Combined Work Session & Regular Meeting — Lanchester*

*November 19, 2009*

1. **Call to Order:** Bob Schoenberger, Chairman, called the November 19, 2009 Combined *Work Session & Regular Meeting* of the Chester County Solid Waste Authority to order at 5:30 p.m.

*Authority Members Present*

Bob Schoenberger  
William H. Shirk  
Ramsey G. DiLibero  
Dante W. Renzulli, Jr. Esquire  
Peter Knipe  
Vince Carosella

*Authority Members Absent*

Peter Marroletti

*Management and Staff Present*

Robert A. Watts  
James M. Gorney  
Gerald A. Myer  
Gary Laird  
Nancy Fromnick  
Owen R. Esterly  
Terry Devine

*Solicitor*

Vincent M. Pompo, Esquire

2. **Meeting Minutes:** Mr. DiLibero moved and Mr. Shirk seconded that the minutes of the October 22, 2009 *Work Session Meeting* and the October 29, 2009 *Regular Session Meeting* be approved. The vote was unanimous.

3. **Chairman's Announcements.** (BS)

The Chairman had no announcements.

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

**A. Monthly Activity Report:** Mr. Watts said he would like to mention a few items from his report. Mr. Watts said he attended the Chester County Chamber of Business and Industry's Small Business dinner where he received the 2009 J. Larry Boling Innovation and Excellence in Local Government Award. Mr. Watts also met with a group that would like to locate a wind cube - wind turbine at Lanchester. Mr. Watts said we now have seven houses rented, one for sale and one just purchased today

**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. Newspaper Articles:** Mr. Watts said the first article in this section was Chester County South Carolina is planning to spend \$500 million on a waste to energy plant, a final vote will be next month. There was also an October 31<sup>st</sup> *Intelligencer Journal* article that the Lancaster County Commissioners have stated their support for regional digester to help with manure problems.

**D. PADEP Press Releases:** This section contains a press release that says the SRBC is reaching out to governmental organizations to help them with remote stream monitoring. This section also includes the PADEP's collection fee annual report. This reports over 90% of the solid waste fees are collected by landfills

**E. Granger Energy Second Amendment:** The Board told Mr. Watts that they will study this for consideration next month.

**F. November 17, 2009 Meeting With Commissioners:** This section contains a letter concerning CCSWA's request to the Commissioners that allows CCSWA to own and operate solid waste facilities at locations other than Lanchester.

**G. Executive Session:** The Board left Regular Session to discuss a real estate purchase at 6:20pm and returned to Regular Session at 6:35pm.

5. **Operations/Site Development Report. (GAM)**

**A. Monthly Activity Report:** The following is the report for Operations/Site Development.

**Landfill Gas Collection/Odor Control**

Mr. Myer reported the current gas flow is approximately 2800 SCFM through the plant and 500 SCFM is running the engine.

**Weather**

We received 5.60" of rainfall in the month of October.

**Compost Site**

We are accepting leaves, skids, and vegetative wood waste.

### **Miscellaneous Site Work**

Page 2 has a partial list of the routine work for the month. I will comment on two of the items.

We removed Cell B-1 keyway soil before trash placement. The soil was hauled to area C for intermediate cover.

Flooring continues in Area D-2. After a section is floored bulky waste is placed on top of it to raise the grade to the desired elevation.

### **Man-Hours**

Page 3 shows how the man hours were spent for the month.

### **Equipment and Current Events**

The geosynthetics in the Area of EW-312 have been repaired per the original cap specifications. Intermediate cover is being placed and topsoil and composted sludge will be added along with a temporary cover crop.

Information continues to be gathered concerning Lanchester Landfill becoming a certified Wildlife Habitat Site.

### **Landfill Inspections**

John Pollock (PADEP) was on site October 28, 2009 for an inspection. A copy of his report is attached. Mark Mueller, Caernarvon Township Host Community was also on site October 28, 2009 and a copy of his report is included with my report. Joe Cutter (Caernarvon Township Inspectors) was also on site several times during the month and a copy of his report is also attached.

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

**A. Monthly Activity Report:** The Monthly Engineer's Report for November 2009 was presented to the Board. The following items were included in the verbal report:

- The current Construction Services Contracts are listed in the written report.
- Ludgate Engineering Corporation performed various survey tasks during this report period. The tasks are listed in the written report.
- SCS Engineers is scheduled to participate in the final inspection of the 2009 Landfill Gas System Expansions.
- During this report period, the ARM Group Inc. prepared and delivered an updated Capital Plan for the Area D Landfill Units. The ARM Group Inc. also attended the November 12, 2009 Public Hearing regarding the Area E Permit Application.

- During this report period, Geosyntec Consultants issued a response to the technical comments received from Gannett Fleming concerning the Area E Permit Application. The technical comments were issued by Gannett Fleming on behalf of Caernarvon Township Supervisors. Geosyntec also attended the November 12, 2009 Public Hearing regarding the Area E Permit Application.
- During this report period, Blazosky Associates Inc. provided LFG monitoring services related to EW-312
- The Certification Report for the 2009 Landfill Gas System Expansions remain in progress. I am still waiting for Drillmore Construction to submit the Record Drawings and other documentation necessary to complete the Report.
- During this report period the geosynthetic cover system near EW-312 was completed by Chesapeake Containment Systems, Inc. The work was inspected by the Authority Staff. The Certification Report is in progress.
- The Minor Permit Modification for the relocation of the existing landfill gas flare station was issued by PADEP on November 4, 2009.
- No progress to report concerning the pond rehabilitation at 279 Boot Jack Road.
- The 2009 Roadway Improvements Project was completed during this report period. The work was inspected by the Authority Staff.
- The remainder of the written report can be reviewed at the Board's convenience.

**B. Geosyntec Consultants – Letter to Caernarvon Township:** A copy of the November 3, 2009 letter from Geosyntec Consultants to the Caernarvon Township Supervisors concerning the Area E Permit Application was presented to the Board.

**C. ARM – 2009 Capital Plan Update:** A copy of the November 10, 2009 Capital Plan Update for the Area D Landfill Units was presented to the Board.

**D. Relocation of LFG Flare Station – Minor Permit Modification:** A copy of the November 4, 2009 Minor Permit Modification for the Relocation of the Landfill Gas Flare Station was presented to the Board.

**E. EW-312 Cover System Repair:** Construction photographs of the EW-312 cover system repair performed on November 5 and 6, 2009 were presented for the Board's review.

**F. 2009 Roadway Improvements:** Construction photographs of the 2009 Roadway Improvements Project performed from November 2 through 4, 2009 were presented for the Board's review.

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

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

**OCTOBER HIGHLIGHTS:**

- October 2009 landfill leachate 675,650 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	151,484 gallons
Area B	67,319 gallons
Area D-1	130,157 gallons
Area D-2	187,272 gallons
Area D-3	28,475 gallons
Granger gas condensate	36,281 gallons

Year to date landfill leachate 5,953,575 gallons

- October 2008 landfill leachate 423,569 gallons
- October 2009 Rainfall 3.80"

**LEACHATE INVENTORY UPDATE: (As of November 1, 2009)**

T-101 Leachate Storage Tank	- 405,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 0 gallons	capacity – 850,000 gallons
<u>T-100 Equalization Tank</u>	<u>- 94,000 gallons</u>	<u>capacity – 110,000 gallons</u>
Total Leachate Inventory	- 499,000 gallons	capacity – 1,810,000 gallons

Total percent of storage utilized - 27 %

**LEACHATE COLLECTION SYSTEMS –**

The Leachate collection system is 100% operational.

**RECIRCULATION SYSTEM**

- 293,465 gallons was recirculated during the month of October 2009. Recirculation for the month was into both the leachate trenches and blankets.

**Recirculation to date: 11/1/2009**

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>	
A	-----	-----	This Trench is closed
B	-----	-----	This Trench is closed
C	1,341,357	1,888,720	
D	1,254,826	1,783,398	
E	1,379,086	2,631,930	
F	2,756,828	3,682,875	
G	2,885,968	5,066,750	
H	1,087,497	5,687,500	
<b>Total</b>	<b>11,828,506 (gal)</b>	<b>21,681,836 (gal)</b>	

Remaining Trench Capacity – 9,853,330 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	485,965	1,250,000
2	466,747	1,250,000
3	447,752	1,250,000
4	393,887	1,250,000
<b>Total</b>	<b>1,794,351 (gal)</b>	<b>5,000,000 (gal)</b>

**UFRO Research and Development November 09**

The cost for the UFRO plant upgrade came in over \$ 10,000. This project will have to be bid. I have received quotes from The EarthRes Group as well as Keystone Engineering Group for the compilation of the bid package as well as the project inspection and any correspondence that might be required with DEP. Keystone engineering also included an engineering estimate for the upgrade.

I would like to recommend Keystone Engineers for award of this project as I feel they have a better understanding of this project and the Authorities needs. Keystone also responded in a far timelier manor than did The EarthRes Group.

The quotes are attached as exhibits at the end of this report as well as an upgrade drawing I put together for the Board's review.

Keystone Engineers - \$18,500

The EarthRes Group – \$14,450

Project estimate cost as supplied by Keystone Engineers \$22,500

**8. Compliance Officer's Report. (TAD)**

**A. Monthly Activity Report:** Ms. Devine stated that the quarterly ground water monitoring continues and that there were no radiation alarms since the last meeting. Storm water samples are due and will be collected when it rains. Ms. Devine mentioned that she inspected a load at the landfill that a hauler claimed was from Coatesville and it turned out it was from New Holland. LCSWMA was informed of the findings. Ms. Devine also mentioned she and Bob conducted a slide presentation and a site tour for a group from F&M College. There were no questions for Ms. Devine and that concluded her report.

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

**A. Monthly Activity Report:** Ms. Fromnick provided a list of the meetings and events attended during the past month. Ms. Fromnick met with representatives of the City of Coatesville interested in improving the recycling program. An October 20 site meeting finalized the location of a future yard waste composting site and potential food waste composting program. A DEP application will be submitted. Ms. Fromnick met with the Penn Organic composting site representative. Their PBR is yet to be approved. The Regional HHW representatives finalized their choice of a 2010-2012 vendor agreement. The Green Business Award was presented to ING at the Chamber Small Business Dinner. Ms. Fromnick met with all public school facilities directors. Customized kits were provided containing local recycling ordinance requirements, tips to set up a successful program, expected trends, the CCSWA container lending program and how to become an Eco-School.

Ms. Fromnick requested that she be allowed to review the contract specs in the future before they are sent to potential service providers.

**B. Correspondence: In:** It was noted that 42 of the 73 potential HHW commitments have been received thus far. **Out:** Items were listed for perusal.

**C. Projects:** Items listed for perusal. The 2010 Master Composting training schedule, a tentative 2010 HHW schedule and 2009 HHW waste description totals were provided.

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

**A. October 2009 Monthly Tonnage Report:** Mr. Gorney presented the Tonnage Report for October 2009, indicating that the tonnage of 24,595.74 was 7.4% under budget and was lower than October 2008 by 5.5%.

**B. October 2009 Accounts Receivable:** Mr. Gorney stated that receivables day sales outstanding increased from 32.85 days in September 2009 to 32.92 days in October 2009. Mr. Gorney stated that the increase was due to slower payments from several accounts.

**C. October 2009 Financial Statement:** Mr. Gorney presented the Financials for October 2009 stating that we had a gain of \$264,554 for the month. Retained Earnings are at \$39,915,537. The funds invested totaled \$35,070,931.59 at month end. The interest earned in October 2009 was at a rate of 1.31% down from the 1.35% in September 2009. The rate decreased due to the rollover of funds to lower interest rates. Mr. Carosella made a motion to accept the October 2009 Financials as presented; Mr. Renzulli seconded the motion. The motion was carried by a unanimous vote.

**D. October 200 Vendor Check Register Report:** The Vendor Check Register was presented to the Board. The checks for October 2009 totaled \$1,473,169.78. Mr. Knipe made a motion to accept the October 2009 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 November 2009 Large Dollar invoices totaling \$228,811.82 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:** Mr. Gorney presented the documents for the rollover of the \$1,700,000.00 U.S. Treasury Note. Mr. DiLibero made a motion to approve the Resolution as presented; Mr. Carosella seconded the motion. The motion was carried with a unanimous vote.

The meeting was adjourned at 7:16.

Prepared by,  
Peggy A. Cunius