

# CHESTER COUNTY SOLID WASTE AUTHORITY

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

*May 22, 2014*

- 1. Call to Order:** Bob Schoenberger, Chairman, called the May 22, 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  
Peter Marroletti  
Peter Knipe  
Ramsey G. DiLibero  
E. Joel Martin

*Authority Members Absent*

Vince Carosella  
Kim Venzie

*Management and Staff Present*

Robert A. Watts  
Gary Laird  
Terry Devine  
Mike Magrann

*Solicitor*

Vincent M. Pompo, Esquire

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

The Chairman said this would be the only meeting in May.

- 3. Meeting Minutes:** Mr. Knipe moved and Mr. Marroletti seconded approving the minutes of the April 17, 2014 *Combined Session Meeting*. The vote was unanimous.

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

**A. Monthly Activity Report:** Mr. Watts said the first thing he wanted to highlight was he wrote a letter to Mazza Demolition and Recycling to try and obtain recycled asphalt for the landfill roads at a low cost. Mr. Watts said he and the Chairman have had numerous meetings this month with two different groups that have an interest of working with CCSWA in utilizing a conversion technology and reducing landfilling. Mr. Watts said we are still in the preliminary talks with these groups. Mr. Watts said the Executive Director of Professional Recyclers of Pennsylvania (PROP) resigned this month. Mr. Watts is the Past President of this organization and recently was appointed their Interim Executive Director. Mr. Watts said PROP is hoping to have a new Director by mid-September. Mr. Watts said he and the Chairman also attended L&S Sweetener's Open House. They use our landfill gas and have recently added two engines that are producing 3.2MW of electrical power and recovering the heat to reduce costs of their operation. Mr. Watts said there was a meeting of Chester County's Implementation Committee Meeting where the main item on the agenda was the development of a RFP to update the County's ten year municipal waste plan. Mr. Watts said he is the main author of the RFP it will be advertised next month.

**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 the first article in this section was concerning CCSWA's newest Board Member. Kim Venzie was recently appointed to complete Joe Viscuso's term by the Chester County Commissioners. Mr. Watts, Schoenberger and Pompo met with Ms. Venzie recently and said they look forward to working with her starting next month. There were two articles in this section concerning gasification and anaerobic digestion projects in Great Britain. The conversion project in Allentown recently received two PADEP permits and continues to move forward. The USEPA recently released a report on the state of waste disposal for 2012. They said the amount of waste was up slightly and recycling down slightly.

**D. Correspondence:** Mr. Watts said this section contained a copy of a letter from the Lancaster County Conservancy highlighting their accomplishments in 2013.

**E. Wood Recycling Update:** Mr. Watts said our new vendor is scheduled to start taking over wood processing next week. There is a spreadsheet in this section outlining the financial benefits of this new contract. They are no longer asking us to accept C&D fines from a recycling operation as part of the deal.

**F. Chester County Waste Destinations 1<sup>st</sup> Quarter 2014:** Mr. Watts said the total quantity of waste that was generated in 2014 from Chester County was almost identical as 2013. The quantity of waste disposed at Lanchester was down slightly, but there was very little change from the same period in 2013 for all the facilities reporting to the PADEP.

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

**A. Monthly Activity Report:** Mr. Watts said this was a fairly routine month. We recorded 6.20” of rain. The landfill gas flows had been around 2,800 cfm. Our current wood processor is on site and should be finished tomorrow. We did use 214,820 gallons of water for dust control last month. Odors have been minimal during this period – we used 275 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 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:** Mr. Watts said Mr. Esterly was on vacation so he would give his report and would discuss items in this section with the help of Dan Fellon, P.E. the Project Manager for our current construction projects from the ARM Group.

**B. Alternative Final Cover – Substantial Completion:** There is a dispute between our Engineer and Severson Environmental Services, Inc. (SES) on the date of substantial completion of this project (Milestone 1 of this contract). SES asserts that they were substantially complete November 27, 2013 and our Engineer points out that many of the components were not installed at that time and they had only billed for 70% of the total value of the project. SES is clearly trying to avoid the \$10,000 a day in liquidated damages. It was agreed that we will pay SES for work completed, but to continue to assert the date of Substantial Completion was April 18, 2014. We anticipate additional liquidated damages will be assessed before Milestone 2 of the project is completed, hence we will not assert our claim at this time.

**C. Area E, Stage 2 – Monthly Status Report:** Mr. Fellon confirmed that there continues to be problems on both parts of this project. As this report indicates the ARM Group has issued nine nonconforming work notices (NWN). Mr. Fellon said that with previous contractors they did not issue any NWN). SES continues to work in fixing nonconforming work, but they continue to require close oversight, time extensions and corrective actions.

**D. Area E, Stage 2 – Contract Time Extension Request:** SES has asked for three additional weeks to be added to the contract time due to severe winter weather. This item is still under review.

**E. ARM Group – Monthly Status Report:** Mr. Watts said their report contains information on some additional projects. They are working with us on delisting the IU leachate as hazardous waste.

**F. 2014 LFG Collection System – Unchecked Bid Results:** Mr. Marroletti moved and Mr. Martin seconded rejecting the bid by Advance One Development LLC as not being responsive as outlined in today’s memorandum from Mr. Pompo to Mr. Esterly. The vote was unanimous. Mr. Martin moved and Mr. Marroletti seconded awarding the 2014 LFG Collection System Expansion to American Environmental Group, LTP for being the lowest responsible bidder as outlined in Mr. Pompo’s memorandum and a letter today from Ms. Wilkinson to Mr. Esterly on the same project. The vote was unanimous.

**G. 2014 LFG Collection System – Construction Phase Engineering Proposal:** Mr. Marroletti moved and Mr. Martin seconded accepting SCS Engineers proposal for \$24,500 to complete Field Oversight and administration of the 2014 LFG Collection System Project. The vote was unanimous.

**H. SCS Engineers – Monthly Status Report:** Their report outlined the expected schedule for the 2014 LFG Collection System construction. They also said they were over budget on the design phase of the project due to delays created by SES on the Closure Turf™ project.

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

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

**APRIL HIGHLIGHTS:**

- April 2014 landfill leachate 992,456 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	201,705 gallons
Area B	208,165 gallons
Area D	548,994 gallons
Uncapped municipal site	25,200 gallons (calculated)
Granger gas condensate	8,392 gallons

- April 2013 landfill leachate 296,834 gallons
- April 2013 Rainfall 2.55”
- April 2014 Rainfall 6.17”

**LEACHATE STORAGE UPDATE: (As of May 16, 2014)**

T-101 Leachate Storage Tank	-197,500 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	-187,500 gallons	capacity – 850,000 gallons
T-100 Equalization Tank	-110,000 gallons	capacity – 110,000 gallons
<b>Total Leachate Storage</b>	<b>- 495,000 gallons</b>	<b>capacity –1,810,000 gallons</b>

Total percent of storage utilized - 27 %

**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**

- 157,791 gallons was recirculated into the recirculation blankets during the month of April 2014.

**Recirculation to date: 5/1/2014**

<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	168,415	1,250,000
2	172,140	1,250,000
3	175,210	1,250,000
4	178,326	1,250,000
<b>Total</b>	<b>536,300 (gal)</b>	<b>5,000,000 (gal)</b>

**LEACHATE TREATMENT PLANT (UFRO SYSTEM)**

The UFRO ran 21 days during April. The plant processed 53,210 gallons during this month. This was an average of 2,534gpd.

### **LEACHATE HAULING to off-site POTW**

A total of 890,000 gallons were hauled off site for disposal during the month of April 2014.

### **GROUND WATER INFLOW/STORAGE UPDATE: 5/18/2014**

- Ground Water Storage Pond – 695,000 gallons 87 % of capacity.
- The Ground Water Storage Pond Outfall 101 maintained a manageable level during April 2014 with a discharge of 231,600 gallons.
- Total Ground Water received for April 2014 – 313,370 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 April 2014 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 231,600 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 231,600 gallons was discharged to the Conestoga River (Outfall 001) during April 2014.

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

**A. Monthly Activity Report:** Ms. Devine reported that the first quarter ground water monitoring had been completed and the results for the onsite wells and the contiguous property owner wells were submitted to DEP.

Ms. Devine reported that there were two radiation alarms in the past month. One load originated at the Waste Management Norristown transfer station, the isotope was confirmed as I-131 and the load was landfilled. The second load was WWTP sludge from North Coventry Municipal Authority. The isotope was also identified as I-131 and the load was landfilled.

Ms. Devine reported that storm water samples were collected on Friday May 16<sup>th</sup>.

Ms. Devine also reported that the Title V Permit renewal was received on April 30, 2014.

Ms. Devine reported there were no complaints received since the last meeting.

Ms. Devine also reported the flare was operated for 14.5 hours since the last meeting and the utility flare was operated for 1.5 hours.

The Board was informed that additional information regarding leachate generation rates were submitted to DEP as they continue to review the information submitted regarding delisting the IU site leachate.

Ms. Devine stated that she attempted to contact Rick Chapman at DEP regarding the status of the asbestos distribution monitoring waiver application she submitted but had not heard back from him. Ms. Devine will continue to try to contact him.

Ms. Devine reported that there were numerous school groups on site for tours in the past month. Ms. Devine also noted that inspectors from PA Department of Ag, DEP and Caernarvon Township HMI were all on site in the past month for inspections. There were no deficiencies noted.

Ms. Devine also reported that she started work on the Annual Operations report that is due to DEP by June 30<sup>th</sup> each year.

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

**A. Monthly Activity Report:** Mr. Watts said Ms. Fromnick was on vacation and he would give her report. Mr. Watts said he would let the Board read the report when they had time, but wanted to point out that Section 11 of her report listed recycling performance grants that were recently given to some Chester County municipalities.

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

**A. April 2014 Monthly Tonnage Report:** Mr. Magrann presented the Tonnage Report for April 2014, indicating that the tonnage of 27,086.45 was 5.9% over budget and was higher than April 2013 tonnage received by 3.4%. Mr. Magrann stated that the April 2014 Y-T-D tonnage received was 1.4% lower than the April 2014 Y-T-D budgeted tonnage and 2.1% lower than the April 2013 Y-T-D actual tonnage.

**B. April 2014 Accounts Receivable:** Mr. Magrann stated that receivable days outstanding increased from 30.85 days in March 2014 to 31.57 days in April 2014. In addition, Rental Property Collections exceeded Expected Net Rentals Due by \$2,853 in April 2014 and \$6,603 in March 2014.

**C. April 2014 Financial Statement:** Mr. Magrann presented the Financials for April 2014 stating that Net Income was \$537,539 for the month, which was 2.7% above the budgeted amount for the month. Retained Earnings at the end of April 2014 were at \$59,205,000. The funds invested totaled \$41,106,194.44 at month end. The interest earned in April 2014 was at a rate of 0.21% compared to 0.14% in March 2014. Mr. Martin made a motion to accept the Financial Statements as presented; Mr. Knipe seconded the motion. The motion was carried by a unanimous vote.

**D. April 2014 Vendor Check Register Report:** The Vendor Check Register for April 2014 was presented to the Board. The checks totaled \$2,211,481.84. Mr. DiLibero made a motion to accept the Check Register as presented; Mr. Knipe seconded the motion. The motion was carried by a unanimous vote.

**E. Large Dollar Check Approvals:** Mr. Magrann presented the May 2014 Large Dollar Invoices (thru May 22, 2014) totaling \$1,668,359.42 per the attached schedule 10 E. Mr. Marroletti made a motion to accept the Large Dollar Invoices as presented; Mr. Martin seconded the motion. The motion was carried by a unanimous vote, with the understanding that the Severson check in the amount of \$1,452,016.96 would not be released until the current issues with the Severson Contract are reviewed by Vince Pompo, Esq. (Solicitor) and he determines if the release of the funds is appropriate and / or a statement of position letter is sent.

**F. Request For Bond Purchase:** Mr. Magrann presented a request to approve two DEP Collateral Bond Replacements in the amounts of \$587,000 and \$2,995,000. Mr. Marroletti made a motion to accept the DEP Collateral Bond Replacements as presented; Mr. Knipe seconded the motion. The motion was carried by a unanimous vote.

**G. Request For Insurance Policy Purchase:** Mr. Magrann presented a request to approve the renewal of the Landfill's General Liability Insurance Policy for an annual premium of \$33,764 from Surance. In addition, a new General Liability Policy on the Rental Properties for an annual premium of approximately \$3,067 from Surance was presented. Mr. Martin made a motion to accept the renewal of the Landfill General Liability policy and the purchase of the General Liability policy on the Rental Properties as presented; Mr. Marroletti seconded the motion. The motion was carried by a unanimous vote.

**H. Dun & Bradstreet Report On Severson:** As a follow-up from last month's Board Meeting, for informational purposes a D & B on Severson was provided.

**I. Severson Payment Issues Snapshot:** Mr. Magrann presented an informational snapshot review on the current status of payments made / potential damages which could be assessed under the Severson Contract

**J. Preliminary Review Of Water Connection Project:** Mr. Magrann presented a very preliminary review of the feasibility of connecting residences adjacent to the landfill to public water, to avoid required future quarterly testing of the current wells. It was agreed that additional review of the ability to require houses to connect to public water, as well as obtaining a quote from Ludgate Engineering of calculating the cost of the connection project. This information will be obtained, and presented to the Board for future consideration.

**Follow-up Item:** Mr. Magrann to break-out Severson payments by Milestones per billing period.

The meeting was adjourned at 8:12 p.m. into Executive Session to discuss a possible property purchase and returned to Regular Session at 8:21 p.m., and adjourned for the evening.

Prepared by, Peggy A. Cunius