

CHESTER COUNTY SOLID WASTE AUTHORITY

Combined Work Session & Regular Meeting — Lanchester

November 15, 2012

1. **Call to Order:** Bob Schoenberger, Chairman, called the November 15, 2012 Combined *Work Session & Regular Meeting* of the Chester County Solid Waste Authority to order at 5:30 p.m.

Authority Members Present

Bob Schoenberger
Peter Marroletti
Vince Carosella
Ramsey G. DiLibero
Peter Knipe

Authority Members Absent

William H. Shirk
Carmen Battavio

Management and Staff Present

Robert A. Watts
James M. Gorney
Owen R. Esterly
Gary Laird
Terry Devine

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman said that a discussion with representative from the ARM Group would be the first item of business tonight.

3. **Meeting Minutes:** Mr. DiLibero moved and Mr. Carosella seconded that the minutes of the October 18, 2012 *Work Session Meeting* and the October 25, 2012 *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 one letter he received in October was from Joseph Roscioli – the head of the Public Works Department of West Whiteland Township. The letter was defining the repairs to Church Farm Lane that were caused by truck traffic of which both CCSWA and Chester County were responsible for. CCSWA hired a contractor to haul topsoil from the Church Farm School property to Lanchester. Chester County was constructing a parking lot for a trail head just off of Church Farm Lane. CCSWA will hire Lyons & Hohl to repair the damage and the County will pay 10% of the project costs. Mr. Watts said he had to contact one of our small haulers after being cited for non-compliance with our Transportation Compliance Plan three times in recent weeks. The workers for a local company were not wearing required personal protective equipment as specified in our Transportation Compliance Plan. Mr. Watts said in the beginning of November we hosted the Monthly Meeting of the Keystone Chapter of SWANA and the Delaware Valley Chapter of Air & Waste Management. Mr. Watts said this week at the Professional Recyclers of Pennsylvania annual reorganizational meeting they voted him in as President for another year. Mr. Watts said CCSWA had a conference call yesterday with the Honey Brook based sewer authority and we continue to make slow progress on the design and permitting of extending sewers to the Lanchester Landfill. Mr. Watts said all but one of our properties is currently rented. We sold an old roll off container this month through an online auction for \$1,350.00.

B. Senior Staff 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 if they arise later.

C. Solid Waste News: Mr. Watts said one of the articles in this section was concerning Blue Sphere Corp. out of Israel has signed two agreements in the US to build two small waste to energy projects. A newspaper article in the section discussed the decline in revenue seen by some municipalities in the Wilkes-Barre area as a result in decreased tonnage into the local landfill. An article from *Waste & Recycling News* was also in this section and was by an author that said, “The world needs more waste-to-energy plants, gasification technology”.

D. Pennsylvania Department of Environmental Protection Information: This section contains a copy of recent emails from the PADEP. The first one was concerning over weight trucks coming from New Jersey as a result of the Hurricane Sandy clean up. Mr. Watts said we are not taking any waste from out of state. The second email was concerning some webinars the PADEP was putting on concerning their “Permit Decision Guarantee” program.

E. Granger Energy Services Letter: This section contained a copy of the October 22, 2012 letter from Joel Zylstra. The Board asked Mr. Watts to look into the contract renewal terms.

F. Diversified Energy Partners Letter of Intent: This section contains a copy of the letter of intent they would like CCSWA to sign. The Board instructed their Solicitor to add some language that made it clear that CCSWA was not committed to any one project.

5. Operations/Site Development Report.

A. Monthly Activity Report: Mr. Watts said our landfill gas flows have been about 3,100 cfm. Mr. Watts said we recorded about 4.5 inches of rain in from Hurricane Sandy and a total of 8.82” for October. Mr. Watts said our contractor processed almost 1,000 tons of wood waste in October. Mr. Watts said only the hand written PADEP inspection was available and included in this section. The PADEP inspector asked that we add some additional cover to the top of the active area and we did. The inspector had no other issues. Mr. Watts said we did receive enough ash from Harrisburg to offset other daily cover costs for October. Mr. Watts said two of the three burners at Harrisburg will be down through most of January for routine maintenance. We have already seen a significant reduction in ash as a result of this planned outage. We have already alerted our contractor that we would like them to take a small portion of the Area B final cap off as permitted to allow us to tie in the next lift of waste in the Area D Landfill. We expect this work to start in the next two weeks.

6. Facility Engineer’s Report. (ORE)

A. Monthly Activity Report: At the October 2012 Work Session Meeting the Board posed questions and requested additional information concerning ARM Group’s October 15, 2012 letter regarding design, bidding and construction phase services on Area E, Stage 1A, 1B and 2. Mr. Bill Tafuto and Mr. Dan Fellon from the ARM Group were in attendance in order to answer the Board’s questions and attempt to better explain changes that occurred affecting the originally proposed scope of services and schedule. During his presentation Mr. Tafuto mentioned: findings from ARM’s review of the permit documents prepared by Geosyntec; the need for Geosyntec to make corrections to the permit documents; PADEP’s requirement of a Minor Permit Modification; and the resulting delay. Mr. Tafuto concluded his presentation by indicating that the only remaining out-of-scope services are limited to construction phase engineering services. ARM also furnished a cost spreadsheet of the engineering costs as a percentage of the construction costs. In the future, ARM has directed to carefully track all costs related to out-of-scope services. ARM began tracking costs for the remaining construction phase engineering services immediately following the October 2012 Work Session Meeting.

Following ARM’s presentation, the Monthly Engineer’s Report for October 2012 was presented to the Board for review. During the Board’s review of the Report, discussion of the ARM matter continued. Additional questions were raised and information requested by the Board. Staff will respond accordingly.

B. 2012 LFG Collection System Expansion-Notice to Bidders: A copy of the Notice to Bidders for the 2012 LFG Collection System Expansion was presented to the Board. A pre-bid meeting is scheduled for Wednesday, November 28, 2012. Bids are due on December 10, 2012.

C. Area E, Stage 1A Construction Certification Letter: A copy of PADEP's October 11, 2012 letter approving the Area E, Stage 1A Construction Certification Report was presented to the Board.

D. ARM Group-Monthly Status Report: A copy of the Monthly Status Report from the ARM Group dated November 12, 2012 was presented to the Board for review.

E. Area E, Stage 1B-Construction Status Report: A copy of the Construction Progress Report dated November 12, 2012 concerning Area E, Stage 1B was presented to the Board.

7. Water Management's Report. (GAL)

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

OCTOBER HIGHLIGHTS:

- October 2012 landfill leachate 577,291 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	96,631 gallons
Area B	135,141 gallons
Area D	329,852 gallons
Granger gas condensate	26,567 gallons

- October 2011 landfill leachate 451,129 gallons
- October 2011 Rainfall 5.12"
- October 2012 Rainfall 8.74"

LEACHATE INVENTORY UPDATE: (As of November 14, 2012)

T-101 Leachate Storage Tank	- 252,500 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 242,500 gallons	capacity – 850,000 gallons
T-100 Equalization Tank	- 110,000 gallons	capacity – 110,000 gallons
Total Leachate Inventory	- 605,000 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 33 %

LEACHATE COLLECTION SYSTEM:

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- The recirculation system was shut down for the month of October 2012. This was due to a pump rebuild and wet well maintenance and cleaning.

Recirculation to date: 9/01/2012

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>
E	1,793,912	2,631,930
F	3,130,621	3,682,875
G	3,263,425	5,066,750
H	1,366,965	5,687,500

Total **14,283,692 (gal)** **21,681,836 (gal)**
Remaining Trench Capacity – 7,472,834 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	355,778	1,250,000
2	347,510	1,250,000
3	316,262	1,250,000
4	269,763	1,250,000
Total	1,140,216 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

- The UFRO was shut down for the month of October and the first two weeks of November due to failure of the RO feed tank. This tank sprung leaks and had to be repaired. The tank is inside the Leachate Treatment Plant Building and was fully contained. The repair was finished on 11/9/2012 and is in the coating curing process. The plant will be running by Friday 11/16/2012

GROUND WATER INVENTORY UPDATE: 9/18/2012

- Ground Water Storage Pond – 515,000 gallons 64 % of capacity
- The Ground Water Storage Pond maintained a manageable level during October 2012 with a managed discharge to Outfall 001.
- Total Ground Water received for October 2012 – 30,956 gallons.

NPDES PERMIT COMPLIANCE:

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated October 27, 2009 – The NPDES DMR Outfall 001, 100 and Outfall 101 for January 2011 has reported full compliance with the 2009 NPDES Permit. All Monitored Parameters were below required discharge limits. 0 gallons from the effluent equalization tank (Outfall 100) of treated permeate and 395,000 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 396,000 gallons was discharged to the Conestoga River (Outfall 001) during October 2012.

8. Compliance Officer’s Report. (TAD)

A. Monthly Activity Report: Ms. Devine informed the Board that there were two radiation alarms since the last meeting. Both loads were residential waste. They were originated from West Goshen and Downingtown. The isotope was I-131 and both loads were landfilled.

Ms. Devine mentioned that she collected storm water samples on October 19, 2012 and is awaiting the results.

Ms. Devine mentioned that on October 26th she accompanied DEP inspector John Pollock around the site for an inspection. She mentioned that his only issue was that the top of D3 needed more cover material.

Ms. Devine also informed the Board that on November 1st we received and NOV from

DEP Safe Drinking Water Program for MCL exceedences for gross alpha, radium 226 and radium 228 at the maintenance building. She said that we plan to install a new water softener and then resample. Some discussion ensued about how the radiologicals get into the drinking water. Ms. Devine reported that it is naturally occurring in the rock formation. This is the first time the treatment system failed to remove the low level radiologicals since we have been testing.

9. Recycling Coordinator's Report (NJF)

A. Monthly Activity Report: Mr. Watts said Ms. Fromnick was on vacation so he would give her report tonight. Mr. Watts said Ms. Fromnick recently received a PADEP reimbursement check to cover half the costs of the first three HHW events. Most of the costs were covered by Chester County so we will be sending them a check this month for \$28,155.65. As the Board requested last month Ms. Fromnick included a very large spreadsheet of the recycling numbers she has collected since 1996 for Chester County. Mr. Watts suggested that when reviewing Ms. Fromnick's report if they have any questions they can contact her when she is back next week.

10. Business Manager's Report. (JMG)

A. October 2012 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for October 2012, indicating that the tonnage of 25,920.72 was 2.7% under budget and was under budget with October 2009.

B. October 2012 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding decreased from 35.66 days in September 2012 to 34.11 days in October 2012. Mr. Gorney stated that Landberg Concrete had no attachable assets and will ask for Board approval to write off the account in December 2012.

C. October 2012 Financial Statement: Mr. Gorney presented the Financials for October 2010 stating that we had a gain of \$286,954 for the month. Retained Earnings are at \$50,468,102. The funds invested totaled \$43,195,690.38 at month end. Mr. Carosella made a motion to accept the October 2012 Financials as presented; Mr. DiLibero seconded the motion. The motion was carried by a unanimous vote.

D. October 2012 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for October 2012 totaled \$1,521,927.92. Mr. Carosella made a motion to accept the October 2012 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 2012 Large Dollar invoices totaling \$568,066.88 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. Resolution for Equipment: Mr. Gorney presented the resolution to transfer the funds for the purchase of an 836 Compactor and an A30F Volvo Haul Truck. Mr. Knipe

made a motion to adopt the Resolution as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

G. Resolution for Area E Construction: Mr. Gorney presented the resolution to transfer the funds from the Area E Construction Fund to the Revenue Fund spent this year to date. Mr. Maroletti made a motion to adopt the Resolution as presented; Mr. DiLibero seconded the motion. The motion was carried by a unanimous vote.

H. 2013 Financial Plan: The Financial Plan was presented to the Board with changes. The Plan was discussed. Mr. Knipe made a motion to adopt the Financial Plan as presented; Mr. Maroletti seconded the motion. The motion was carried by a unanimous vote.

The meeting was adjourned at 7:33.

Prepared by,
Peggy A. Cunius