

**CHESTER COUNTY SOLID WASTE AUTHORITY**

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

***August 21, 2014***

- 1. Call to Order:** Bob Schoenberger, Chairman, called the August 21, 2014 Combined *Work Session & Regular Meeting* of the Chester County Solid Waste Authority to order at 5:30 p.m.

*Authority Members Present*

Bob Schoenberger  
Ramsey G. DiLibero  
Vince Carosella  
Peter Marroletti  
Peter Knipe  
E. Joel Martin

*Authority Members Absent*

Kim Venzie

*Management and Staff Present*

Robert A. Watts  
Gary Laird  
Mike Magrann  
Owen Esterly

*Solicitor*

Vincent M. Pompo, Esquire

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

The Chairman had no announcements.

- 3. Meeting Minutes:** Mr. DiLibero moved and Mr. Carosella seconded approving the minutes of the July 24, 2014 *Combined Session Meeting*. The vote was unanimous.

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

**A. Monthly Activity Report:** Mr. Watts said he attended Professional Recyclers of Pennsylvania's Annual Conference recently and is still serving as their Interim Executive Director. Mr. Watts said he recently met with the former owner of a property we purchased that has an observatory and telescope. He met with him to discuss moving the observatory and telescope to the top of the closed landfill in about two years. Mr. Watts said he had attended a meeting with the Pennsylvania Department of Environmental Protection and they are adding a new policy on settlement accommodation. This would allow an engineered steeping of outside slopes that would settle to the permitted grades within five years. Mr. Watts said we will apply for a minor permit modification for the active area of the landfill to meet the guidelines of the new settlement accommodation policy. Mr. Watts said he is moving forward with the deconstruction of the house on 79 Lanchester Road in Honey Brook. Mr. Watts said he checked with the Honey Brook Historical Society and they said the house had no significant historical value. Mr. Watts said 591 Friendship Drive was under contract with CCSWA providing incentives to the current owner to sell to a third party. Mr. Watts said the Lancaster County records indicate the property at 6147 Wertztown Road in Salisbury Township sold for significantly more than the "fair market value" established by our appraisal. We recently sold a bulldozer and a truck at auction that brought more than the salvage value on our books for this equipment.

**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 were a few articles in this section on both sides of the issue of utilizing one container for waste and recycling at curbside. There was an article in this section concerning the USDA supporting an additional 11,000 anaerobic digesters in the US.

**D. Correspondence:** Mr. Watts said this section contained a copy of a July 30, 2014 letter he sent to the President of Severson Environmental Services to suggest a resolution to outstanding Milestone #1 issues. Mr. Watts said there has been no response to his letter.

**E. PADEP 2<sup>nd</sup> Quarter 2014 Disposal Information:** This section included PADEP data from the 2<sup>nd</sup> quarters of 2013 and 2014. Mr. Watts said the only difference between the years was about 3,000 additional tons of C&D waste generated in 2014 during these periods.

**5. Operations/Site Development Report.**

**A. Monthly Activity Report:** Mr. Watts said we recorded 6.51” of rain in July. The landfill gas flows had been around 2,800 cfm. We did use 381,550 gallons of water for dust control last month. Odors have been minimal during this period – we used 2,560 gallons of odor neutralizer last month. In this section are the inspection reports from PADEP and Vision Engineering for Caernarvon Township. Both inspection reports had no violations or concerns. Mr. Watts said our wood processor removed almost 400 tons of wood for the month. Mr. Watts said included in this section were graphs of cost of daily cover, contracted labor, fuel usage and average overtime hours by month per operation’s employee.

**6. Facility Engineer’s Report. (ORE)**

**A. Monthly Activity Report:** The Monthly Engineer’s Report for August 2014 was presented to the Board.

**B. Area E, Stage 2 – Monthly Status Report:** ARM’s Monthly Construction Progress Report dated August 14, 2014 concerning Area E, Stage 2 was presented to the Board. Mr. Daniel Fellon, P.E. of the ARM Group reviewed the memorandum with the Board. Construction photographs showing construction progress were included. During the period, progress on the sub-base layer and secondary liner system proceeded quickly and efficiently under the direction of Severson’s Superintendent, Dan Dragonette. Unfortunately, Mr. Dragonette was reassigned effective August 20, 2014.

**C. Area E, Stage 2 – Benchmark Graph:** The Area E, Stage 2 benchmark graph was presented to the Board. The graph indicates that the ARM Group has expended approximately 102% of the authorized CQA budget. Approximately 93% of the contract time has also been expended. Lacking a change order for a contract time extension, the contract date for substantial completion remains September 3, 2014. The consequences concerning a contract delay on the Milestone 2 work were discussed. At this time it appears that Cell E1 will become available for its intended purpose before the remaining landfill capacity in Areas C and D become depleted. The timing and potential assessment of liquidated damages was also discussed. The Board instructed that the amount of liquidated damages be accrued on September 3, 2014, but not deducted from monies due to the contractor.

**D. ARM Group – Monthly Status Report:** ARM’s Monthly Status Report dated August 14, 2014 was presented to the Board. The Report listed ARM’s invoicing for July 2014. Engineering fees that are considered recoverable due to contractor delay and non-conforming work are also listed in the Report.

**E. ARM Group – Budget Amendment Request:** ARM’s budget amendment proposal dated August 14, 2014 was presented to the Board. Mr. Daniel Fellon, P.E. of the ARM Group reviewed the proposal with the Board and responded questions. Approval of the budget amendment proposal in the amount of \$240,000 was recommended. A motion to approve the proposal was made by Mr. DiLibero with a second by Mr. Carosella. The motion passed.

**F. SCS Engineers – Monthly Status Report:** SCS’s Monthly Progress Report for August was presented to the Board. During this period SCS provided the Authority with construction phase engineering and construction observation services on the 2014 LFG Collection and Leachate Collection System Expansions. The Report included a list of the available facts concerning the installation of Piezometer 2 in excess of specified depths. Fortunately, statements from the contractor and driller indicate that no physical evidence of liner system damage was observed during the drilling or clean-up of the spoils. A copy of the projected construction quantities was attached to the Report.

**G. LFG System Expansion – Nonconforming Work Notice:** A copy of the Non-conforming Work Notice issued to American Environmental Group (AEG) due to excessive drilling of the piezometer was presented to the Board. AEG will prepare a response to the incident following discussions with PADEP.

**H. PADEP – Notification Regarding Piezometer Depth:** A copy of the email dated August 14, 2014 to PADEP concerning piezometer incident was presented to the Board. In response to PADEP’s concerns, the ARM Group was asked to estimate the amount of potential settlement on the Cell D1 liner system. The estimate determined that it is plausible that the Area D waste thickness (including cover) is as thick as or thicker than the piezometer. A copy of the determination was sent to PADEP.

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

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

**JULY HIGHLIGHTS:**

- July 2014 landfill leachate 914,948 gallons (includes gas condensate)

Leachate by area breakdown:

Area C 167,252 gallons

Area B 365,441 gallons

Area D 382,255 gallons

Granger Energy Condensate 15,595 gallons

- July 2013 landfill leachate 731,600 gallons
- July 2013 Rainfall 6.70”
- July 2014 Rainfall 6.50” (12 days of measurable rainfall)

**LEACHATE STORAGE UPDATE:** (As of August 1, 2014)

T-101 Leachate Storage Tank	-227,500 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	-127,500 gallons	capacity – 850,000 gallons
T-100 Equalization Tank	-100,000 gallons	capacity – 110,000 gallons
<b>Total Leachate Storage</b>	<b>-545,000 gallons</b>	<b>capacity –1,810,000 gallons</b>

Total percent of storage utilized - 29 %

**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.
- Data including leachate levels, pumping rates, and flow totalizer numbers are collected Daily Monday through Friday.
- Bi-annual Preventative Maintenance is performed by Lee Supply Company Field Technician. All pumps are pulled, cleaned and reinstalled. Readings are taken such as volts and amperage under load. A report of findings is supplied.

**RECIRCULATION SYSTEM**

- 192,540 gallons was recirculated into the recirculation blankets during the month of July 2014.

**Recirculation to date: 8/1/2014**

<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
<b>Total</b>	<b>14,283,692 (gal)</b>	<b>21,681,836 (gal)</b>

Remaining Trench Capacity – 7,472,834 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	303,625	1,250,000
2	314,270	1,250,000
3	309,610	1,250,000
4	325,933	1,250,000
<b>Total</b>	<b>1,253,438 (gal)</b>	<b>5,000,000 (gal)</b>

**LEACHATE TREATMENT PLANT (UFRO SYSTEM)**

The UFRO ran 25 days during July. The plant processed 59,630 gallons during this month. This was an average of 2,385gpd.

**GROUND WATER INFLOW/STORAGE UPDATE: 8/14/2014**

- Ground Water Storage Pond – 523,000 gallons 65 % of capacity.
- The Ground Water Storage Pond Outfall 101 maintained a manageable level during July 2014 with no discharge 0 gallons. Contractors as well as CCSWA staff continue to use water from this source for dust control.
- Total Ground Water received for July 2014 – 142,577 gallons.

**NPDES PERMIT COMPLIANCE:**

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated November 27, 2009 – The NPDES DMR Outfall 001, 100 and Outfall 101 for July 2014 has reported full compliance with the 2009 NPDES Permit. All Monitored Parameters were below required discharge limits. 90,200 gallons from the effluent equalization tank (Outfall 100) of treated permeate and 0gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 90,200 gallons was discharged to the Conestoga River (Outfall 001) during July 2014.

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

**A. Monthly Activity Report:** Mr. Watts said there were two radiation alarms since the last meeting and they were both medical waste I-131 and were landfilled. Ms. Devine outlined in the Flare Operation section of her report the dates and reasons when a flare was operational. We also had our annual air quality inspection as required by our Title V permit. The only issue noted was they wanted us to install an hour meter on the emergency generator at the office. A copy of the hand written report is in this section along with the hand written copy of the August solid waste inspection.

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

**A. Monthly Activity Report:** Mr. Watts said he or Ms. Fromnick would be glad to answer any question on the report.

**10. Business Manager’s Report. (MPM)**

**A. July 2014 Monthly Tonnage Report:** Mr. Magrann presented the Tonnage Report for July 2014 of 27,345.44 tons which was 7.1% over budget for the month and was 1.0% lower than the July 2013 tonnage received. Mr. Magrann stated that the July 2014 Y-T-D tonnage received was 1.0% higher than the July 2014 Y-T-D budgeted tonnage and 0.2% higher than the July 2013 Y-T-D actual tonnage.

**B. July 2014 Accounts Receivable:** Mr. Magrann stated that receivable days outstanding decreased from 36.11 days in June 2014 to 35.33 days in July 2014. In addition, Rental Property Collections were less than Expected Net Rentals Due by \$11,587 in July 2014. It was noted that the new property manager, Stout Associates began July 1, 2014.

**C. July 2014 Financial Statement:** Mr. Magrann presented the Financials for July 2014 stating that Net Income was \$548,101 for the month, which was 9.4% above the budgeted amount for the month. Retained Earnings at the end of July 2014 were at \$61,012,097. The funds invested totaled \$41,539,890 at month end. Mr. DiLibero made a motion to accept the Financial Statements as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

**D. July 2014 Vendor Check Register Report:** The Vendor Check Register for July 2014 was presented to the Board. The checks totaled \$2,323,121.80. Mr. DiLibero made a motion to accept the Check Register as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

**E. Large Dollar Check Approvals:** Mr. Magrann presented the August 2014 Large Dollar Invoices (from July 25, 2014 to August 21, 2014) totaling \$2,136,052.35. Mr. DiLibero made a motion to accept the Large Dollar Invoices as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

**F. Request For Bond Purchase:** Mr. Magrann presented a request to approve a DEP Collateral Bond Replacement in the amount of \$8,104,000. Mr. Carosella made a motion to accept the DEP Collateral Bond Replacement as presented; Mr. Martin seconded the motion. The motion was carried by a unanimous vote.

**G. Snapshot Of Proposed revised Board Financial Presentation:** Mr. Magrann presented a series of schedules to replace the current Financial Reports indexed 10A thru 10C. It was agreed that the Board would review the format of the Reports, and suggested changes (if any) would be made during the next Board Meeting. It was planned to begin using these new schedules (with any agreed upon changes) during the September 2014 Board Meeting.

The meeting was adjourned at 7:42.

Prepared by,  
Peggy A. Cunius