

# CHESTER COUNTY SOLID WASTE AUTHORITY

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

*February 19, 2009*

1. **Call to Order:** Bob Schoenberger, Chairman, called the February 19, 2009 Combined *Work Session & Regular Meeting* of the Chester County Solid Waste Authority to order at 5:34 p.m.

Authority Members Present

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

Authority Members Absent

Management and Staff Present

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

Solicitor

Vincent M. Pompo, Esquire

1. **Meeting Minutes:** The minutes of the *Work Session Meeting Session* of January 22, 2009 and the *Regular Session Meeting* of January 29, 2009 are in the Board Book for approval at the *Regular Session Meeting* next month.
2. **Chairman's Announcements.** (BS)

The Chairman had no announcements.

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

**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 he had last week sent out notices to the two Counties and three Townships and 38 contiguous property owners that we plan to submit the application for the Area E Landfill Expansion next week. Mr. Watts said there was a Chester County Solid Waste Implementation Committee Meeting that he attended during the end of January. The meeting resulted in a decision to start the process to implement a minor Chester County Solid Waste Plan Update in the near future. Mr. Watts said he, Nancy Fromnick and the Chairman have been working on updating Upper Uwchlan Townships bid documents for collection and recycling of solid waste. Mr. Watts has met with representatives from Beartown Recycling concerning construction and demolition debris recycling at Lanchester. There is another meeting scheduled for next week. Mr. Watts said he met with a Wildlife Biologist and Education Specialist from the Wildlife Habitat Council today. They said we are already doing enough to qualify for their Wildlife at Work program that we are planning to apply for soon. They said we are already doing more for wildlife and the community than any landfill they have visited. They will work with us to enhance what we are doing and start new projects. One project they suggested is to start an environmental education center at the former Zimmerman property. The Board asked Mr. Watts to explore this idea further.

**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.

**C. Newspaper Articles:** Mr. Watts said this section contains a copy of the news articles on the recent problems in Coatesville. There was also an article on the Governor's proposed budget cut of 172 positions at the PADEP. There was an article concerning Wheelabrator Technologies being awarded the contract to build the first waste to energy plant in more than 10 years in Frederick County, Maryland. In an article concerning the largest landfill in California they say their business is down 30% and they attribute it to the slow economy.

**D. PADEP Information:** Mr. Watts said this section contains a copy of the press release that there will be a meeting on a Mercer County Landfill's application for expansion next week. There was also a copy of a letter from the PADEP in this section waiving their fees on the Coatesville cleanup waste already disposed of at Lanchester.

**E. SWANA Update:** Mr. Watts said this section contains a copy of two memos Shannon Crawford sent us concerning tax credits for landfill gas in early versions of the stimulus bill.

**F. Thank You Letters:** This section contained a copy of a letter we received from the Chester County Community Dental Center, Coatesville Clean-up, Honey Brook Community Library and the Brandywine Valley Association for our recent donations.

**G. 2008 Report to Chester County Commissioners:** Mr. Watts said this section contains a copy of the report that is required as part of the Chester County Solid Waste Plan. Mr. Watts said he and Mr. Schoenberger put the report together.

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 gas flow is approximately 3000 SCFM. Granger Energy is in startup mode with gas from Conestoga Landfill. The combined gas flow exceeds customer demand at time and the onsite engine and/or flare are utilized during these times.

**Weather**

We received 0.91” of rainfall in the month of January.

**Compost Site**

We are accepting leaves, skids, and vegetative wood waste. We also cleaned up trash, paper and metal delivered in wood waste loads.

**Miscellaneous Site Work**

Page 2 has a partial list of the routine work for the month. We spent 274.50 man/machine hours assisting Coatesville Police with an ongoing investigation. The total man/machine hours spent on this was 411.75.

**Man-Hours**

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

**Equipment and Current Events**

We will be preparing a dozer and two wheel loaders for sale in 2009.

The landfill closed at 1:00 PM on February 12, 2009 due to high winds. There were gusts over 50 MPH.

Cleveland Brothers is installing a new engine in the 836G compactor. Last month fuel showed up in the coolant. At the time of failure there was 10,151 hours on the machine. Cleveland Brother and Caterpillar through testing determined the problem was most likely a cracked head. We also learned this engine (Model 3456) is considered by Caterpillar to be a 10,000 hour engine. This mean the bottom end after 10,000 hours of use usually requires a total rebuild because of the extent of wear. The cost for a total rebuild and a new engine are the same and the down time is about two week less with a new engine.

### **Upcoming Projects/Activities**

Install leachate recirculation lines in Cell D-3

### **Landfill Inspections**

John Pollock (PADEP) was on site January 23, 2009 for an inspection. A copy of John's report is included. Joe Cutter and Joe Roach (Caernarvon Township Inspectors) were also on site several times during the month. A copy of their reports are included.

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

**A. Monthly Activity Report:** The Monthly Engineer's Report for February 2009 was presented to the Board. The following tasks were reviewed with the Board:

- The aerial photograph was mounted during this period and currently displayed in the meeting room.
- The Cell D3 Landfill Gas System Expansion has been deferred until an updated agreement is reached with Granger Energy.
- The Area E Permit Modification Application is scheduled to be submitted on February 25, 2009.
- During this period I spoke with Mr. Tom Hanlon of PADEP concerning the necessary permit application forms for the proposed relocation of the existing landfill gas flare station. Mr. Hanlon indicated that a Minor Permit Modification is all that is needed for the relocation of existing equipment.

**B. Letter to SRBC Dated January 26, 2009:** The January 26, 2009 letter to Mr. Eric Roof of the SRBC concerning the status of Consumptive Water Use and Groundwater Withdrawal Applications was presented to the Board.

**C. Geosyntec Consultants – Status Report:** The February 17, 2009 Project Status Report from Geosyntec Consultants was presented to the Board.

**D. ARM – Status Report:** The February 12, 2009 Status Report from the ARM Group Inc. was presented to the Board. The SRBC Permitting Assistance Task required more effort than originally anticipated due to the complex regulatory and permit history. An increase to the task budget in the amount of \$5,600 is needed. A motion to approve the increase was made by Peter Marroletti with a second by Dante Renzulli. The motion passed.

**E. Keystone Engineering Group – Status Report:** The February 16, 2009 Progress Report from Keystone Engineering Group, Inc. was presented to the Board. Construction photographs of the work were attached.

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

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

**JANUARY HIGHLIGHTS:**

- January 2009 landfill leachate 352,427 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	145,898 gallons
Area B	80,366 gallons
Area D-1	93,228 gallons
Area D-3	21,786 gallons
Granger gas condensate	11,149 gallons

Year to date landfill leachate 352,427 gallons

- 2008 average leachate inflow 543,508/month
- January 2008 landfill leachate 553,005 gallons
- January 2009 Rainfall 2.65”

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

T-101 Leachate Storage Tank	- 0 gallons	capacity – 0 gallons
T-115 Leachate Storage Tank	- 220,000 gallons	capacity – 650,000 gallons
T-100 Equalization Tank	- 110,000 gallons	capacity – 110,000 gallons
Total Leachate Inventory	- 272,500 gallons	capacity – 760,000 gallons

Total percent of storage utilized - 29%

**LEACHATE COLLECTION SYSTEMS –**

The Leachate collection system is 100% operational.

**RECIRCULATION SYSTEM**

- 100,027 gallons was recirculated during the month of January 2009. Recirculation for the month of January was into the leachate blankets.

**Recirculation to date: 2/1/2009**

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>	
A	-----	-----	This Trench is closed
B	267,144	313,236	
C	1,227,379	1,888,720	
D	1,128,921	1,783,398	
E	1,300,484	2,631,930	
F	2,700,591	3,682,875	
G	2,858,093	5,066,750	
H	1,040,838	5,687,500	
<b>Total</b>	<b>11,334,576 (gal)</b>	<b>21,681,836 (gal)</b>	

Remaining Trench Capacity – 10,347,260 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	32,340	1,250,000
2	36,725	1,250,000
3	30,962	1,250,000
4	0	1,250,000
<b>Total</b>	<b>100,027 (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 8.7 gpm. The plant is averaging approximately **2,350 gpd** for the month of January 09.

The RO unit produced – **72,840** gallons of permeate during the month of January 2009

New RO Membranes were installed early in the month of January.

MONTHLY COST ESTIMATE	\$3,945.13	
Monthly Deprecation		\$8,295.27
Monthly Electric	\$2,100.00	
<b>Total</b>	<b>\$6,045.13</b>	
<b>Cost Per Gallon</b>	<b>\$0.08</b>	<b>\$0.20</b>

**GROUND WATER INVENTORY UPDATE: 2/1/2009**

Ground Water Storage Pond – 612,870 gallons 77 % of capacity  
Total Ground Water received for December 2008 – 218,687 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 January 2009 will report full compliance with 2003 NPDES Permit. All Monitored Parameters were below required discharge limits.

0 gallons from the effluent equalization tank (Outfall 100) of treated permeate and 347,000 gallons of groundwater (Outfall 101) was discharged to (Outfall 001). A total of 347,000 gallons was discharged to the Conestoga River during January 2009.

**Discharge from Outfall 101 to Outfall 001 to Conestoga River**

**SRBC APPLICATION PROCESS** – A meeting is scheduled with the SRBC and the CCSWA staff on February 26<sup>th</sup> at 9:30 am to discuss the historical consumptive water use.

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

**A. Monthly Activity Report:** Ms. Devine mentioned that the annual groundwater report is being prepared by Golder Associates. Ms. Devine also mentioned that the first quarter 2009 sampling event was just completed. Ms. Devine mentioned that the Authority received a draft Title V permit on December 31, 2008, and that comments were submitted and we are awaiting the final permit. There were two radiation alarms since the last meeting. Both loads were household trash and both isotopes were identified as I-131 and the loads were landfilled. Ms. Devine mentioned that gas well # 16 was checked a number of times since the last meeting because of elevated methane levels. Methane was back to zero on February 4<sup>th</sup>.

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

**A. Monthly Activity Report:** Ms. Fromnick mentioned the highlights of the meetings and events attended during the past month. Ms. Fromnick chaired the municipal Process and Marketing Contract specifications meeting, hosted the first of the glass sand (DEP #1 priority) use promotions, chaired the Chamber Recycling/Business Advisory Committee and had a meeting with the County Contracts and Purchasing representative.

**B. Correspondence: In:** Spring City made the financial commitment to the 2009 HHW Program and Atglen continues to refuse participation. The DEP approved the five Chester County 2009 HHW Events.

**Out:** HHW schedule sent to municipalities, environmental groups, churches and synagogues and State congressman.

**C. Projects:** Certified master composting training is scheduled in March at three locations, 2009 Green Business Award Promotion, plan electronics/shredding event, develop a new HHW contract and promote development of a new compost site with potential food waste composting, the #2 DEP priority.

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

**C. December 2008 Revised Financial Statement:** Mr. Gorney presented the revised December 2008 Financials. The revision was due to the recalculation of depreciation on the Residential Real Estate. The income for 2008 was \$2,187,855 or 34.0% under budget. Mr. DiLibero made a motion to accept the December 2008 Financials as presented; Mr. Mr. Knipe seconded the motion. The motion was carried by a unanimous vote.

**A. January 2009 Monthly Tonnage Report:** Mr. Gorney presented the Tonnage Report for January 2009, indicating that the tonnage of 22,060.48 was 6.9% under budget, and was 7.4% lower than January 2008.

**B. January 2009 Accounts Receivable:** Mr. Gorney stated that receivables day sales outstanding decreased from 35.29 days in December 2008 to 33.16 days in January 2009. Mr. Gorney stated that the decrease was due to higher payments from several large accounts. Mr. Gorney advised the Board that the City of Coatesville was in arrears on paying their open account.

**C. January 2009 Financial Statement:** Mr. Gorney presented the Financials for January 2009 stating that we had a gain of \$255,931 for the month, which was 1.8% under budget primarily due to lower than budget tonnage partially offset by lower expense. Retained Earnings are at \$36,509,768. The funds invested totaled \$30,599,106.47 at month end. The interest earned in January 2009 was at a rate of 2.59% down from the 2.82% in December 2008. Mr. Mr. Knipe made a motion to accept the December 2008 Financials as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

**D. January 2009 Vendor Check Register Report:** The Vendor Check Register was presented to the Board. The checks for January 2009 totaled \$2,079,568.40. Mr. Knipe made a motion to accept the January 2009 Check Register as presented; Mr. Shirk seconded the motion. The motion was carried by a unanimous vote.

**E. Large Dollar Check Approvals:** Mr. Gorney presented the February 2009 Large Dollar invoices totaling \$679,872.56 consisting of the attached schedule 10E. Mr. Renzulli 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. 2009 Revised Financial Plan:** The Financial Plan for 2009 was presented. Mr. Renzulli made a motion to accept the Financial Plan for 2009 as presented; Mr. DiLibero seconded the motion. The motion was carried by a unanimous vote.

**G. Investment Policy:** Mr. Gorney presented the memo from counsel and the PMAA section #5611 – Investment of Authority Funds for the Boards review and direction. Mr. Knipe and Mr. Gorney will develop an investment policy for Board approval.

The meeting was adjourned at 6:50.

Prepared by,  
Peggy A. Cunius