

CHESTER COUNTY SOLID WASTE AUTHORITY

Work Session — Lanchester

May 20, 2010

1. **Call to Order:** Bob Schoenberger, Chairman, called the may 20, 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
Dante W. Renzulli, Jr. Esquire
William H. Shirk
Peter Marroletti

Authority Members Absent

Ramsey G. DiLibero
Vince Carosella

Management and Staff Present

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

Solicitor

Vincent M. Pompo, Esquire

2. **Meeting Minutes.** The minutes of the April 22, 2010 *Work Session* and the April 29, 2010 *Regular Session Meeting* will be approved next week.
3. **Chairman's Announcements.**

The Chairman said there is an award ceremony for scholarships of the Owen J. Roberts Education Foundation taking place June 3rd at the Owen J. Roberts High School. The Board has been invited to attend since they contributed money last month in honor of their former Board Member - Chuck Moody.

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 he and the Chairman have been helping Upper Uwchlan Township help with their bid for waste and recycling collection. There were two meetings Mr. Watts attended this month on alternative energy.

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: There was an article in this section concerning the Western Berks Refuse Authority helping to expand the Cumru Township landfill. Also in this section was an article about the Brandywine Valley Association receiving a \$1.2 million dollar grant to help with the project the Authority donated money to earlier this year. There was also an article about a NJ landfill installing a \$7.5 megawatt solar project on top of a landfill.

D. SRBC April 28, 2010 Letter: This section contains a copy of the letter they sent to us refunding our application fee after our Solicitor raised some legal issues at our April 1st meeting with the SRBC.

E. Rail Transfer Stations: This section contained a copy of an unsolicited letter received concerning the sale of two transfer stations in the Philadelphia area.

F. US Executive Journal Article: The recent edition included an article concerning energy projects at Lanchester.

G. Chester County Waste Destinations 1st Quarter: This section contains a copy of the PADEP's numbers and a bar chart comparing 2009 and 2010 Chester County waste generation.

H. Chester County Plan NOV'S: This section included one of the letters our Solicitor sent to violators. There were also responses from three violators included in this section.

I. A.J. Blosenski's Request: Mr. Knipe moved and Mr. Shirk seconded filing the appropriate documents to release A.J. Blosenski from our legal filings of about 12 years ago. The vote was unanimous.

J. PADEP NOV Exelon Eddystone: Mr. Marroletti moved and Mr. Shirk seconded authorizing the signing of the Consent Assessment and paying the \$2,000.00 fine. The vote was unanimous.

5. Operations/Site Development Report:

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

Landfill Gas Collection/Odor Control

Mr. Myer reported the current gas flow is approximately 2,700 CFM. When the engine is running it burns approximately 420 CFM and the balance is sent to the customers. A second engine is scheduled to be delivered in June. Dart Container is scheduled to install two turbines this year which will burn 2,000 – 3,000 CFM.

Weather

We received 2.11” of rainfall in the month April.

Miscellaneous Site Work

Page 2 has a partial list of the routine work for the month.

Soil has been placed to the top of the berm in the 15’ setback in Cell D-2. Gas collection piping has been installed by CCSWA and a gas header and a Leachate recirculation line are being installed by Drillmore.

Man-Hours

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

Equipment and Current Events

We continue to gather information to have Lanchester Landfill certified as a Wildlife Habitat Site.

The 973 Loader under carriage is in progress

We received four bids for the Fuel Island Upgrade and Loading Rack. Recommendation to award the bid will follow my report.

Upcoming Projects/Activities

Mow landfill benches to allow easier access to the gas wells for testing and maintenance as needed.

Place intermediate cover on the north slope of cell D-2.

Landfill Inspections

John Pollock (PADEP) was on site April 27, 2010 for an inspection. A written report of that inspection is included in my report. (pages 2 and 4 were not sent by PADEP) Mark Mueller, Caernarvon Township Host Community was also on site April 27, 2010 his report is also included in 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.

B. Fuel Island Upgrade & Steel Loading Rack: On May 11, 2010 the Authority received four bids for the Fuel Island Upgrade and Steel Loading Rack. William P. Kachel, Jr. of Kennett Square was the low bidder as shown in Exhibit 1. I spoke with 5 of the 13 references he provided and all were very pleased with his performance. The solicitor reviewed the bid and gave his approval as to legality and form. I recommend the Authority award the bid to William P. Kachel in the amount of \$69,000.00.

A motion to award the bid to William P. Kachel was made by Peter Marroletti With a second by Dante W. Renzulli, Jr. Esquire. The motion passed.

6. Facility Engineer's Report:

A. Monthly Activity Report: The Monthly Engineer's Report for May 2010 was presented to the Board. The following items were included in the verbal report.

- The current list of construction service contracts includes the Disinfection Modification Project and the 2010 Entrance Paving Repairs. The Entrance Paving remains in the bidding phase.
- During this report period Ludgate Engineering Corporation completed the record drawings for the 2009 LFG System Expansions.
- The request to abandon the older enclosed flare remains under review by PADEP's Bureau of Air Quality.
- I received a telephone call from Mike Houlihan of Geosyntec. He called to inquire when the unresolved budget requests might again appear on the Board's agenda. I reminded Mr. Houlihan that Geosyntec's requests lack appropriate support documentation.
- Keystone Engineering submitted a "draft" copy of the Public Sewer and Water Evaluation Report. The Report remains under review.
- Blazosky Associates Inc. continued to provide LFG monitoring services related to EW-312 during this period.
- Sanborn Head and Associates conducted training in the use of the web based Landfill Gas Management Suite™ software.
- A kick-off meeting concerning the Post Closure Alternative Energy Project was conducted on May 12, 2010.
- A meeting concerning the Waste Filling Sequence Drawings is scheduled for next week.
- The Certification Report for the 2009 LFG System Expansion is complete and will be sent to PADEP as soon as the copies are made.
- A meeting was conducted with UGI Energy Services concerning their expression of interest in the development of a solar energy project.
- The agreement for the Disinfection Modification Project was executed.

- An email was sent to Mr. John Oren of PADEP to inform him about the Authority’s pending Disinfection Modification Project and to suggest modifications to the Authority’s leachate storage and hauling practices. Mr. Oren has indicated that he “thinks the plan looks good” and that he has “sent it around” (for comments).

B. ARM Group Inc. Monthly Status Report: A copy of the Monthly Status Report from the ARM Group dated May 13, 2010 was presented to the Board for review. The report provides an update on the progress of the Area E PMA and other assignments.

C. 2010 Entrance Paving Repairs Notice to Bidders: A copy of the Notice to Bidders for the 2010 Entrance Paving Repairs was presented to the Board. The Bids will be received on June 10, 2010.

D. Flare Station Relocation Final Design Phase Proposal: The May 12, 2010 proposal from SCS Engineers concerning the Enclosed Flare Station Relocation Design was presented to the Board for review and consideration at next week’s Regular Meeting.

E. Alternative Energy Evaluation Status: A copy of the May 17, 2010 meeting minutes concerning the Post Closure Alternative Energy evaluation was presented to the Board. The consultant, Barton & Loguidice, is recommending a PEDDA grant application be submitted. The deadline for the application is June 15, 2010.

7. Water Management’s Report:

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

APRIL HIGHLIGHTS:

- April 2010 landfill leachate 668,797 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	242,124 gallons
Area B	104,589 gallons
Area D-1	154,633 gallons
Area D-2	78,160 gallons
Area D-3	63,048 gallons
Granger gas condensate	24,243 gallons

2010 Year to date landfill leachate metered 3,275,452

- April 2009 landfill leachate 549,753 gallons
- April 2010 Rainfall 2.04”

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

T-101 Leachate Storage Tank	- 222,500 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 217,500 gallons	capacity – 850,000 gallons
<u>T-100 Equalization Tank</u>	<u>- 110,000 gallons</u>	<u>capacity – 110,000 gallons</u>
Total Leachate Inventory	- 545,000 gallons	capacity – 1,810,000 gallons
Total percent of storage utilized	- 29 %	

LEACHATE COLLECTION SYSTEMS –

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 210,622 gallons was recirculated during the month of April 2010. Recirculation for the month was into both the leachate trenches and blankets.

Recirculation to date: 5/1/2010

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>	
A	-----	-----	This Trench is closed
B	-----	-----	This Trench is closed
C	1,426,152	1,888,720	
D	1,345,845	1,783,398	
E	1,443,945	2,631,930	
F	2,843,519	3,682,875	
G	2,937,274	5,066,750	
<u>H</u>	<u>1,149,679</u>	<u>5,687,500</u>	
Total	12,264,205 (gal)	21,681,836 (gal)	

Remaining Trench Capacity – 9,417,631 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	123,483	1,250,000
2	108,620	1,250,000
3	109,280	1,250,000
4	93,227	1,250,000
Total	434,610 (gal)	5,000,000 (gal)

UFRO Research and Development April 2010

The UFRO Treatment plant upgrade continues moving forward. See attached progress report from Keystone Engineering Group.

9. Recycling Coordinator's Report:

A. Monthly Activity Report: Ms. Fromnick provided a list of school and Community organization presentations and meetings attended during the past month. There was a great deal of interest because of "Earth Day, Week and Month". Ms. Fromnick commented that the Process and Marketing participants accepted the Allied pricing offer and extended the contract for 2 additional years. Ms. Fromnick is working with ING to be the first food waste collection program destined for the Arborganics site in North Coventry.

B. Correspondence: Among the items listed was the CCSWA Waste Watcher Award Application.

C. Projects: Work continues on the Act 101 2009 Annual Report. Ms. Fromnick also commented on the events and workshops conducted by the volunteer master composters.

D. Attachments: The CAT Pickering HHW Event Invoice and Waste Description showed an increase in cost and the costly continuation of latex paint disposed as hazardous. The CCSWA Shredding and Electronics Event had fewer participants, avoiding the cost of mailing post cards, but collected more electronics than previous years. The press release announcing the reauthorization of the recycling fee gives hope of continued funding for recycling programs.

10. Business Manager's Report.

A. April 2010 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for April 2010, indicating that the tonnage of 26,428.16 was 1.2% under budget and was higher than April 2009 by 4.3%.

B. April 2010 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding increased from 30.10 days in March 2010 to 32.52 days in April 2010. Mr. Gorney stated that there were no major problems.

C. April 2010 Financial Statement: Mr. Gorney presented the Financials for April 2010 stating that we had a gain of \$367,352 for the month. Retained Earnings are at \$41,077,443. The funds invested totaled \$36,259,232.39 at month end. The interest earned in April 2010 was at a rate of 0.74% down from the 0.81% in March 2010. The rate decreased due to the rollover of funds to lower interest rates.

D. April 2010 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for April 2010 totaled \$1,177,848.45.

E. Large Dollar Check Approvals: Mr. Gorney presented the May 2010 Large Dollar invoices totaling \$331,196.92 consisting of the attached schedule 10E. Mr. DiLibero made a motion to accept the Large Dollar Invoices as presented; Mr. Knipe seconded the motion. The motion was carried by a unanimous vote.

F. Insurance – Pollution Liability & General Liability: Mr. Gorney presented the details for the renewal of the General Liability Insurance for one year and the Pollution Liability Insurance for three years. The General Liability Insurance decreased 0.01% from last year and the Pollution Liability Insurance rates decreased 11.52% from three years ago. Overall, the average decrease for the two policies was 8.9%. Coverage remained the same for both policies. Mr. DiLibero made a motion to approve the rollover as presented; Mr. Shirk seconded the motion. The motion was carried with a unanimous vote.

There being no further business, the meeting was adjourned at 6:59 p.m.

Prepared by,

Peggy A. Cunius