

**CHESTER COUNTY SOLID WASTE AUTHORITY**

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

***November 21, 2013***

- 1. Call to Order:** Bob Schoenberger, Chairman, called the November 21, 2013 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 Knipe  
Vince Carosella  
Peter Marroletti  
Joel Martin

*Authority Members Absent*

Ramsey G. DiLibero  
Joe Viscuso

*Management and Staff Present*

Robert A. Watts  
Jim Gorney  
Owen Esterly  
Gary Laird  
Nancy Fromnick  
Teresa A. Devine

*Solicitor*

Vincent M. Pompo, Esquire

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

The Chairman had no announcements.

- 3. Meeting Minutes:** Mr. Marroletti moved and Mr. Martin seconded that minutes of the October 24, 2013 *Work Session Meeting* and the October 31, 2013 *Regular Session Meeting* be approved. The vote was unanimous.

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

**A. Monthly Activity Report:** Mr. Watts said we were recently contacted by email that our webcam was down. We were able to get it back on line in a few days so they would not miss peak leaf viewing. We were recently contacted by a consultant working on updating the solid waste plan for Mifflin and Juniata Counties to see if we were interested in taking their waste for ten years. Mr. Watts informed the consultant that we were not interested in taking out of county waste and the Board confirmed this reply. Mr. Watts said the PADEP recently approved the demonstration program we had proposed to determine if bottom ash from Evergreen Community Power (ECP) in Reading was suitable as alternate daily cover. Mr. Watts said there is currently a maintenance shutdown and we have not been able to start the evaluation yet. The ECP shutdown is also why he does not have an update for section 4D tonight. Mr. Watts said he was contacted on November 14<sup>th</sup> by Caernarvon Township that there had been some complaints that some of the haul trucks from the quarry bringing structural fill for the MSE wall have been taking local roads rather than RT 322. Mr. Watts said he was aware of this and had talked to one independent hauler concerning this issue. Mr. Watts said we continue to inform our contractor with truck information if we witness a violator. If they get caught a second time they will be banned from Lanchester. This situation has been improving as more of the trucks hauling recently are the quarry trucks and not independents. Mr. Watts said he had also contacted Caernarvon Township the previous day informing them that our contractor wanted to work extended hours for the week to get back on schedule. There were no complaints received on the extended hours. Mr. Watts said he had a meeting with a consultant interested in helping prepare Chester County's Solid Waste Plan Update. Mr. Watts said he gave a tour of Lanchester Landfill to some of Granger Energy's Board of Directors. Mr. Watts said with the help of the Solicitor they put together a response to the recent Berks County Commonwealth court case involving recycling fees. Mr. Watts said he was acting as the President of the Professional Recyclers of Pennsylvania. This case could affect many Pennsylvania municipalities that have been charging recycling fee. Mr. Watts said on October 30<sup>th</sup> they had the second meeting of the Citizen's Advisory Committee that is working on adding meadows, succession growth and woody vegetation to a final capping demonstration permit. Mr. Watts said our Solicitor, our Chairman and himself met with one of the Chester County Commissioner's recently to give him an update on activities at CCSWA. Mr. Watts said there was a private investigator that stopped by on November 7<sup>th</sup>. The hauling company he was checking up on for the Delaware County Solid Waste Authority was suspected of taking Chester County Waste to their facility as Delaware County waste at a lower tipping fee. Mr. Watts said he had received a tip on this a few weeks earlier and with Ms. Fromnick's help he believes they have stopped this practice. Mr. Watts said he and Ms. Devine recently gave a tour to Franklin and Marshal College students. Mr. Watts said all the houses are currently rented and we have started the process of buying a home on Reservoir Road under the provisions of the Area D Property Value Protection Agreement.

**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. Solid Waste News:** Mr. Watts said there is an article in this section concerning the Lancaster County Frey Farm Landfill meeting some resistance over their proposed expansion. Mr. Watts said there was an article in this section concerning how CCSWA's reduction in donations due to restrictions with Act 73 has hurt the Honey Brook Library. Mr. Watts said while Kennett Square is not in the Lanchester service area he thought the Board might find it interesting that the Borough is considering doing their own waste hauling due to price increases from hauling bids. Mr. Watts said he is seeing more news articles like the one in this section on some municipalities setting up recycling and transfer stations to try to achieve zero waste. There were also articles concerning turning landfills into energy and recreation parks. We did receive some positive press from Ms. Nichols working with the Science Explorers to host a program here.

**D. Horizontal Grinder:**

**E. Granger 3<sup>rd</sup> Amendment To The Landfill:** Mr. Carosella moved and Mr. Martin seconded approving the new Amendment language as proposed by our Solicitor. The vote was unanimous.

**F. Potential Charter Change:** Mr. Carosella moved and Mr. Marroletti seconded the resolution in this section amending CCSWA's Charter add Section (G) broaden its mission to improve the regional environment, health, economy and community wellbeing. The vote was unanimous.

**G. Request For Donations:** This section contained copies of two recent request for donations from two local non-profits.

**H. Chester County Waste Destination 3<sup>rd</sup> Quarter 2013:** This section contains data from the PADEP's website for the third quarters of the last two years. Mr. Watts said while the tonnage is generally down for the 3<sup>rd</sup> quarter of 2013 it is mostly a result of reduced residual waste and C&D. He said the residual waste reduction he believes is due to the Coatesville auto shredder being down during the period and new construction being off.

**I. Property Acquisition:** The Board went into Executive Session at 6:10 pm and came out of Executive Session into Regular Session at 6:15 pm.

## 5. Operations/Site Development Report.

**A. Monthly Activity Report:** Mr. Watts said most items in this section this month were routine, we recorded 4.86 inches of rain for October. The landfill gas flow was in the 2,900 cfm range. We used 201,500 gallons of water for dust control for the month. We used 2,706 gallons of odor neutralizer for the month. Our old Cat 973 track loader was sold to SECCRA for \$75,000 which resulted in a small book loss. Wildlife enhancements and erosion and sedimentation improvements to the slopes of Pond 1 have been mostly completed. Mr. Watts said the PADEP inspection report from October 1st was included in this section and did not note any concerns. Mr. Watts said we did receive some Harrisburg Incinerator ash that was used as daily cover so our cost to cover waste was low this month.

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

**A. Monthly Activity Report:** The Monthly Engineer's Report for November 2013 was presented to the Board. The following items were discussed.

- The final payment application from Kinsley Construction for work on the Area E, Stage 1B project was received during the period in the amount of \$315,081. The final payment application was reviewed and found acceptable. ARM reports that the target date for completing the Final Certification Report is December 6, 2013.
- Construction work on Area E, Stage 2 and Cell D3 Alternative Cover remained in progress during this period. The Board was referred to the Monthly Progress Report dated November 14, 2013 for details.
- On November 8, 2013, Severson submitted draft documents concerning their intent to request payment for geomembrane liner materials suitably stored off-site. Payment for materials suitably stored off-site is allowed under the terms of the contract provided that the Authority's interests are protected. The cost of the materials is about \$350,000. The materials are to be delivered in March 2014. This proposal remains subject the receipt of proper documentation and additional review. The Board directed that the contractor furnish a Builder's Risk Insurance Rider for the stored materials.
- On Thursday, November 14, 2013 Severson submitted the required payroll certifications.
- During this period, Ludgate performed about one day of construction quality assurance surveying on the Area E construction contract. A contour drawing was prepared and furnished to the CQA Consultant, the ARM Group. Ludgate also assisted with drainage area calculations serving Ponds 6, 10, and 11. Stake out survey of the edge of liner signs is still pending.
- It was noted that ARM's fee for Construction Phase Engineering Services during the period was \$ 7,678. The cumulative total for this task is now \$61,380. The staff will continue to monitor this task.
- On October 29, 2013 a conference call meeting was held with SHA concerning the availability of additional data modules and reporting options. The use of ATZ liquid level monitoring equipment was also discussed.

- The remainder of the report was presented to the Board for review at their own convenience.

**B. ARM Group – Monthly Status Report:** A copy of the Monthly Status Report from the ARM Group dated November 14, 2013 was presented to the Board for review. During this period most of ARM’s efforts were devoted to the inspection and CQA tasks.

**C. Area E, Stage 2 & Alternative Cover – Construction Status:** The Monthly Construction Progress Report dated November 14, 2013 concerning Area E, Stage 2 and the Alternative Cover System was presented to the Board. The work completed by the contractor for the period was listed in the report. Several photographs showing construction progress were attached to the report. Geomembrane installation for the Closure Turf™ is about 80% complete. Construction of the MSE wall remained in progress.

**D. SCS Engineers – Monthly Status Report:** The Progress Report from SCS Engineers dated November 14, 2013 was presented to the Board. The services performed during the period were listed in the report. A preliminary bid schedule for the next LFG collection system expansion was presented in the report. We hope to receive bids for construction during January 2014.

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

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

**OCTOBER HIGHLIGHTS:**

- October 2013 landfill leachate 627,342 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	189,740 gallons
Area B	125,306 gallons
Area D	279,934 gallons
Granger gas condensate	16,181 gallons

- October 2012 landfill leachate 577,291 gallons
- October 2012 Rainfall 5.12”
- October 2013 Rainfall 4.82”

**LEACHATE STORAGE UPDATE:** (As of November 15, 2013)

T-101 Leachate Storage Tank	- 222,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 202,500 gallons	capacity – 850,000 gallons
<u>T-100 Equalization Tank</u>	- <u>24,000 gallons</u>	<u>capacity – 110,000 gallons</u>
Total Leachate STORAGE	- 449,000 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 24 %

**LEACHATE STORAGE BALANCE**

October 1 <sup>st</sup> 2013 leachate in storage	540,000
October 2013 landfill leachate	<u>+627,342</u>
<b>Total</b>	<b>1,167,342</b>
October 2013 leachate hauled	<u>- 690,000</u>
<b>Total</b>	<b>477,342</b>
October 2013 treated leachate	<u>- 21,640</u>
<b>Total</b>	<b>455,702</b>
October 2013 ending leachate storage	<u>445,000</u>
Difference	10,702

**LEACHATE HAULING**

Hauling of leachate to Exeter WWTP continued through the month of October 2013. A total of 690,000 gallons were hauled off site for treatment.

**LEACHATE COLLECTION SYSTEM:**

Currently the Leachate collection system is 100% operational. Monthly maintenance is being performed, cleaning strainers and impellers on pumps and paddle wheels on flow meters. We are noticing faster sludge build up around the pumps in both the slope risers and wet wells. This is most likely due to recirculation.

**RECIRCULATION SYSTEM**

- 56,000 gallons was recirculated into the recirculation blankets during the month of October 2013. This number is low due to a seep.

**Recirculation to date: 10/31/2013**

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>
A	This trench has reached capacity	
B	This trench has reached capacity	
C	This trench has reached capacity	
D	This trench has reached capacity	
E	1,793,912	2,631,930
F	3,130,621	3,682,875
G	3,263,425	5,066,750
H	<u>1,366,965</u>	<u>5,687,500</u>
<b>Total</b>	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	389,440	1,250,000
2	403,332	1,250,000
3	378,599	1,250,000
4	<u>383,734</u>	<u>1,250,000</u>
<b>Total</b>	<b>1,544,600 (gal)</b>	<b>5,000,000 (gal)</b>

### **LEACHATE TREATMENT PLANT (UFRO SYSTEM)**

The UFRO was shut down on 9/15/2013 due to the failure of the Booster pump. The pump was unable to be repaired and a new one was ordered. There was a four (4) week delivery for this pump. The pump was received 10/17/2013 and was installed. The plant processed 21,640 gallons during October due to this issue.

### **GROUND WATER INFLOW/STORAGE UPDATE: 11/15/2013**

- Ground Water Storage Pond – 585,000 gallons 73 % of capacity
- The Ground Water Storage Pond Outfall 101 maintained a manageable level during October 2013 no discharge to Outfall 001.
- Total Ground Water received for October 2013 – 97,914 gallons.
- Contractors use water from the groundwater storage pond during the month of October for onsite dust control.

### **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 October 2011 has reported full compliance with the 2009 NPDES Permit. All Monitored Parameters were below required discharge limits. 145,900 gallons from the effluent equalization tank (Outfall 100) of treated permeate and 0 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 145,900 gallons was discharged to the Conestoga River (Outfall 001) during October 2013.

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

**A. Monthly Activity Report:** Ms. Devine mentioned that the 4th quarter ground water monitoring had been completed the week of Nov. 4<sup>th</sup> – 8<sup>th</sup>. She also reported one radiation alarm in the past month. The isotope was I-131 and the load was landfilled.

Ms. Devine also reported that the Title V renewal permit application remains under technical review by the PADEP. One of the engineers reviewing the application submitted an email with some questions regarding on-site emergency generators and heaters/boilers that may now fall under new regulations.

Ms. Devine reported that there were no neighbor complaints received in the past month.

Ms. Devine then reported that she had a phone conversation with Kevin Beer at DEP regarding what procedures would be required in order to get the IU site leachate delisted. Mr. Beer forwarded some information to help get us started. Ms. Devine also reported that she spoke with Neil Peters of ARM to enlist his assistance in running the DRAS model required for the delisting procedure.

Ms. Devine mentioned that on October 30<sup>th</sup> she took Sharon Krock, Caernarvon Township HMI around the site for an inspection. Sharon had no issues as a result of her inspection.

Ms. Devine also reported that the IU sumps were pumped and the leachate hauled off-site on November 7<sup>th</sup>.

Ms. Devine also reported that on November 8<sup>th</sup> she submitted an application for a request for extension of the Area E Air Plan approval. The current plan approval expires December 31, 2013 and since the Area E landfill expansion is not yet constructed and operational, an extension is required.

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

**A. Monthly Activity Report:** Ms. Fromnick provided a list of meetings and events attended during the past month: Of particular note was a meeting for municipal officials. The East Pikeland township manager and public works director gave presentations describing their comprehensive recycling program and the Uwchlan Township recycling coordinator spoke about the use of *free* interns to help with recycling and office duties. The DEP regional recycling coordinator and Ms. Fromnick also made presentations. The meeting was well received by attendees. Ms. Fromnick conducted a waste reduction/recycling presentation at the Kendal facility. She is invited back as they are interested in setting up a residential composting program. On November 8 the Chamber subcommittee toured the DePuy Synthes facility, the 2013 Green Business Award Winner.

**B. Correspondence: In** – From the list provided it was noted that the 2013 spring HHW reimbursement check of \$32,005.97 was received and divided between the County at \$28,446.55 and the CCSWA at \$3,559.42. Final host site approvals for the 2014 HHW events were received.

**Out** – A list of items was provided: Ms. Fromnick commented that the Act 101 Section 902 disbursement grant application for the County's box truck and collection containers was submitted.

**C. Projects:** Ms. Fromnick provided a list of projects.

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

**A. October 2013 Monthly Tonnage Report:** Mr. Gorney presented the Tonnage Report for October 2013, indicating that the tonnage of 26,403.82 was 0.5% over budget and was higher than October 2012 by 1.9%.

**B. October 2013 Accounts Receivable:** Mr. Gorney stated that receivables day sales outstanding decreased from 38.14 days in September 2013 to 34.14 days in October 2013. Mr. Gorney stated that the increase was due to payments of older balances by Waste Management and Advanced Disposal.



**C. October 2013 Financial Statement:** Mr. Gorney presented the Financials for October 2013 stating that we had a gain of \$460,090 for the month. Retained Earnings are at \$56,402,833. The funds invested totaled \$45,205,872.05 at month end. The interest earned in October 2013 was at a rate of 0.13% equal to 0.13% in September 2013. Mr. Knipe made a motion to accept the October 2013 Financials as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

**D. October 2013 Vendor Check Register Report:** The Vendor Check Register was presented to the Board. The checks for October 2013 totaled \$2,080,909.19. Mr. Martin made a motion to accept the Check Register Report as presented; Mr. Knipe seconded the motion. The motion was carried by a unanimous vote.

**E. Large Dollar Check Approvals:** Mr. Gorney presented the September 2013 Large Dollar invoices totaling \$1,667,514.79, consisting of the attached schedule 10E. Mr. Carosella 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. Long Range Plan Revised 11-19-2013:** Mr. Gorney presented the Long Range Plan for Board review. The Board asked for the property purchase expenditures to be highlighted as a separate line item. The plan still indicates the Area E construction can be financed with internally generated funds. A revision will be issued and forwarded to all Board Members.

**G. Resolution To Transfer From Area E Construction Fund To Revenue:** The resolution for the funds transfer to cover the construction expenditures of Phase 2 Area E in the amount of \$1,715,348 was presented to the Board. Mr. Knipe made a motion to approve the Resolution as presented; Mr. Carosella seconded the resolution. The motion was carried by a unanimous vote.

The meeting was adjourned at 7:08.

Prepared by,  
Peggy A. Cunius