

CHESTER COUNTY SOLID WASTE AUTHORITY

Work Session — Lanchester

February 19, 2015

1. **Call to Order:** Bob Schoenberger, Chairman, called the February 19, 2015 *Work Session* Meeting of the Chester County Solid Waste Authority to order at 5:30 p.m.

Authority Members Present

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

Authority Members Absent

Peter Knipe

Management and Staff Present

Robert A. Watts
Gary Laird
Mike Magrann
Owen Esterly
Terry Devine
Nancy Fromnick

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman said a 17 year Board Member and a 14 year Chairman – Milt Allen recently passed away. Mr. Schoenberger moved and Mr. Marroletti seconded donating \$2,000 to the Coatesville Library in his name. The vote was unanimous.

3. **Meeting Minutes.** Mr. Schoenberger said the minutes will be acted on at next week's meeting.
4. **Executive Director's Report.**

A. Monthly Activity Report: Mr. Watts said he had returned the form signing up the Lanchester Landfill to take waste and recyclables collected during any 2015 Pick it Up PA Days event. Mr. Watts said he and some staff had attended a landfill gas data tracking software program demonstration by SCS Engineers. We are currently using a competitor's product and wanted to make a comparison. Mr. Watts said he met twice recently with the firm that would like to site a gasification processing plant in Chester County. Mr. Watts said 1045 Elwood St. was listed for sale for \$175,000 recently and is covered by the Area E Property Value Guarantee 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 the first article in this section was a Reader Profile of Mr. Watts from the March edition of *MSW Management* magazine. There was an article in this section on Lancaster Authority's application to expand the Frey Farm Landfill. Mars Chocolate says their operations are landfill free.

D. Correspondence: Mr. Watts said this section contained a copy of thank you letters from the Brandywine Valley Association, Caernarvon Fire Co., Caernarvon Historical Society, PADEP and the Lancaster County Conservancy.

E. Groundwater & Stormwater Memo: The first item in this section was a List of Observations Concerning Mercury in Golder Associates annual reports compiled by Mr. Esterly. The compilation shows that Golder never expressed concerns with mercury leaving the site and CCSWA followed all of their recommendations. The second item in this section was a copy of Mr. Watts' February 3, 2015 memo to the Caernarvon Board of Supervisors on off-site wells that were sampled the 4th quarter of 2014. The next item is a proposal from Golder for \$5,740 to evaluate the historic trends during the period 2000-2014 for metals in groundwater onsite (Golder contract for the last ten years did not ask them to evaluate off-site property's wells). The last item in this section was a February 16, 2015 email from ARM Group to Ms. Devine outlining their recommendations for steps to be taken with private water supply wells that have had mercury detections.

F. George A. Weaver, Inc. – Property Rental (Executive Session): Left Regular Session to enter Executive Session at 5:50 p.m. and returned to Regular Session at 6:01 p.m.

G. Agreement With CDS To Process Wood: Mr. Watts said he developed this agreement with input from CDS and Mr. Pompo. Mr. Watts said he would like the Board's approval of this contract.

H. Property Purchase (Executive Session): Left Regular Session to enter Executive Session at 6:10 p.m. and returned to Regular Session at 6:25 p.m.

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

A. Monthly Activity Report: Mr. Watts said we recorded 1.70" of rain in January. We did not use any water for dust or odor control in January. Mr. Watts said CDS removed about 100 tons of wood for the month from our compost area. New this month was a section on sediment control. Severson removed about half of the sediment in Pond 1 and all sediment from Pond 3 during January. We have hired Lyons & Holh to remove the remaining sediment in Pond 1 and then they will remove all the sediment in Ponds 11 and 6 as the weather allows. In this section there is a picture of a filter sock being deployed along one of the haul roads. All of the initial filter sock has been deployed, but will not be able to be anchored properly until warmer weather. There were 10 tires removed from the working face during January. The inspection report from PADEP is included in this section and had no violations or concerns. There was not an inspection by Caernarvon Township in January. Mr. Watts said included in this section were graphs of cost of daily cover, contracted labor, daily landfill gas flow, fuel usage and average overtime hours by month per operation's employee.

6. **Facility Engineer's Report:**

A. Monthly Activity Report: The Monthly Engineer's Report for February 2015 was presented to the Board.

- A final inspection of the Area E, Stage 2, Construction work was conducted on Friday, January 23, 2015. A punch list of work items remaining was compiled by the ARM Group (ARM) and sent to Severson Environmental Services (SES) on or about January 26, 2015. SES indicates that they will not return to complete the punch list next week due to weather. Additional details concerning construction status are found in ARM's Monthly Construction Progress Report dated February 12, 2015.
- A pre-construction conference for the 2015 LFG Collection System Modifications was conducted February 3, 2015. Work was substantially completed on or about February 11, 2015. The ARM Group provided field inspection of the work and will certify the completion of work as part of the Area E, Stage 2 Construction.
- The Construction Certification Report and the PADEP Form 37 for the Cell D3 Alternative Final Cover Construction remains under PADEP's review. Monthly monitoring of the demonstration facility remains in progress.
- The new contract form for the 2015 survey services was prepared and executed during the period.
- During the period, Ludgate Engineering Corporation (LEC) was asked to furnish a quotation to conduct a preliminary study and report concerning the extension of the public water supply and other alternative water supply options for the adjoining property owners.
- Field surveying services for the PADEP Annual Report were completed.
- Draft drawings for the PADEP Annual Report were submitted on February 12, 2015.
- The construction survey for the 2015 LFG System Modifications was completed.

- A survey of the sediment levels in Ponds 6, 10 and 11 was completed. Due to freezing weather, ice was encountered above the sediment levels. Calculations of the remaining sediment storage volume were completed.
- The new contract form for ARM Group (ARM) to prepare a Settlement Accommodation Plan was prepared and executed during the period.
- During this period I prepared the Construction Certification Report and the required PADEP Form 37 for the 2014 Expansions of the Authority's LFG Collection and Leachate Recirculation Systems. The completed Report was submitted to PADEP on or about February 13, 2015.

B. Area E, Stage 2 – Monthly Construction Progress Report: ARM's Monthly Construction Progress Report dated February 18, 2015 concerning Area E; Stage 2 was presented to the Board. The report included: a list of the work performed during the period; the monthly budget status; status of the January 2015 partial payment application; and construction photographs. A copy of the updated punch list dated February 3, 2015 with photographs of several punch list items was attached to the Report.

C. ARM Group – Monthly Status Report: ARM's Monthly Status Report dated February 11, 2015 was presented to the Board. The Report listed ARM's invoicing for the period. Engineering fees that are considered recoverable due to contractor delay and non-conforming work are also listed in the Report.

D. SCS Engineers – Monthly Status Report: The Monthly Progress Report from SCS Engineers (SCS) dated February 9, 2015 was presented to the Board. During the period, SCS provided design phase engineering services for the 2015 Landfill Gas Collections System Modifications.

E. Severson – Correspondence: The February 19, 2015 memorandum from the ARM Group to the Authority was presented to the Board. This memorandum was prepared in response to SES's February 10, 2015 letter to ARM and the Authority regarding "geo-grid modifications". A letter dated February 9, 2015 from Pennoni Associates (Pennoni) to SES is an attachment to SES's letter.

The Board's initial attention was directed to pages 10 and 11 of ARM's memorandum. In the first paragraph of page 10, ARM asserts that Pennoni's findings were not based on a thorough understanding and examination of the Contract Documents including: the front-end documents; the role of the CQA Consultant; the role of Certifying Engineer; and PADEP's Municipal Waste Regulations. Further, SES's improper placement of the geo-grid in conflict with other features at the top of the MSE wall was solely due to SES's routine neglect of their given duties to supervise and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents.

The February 9, 2014 letter from Pennoni to SES was presented the Board. For ARM's response to Pennoni's comments, the Board's attention was directed to ARM's memorandum to the Authority dated February 19, 2015.

The Board's attention was specifically directed to Pennoni's question found at the bottom of page 2 of their letter: What are the duties of the CQA Consultant? In answer to this question, CQA monitoring is performed solely for the purpose of PADEP Certification. The duty to direct, supervise, sequence, schedule and construct the Work was delegated to SES by the Authority.

Other correspondence dating back to the fall of 2014 concerning SES's geo-grid claim was attached for the Board's convenience.

7. Water Management's Report:

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

JANUARY HIGHLIGHTS:

- January 2015 landfill leachate 691,042 gallons (includes gas condensate)
Granger Energy Condensate 6,102 gallons

- January 2014 landfill leachate 402,838 gallons
- January 2014 Rainfall 1.03"
- January 2015 Rainfall 1.68" (8 days of measurable rainfall)

LEACHATE STORAGE UPDATE: (As of February 13, 2015)

T-101 Leachate Storage Tank	-230,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	-220,000 gallons	capacity – 850,000 gallons
<u>T-100 Equalization Tank</u>	<u>-110,000 gallons</u>	<u>capacity – 110,000 gallons</u>
Total Leachate Storage	-560,000 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 30 %

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.
- Data including leachate levels, pumping rates, and flow totalizer numbers are collected Daily Monday through Friday.

RECIRCULATION SYSTEM

- 111,000 gallons was recirculated into the Area C recirculation blankets during the month of January 2015.

Recirculation to date: 1/31/2015

<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>Area C Blankets</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
2	37,200	1,250,000
3	35,510	1,250,000
4	38,290	1,250,000
Total	111,000(gal)	3,750,000 (gal)

<u>Area D Blankets</u>	<u>Recirculated(gal)</u>	<u>Maximum gallons/year</u>
1	10,200	1,250,000
2	21,000	950,000
3	0	825,000
Total	31,200	1,900,000

Water Operations staff is currently trouble shooting the Area D recirculation control panel. The system will not run. It was installed as part of the Area D cells in 2004. The blankets were just installed during our last LFG expansion.

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

The UFRO ran 18 days during January. The plant processed 40,000 gallons during this month. This was an average of 2,222 gpd.

LEACHATE HAULING to off-site POTW

A total of 546,000 gallons were hauled off site for disposal during the month of January 2015.

GROUND WATER INFLOW/STORAGE UPDATE: 2/8/2015

- Ground Water Holding Pond – 680,500 gallons 85 % of capacity.
- The Ground Water Holding Pond Outfall 101 maintained a manageable level during January 2015 with a discharge of 53,900 gallons. Water from this Groundwater Holding Pond is available for Contractors as well as CCSWA staff for dust control.
- Total Ground Water received for January 2015 – 133,940 gallons.

NPDES PERMIT COMPLIANCE:

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated January 27, 2009 – The NPDES DMR Outfall 001, 100 and Outfall 101 for January 2015 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 53,900 gallons of groundwater (Outfall 101) Ground Water Holding Pond, was discharged to (Outfall 001). A total of 53,900 gallons was discharged to the Conestoga River (Outfall 001) during January 2015.

8. Compliance Officer’s Report:

A. Monthly Activity Report: Ms. Devine reported that ARM Group has been provided with the 2014 ground water data so they can begin to put the annual report together. Ms. Devine also mentioned that the first quarter 2015 sampling was conducted by ALSI the first week of February. Also related to ground water issues, Ms. Devine mentioned that she had talked with both homeowners about the mercury detections in their drinking water and informed them there would be additional samples would be taken.

Ms. Devine reported that there was one radiation alarm since the last meeting. It was household waste from Chester County that had set off the radiation alarm at WM’s transfer station in Norristown. The isotope was confirmed as I-131 and the load was landfilled.

Ms. Devine reported that the Annual Title V Compliance Certification was submitted to EPA and DEP by January 31st as required. Ms. Devine also reported the flare was operated for 5 hours on Jan 22nd, 1.25 hours on Jan 24th and 1 hour on Jan 26th, for a total of 7.25 hours since the previous meeting.

Ms. Devine reported that there were no odor complaints received since the previous meeting.

Ms. Devine reviewed some of the information in the Title V Compliance Certification. There was a brief discussion regarding the report.

9. Recycling Coordinator’s Report:

A. Monthly Activity Report: A list of meetings and events attended during the past month was provided. Of the items listed, Ms. Fromnick commented that she invited a national e-waste consultant to attend the regional HHW meeting to discuss the e-waste issue. Board members are reminded that e-waste will not be collected at the 2015 HHW events.

B. Correspondence: In – Ms. Fromnick provided a list of major pieces received. The County was awarded a grant which Ms. Fromnick forwarded for Commissioners signatures through the contract transmittal system. Ms. Fromnick requested the necessary board member signatures on the CCSWA award agreement of \$250,000.

Out – A list of major correspondence was provided.

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

10. Business Manager's Report.

A. January 2015 & December 2014 (Final) Financial Statement: Mr. Magrann presented the Financials for December 2014 (final) stating that Net Income was \$6,095,382 for the year, which was 1.2% above the budgeted amount for the year. Retained Earnings at the end of December 2014 were at \$63,621,139. The funds invested totaled \$40,673,240 at year end. The Net Income for January 2015 was \$327,801, which was 9.7% below the Budgeted amount for the month. The Retained Earnings at the end of January 2015 was \$63,948,940. The funds invested totaled \$40,444,097 at January 2015. Mr. Martin made a motion to accept the Financial Statements as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

B. January 2015 Accounts Receivable: Mr. Magrann stated that receivable days outstanding increased from 36.16 days in December 2014 to 40.19 days in January 2015. In addition, Rental Property Collections was higher than Expected Net Rentals Due by \$6.00 in January 2015.

C. January 2015 Tonnage/Customer Information: Mr. Magrann presented the Tonnage Report for January 2015 of 21,479 tons which was 7.60% below budget for the month and was 5.11% lower than the January 2014 tonnage received. The January 2015 Y-T-D tonnage received was 7.60% lower than the January 2015 Y-T-D budgeted tonnage and 5.11% lower than the January 2014 Y-T-D actual tonnage.

D. January 2015 Vendor Check Register Report: The Vendor Check Register for January 2015 was presented to the Board by Mr. Magrann. The checks totaled \$6,627,323.13. Mr. DiLibero made a motion to accept the Check Register as presented; Mr. Martin seconded the motion. The motion was carried by a unanimous vote.

E. Large Dollar Check Approvals: Mr. Magrann presented the Large Dollar Invoices (from January 23, 2015 to February 19, 2015) totaling \$709,994.75. Mr. Marroletti 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 Extension Of Property Management Agreement: Mr. Magrann presented a request to extend the Property Management Agreement to the existing property manager (Stout Associates) for one year (from January 2015 to December 2015), under the same terms as the initial agreement. Mr. Carosella made a motion to extend the Property Management Agreement as presented; Mr. Martin seconded the motion. The motion was carried with a unanimous vote

G. Request For Approval To Write-Off Fully Depreciated Assets: Mr. Magrann presented a request to approve the write-off of fully amortized / depreciated assets totaling \$59,428,414.85. Mr. Marroletti made a motion to accept the Write-off of the Assets as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

H. Sevesnon Payment Issue Snapshot: Mr. Magrann presented an informational which could be assessed under the Sevenson Contract. This review reflected pending Sevenson Billings thru December 2014.

There being no further business, the meeting was adjourned at 7:31 p.m.

Prepared by,

Peggy A. Cunius