

CHESTER COUNTY SOLID WASTE AUTHORITY

Work Session — Lanchester

May 21, 2015

1. **Call to Order:** Bob Schoenberger, Chairman, called the May 21, 2015 *Work Session* Meeting of the Chester County Solid Waste Authority to order at 5:30 p.m.

Authority Members Present

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

Authority Members Absent

Peter Marroletti

Management and Staff Present

Robert A. Watts
Gary Laird
Mike Magrann

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman had no announcements.

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 under the Correspondence In section of his report he wanted to highlight that Advanced Disposal has asked PADEP to change the name of their facility from Champion Recycling Inc. to Champion Transfer Station, Inc. Mr. Watts said he and Ms. Nichols met with a representative of Geologic GPS and we are interested in updating our current GPS system to a system without repeaters. Mr. Watts said he also met with a consultant during this period to discuss the material recovery facility and C&D Recycling studies the consultant is working on for Chester County under a PADEP Technical Assistance Grants. Mr. Watts said they had purchased a new pickup truck and sold a 2008 pickup at auction for \$14,200.

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 an article on the same gasification process that he and the Chairman have been meeting with a potential developer from Chester County and a similar project is being built in the Reno, NV area. The second article was concerning Perdue starting construction of their soybean plant next to the Lancaster County Waste Authority to Waste to Energy Plant. The next article was highlighting the benefits of anaerobic digestion of waste. There were two articles in this section on the diversion of waste from landfills. There was an article on the state of Vermont banning recyclables from their landfills. The mixed waste recyclable opponents to Covanta and the City of Indianapolis have filed an appeal to their project.

D. Correspondence: Mr. Watts said there was no correspondence this week he wanted to highlight.

E. Groundwater & Stormwater Memo: The first item in this section was an updated spreadsheet with private water supply wells mercury testing results. The two wells that have had mercury detections in the first quarter sampling had similar results in the second quarter sampling. Included in this section was a memorandum from the ARM Group Inc. that concluded as a result of landfill gas sampling, that landfill gas was “unlikely that mercury in landfill gas was contributing to mercury concentrations in on- and off-site groundwater monitoring wells.”

F. George A. Weaver, Inc. – Property Rental: Left Regular Session to enter Executive Session at 5:44 p.m. and returned to Regular Session at 5:54 p.m.

H. Mission Statement: Mr. Watts said he deleted the current Mission Statement from this section this month and this item could be acted on next week.

I. Chester County Waste Destinations 1st Quarter 2015: Mr. Watts said while Chester County Waste Generation was slightly up this year, both CCSWA and the SECCRA landfills saw a slight decrease in waste for the first quarter. There was not much change year over year, but slightly more C&D was included in this year’s report and that Advance Disposal is sending more residual waste from Chester County to one of their landfills so far in 2015.

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

A. Monthly Activity Report: Mr. Watts said we recorded 1.59” of rain in April. Mr. Watts said CDS removed about 20 tons of wood for the month from our compost area. Sediment has been removed from Pond 1, Pond 10, Pond 11 and Pond 6. There were 14 tires removed from the working face during April. We also used 75 gallons of odor neutralizer in April. The inspection report from the Caernarvon Township Host Inspector and the comment section of the inspection report from PADEP is included in this section and had no violations or concerns. Mr. Watts said included in this section were graphs of rainfall by month, cost of daily cover, contracted labor, daily landfill gas flow, fuel usage, average overtime hours by month per operation’s employee and equipment utilization. New in this section this month was a graph of the monthly weigh ticket transactions recorded and the average truck cycle time at the Lanchester Landfill. Mr. Watts said since it is about a mile from the scale to the working face it would take a truck that was obeying our posted 15 mph speed limit 8 minutes to just drive up and back. The cycle time during April averaged about 18 minutes which is about the average for non-winter cycle times at the Lanchester Landfill.

B. Recommendation For 2015 Hydro-Seeding: Mr. DiLibero moved and Mr. Carosella seconded awarding the bid to the low bidder – Green Start, Inc. The vote was unanimous.

6. **Facility Engineer’s Report:**

A. Monthly Activity Report: Mr. Watts said Mr. Esterly was on vacation and he would be giving his report tonight. Mr. Watts said Severson Environmental Services (SES) had provided record drawings and they were approved by the ARM Group on May 7, 2015. A final inspection was held on May 8, 2015. A draft of the public water supply report was received May 4, 2015.

B. Area E, Stage 2 – Monthly Construction Progress Report: Mr. Watts said the SES application for payment did not reach the \$50,000 minimum this month, so there will not be a payment.

C. Severson Correspondence: This section contained a SES May 7, 2015 letter requesting a final inspection and the ARM Group’s response.

D. ARM Group – Monthly Status Report: Mr. Watts said the ARM Group’s Area E, Stage 2 Contractor Delay or Nonconforming Work Items now total \$130,042.64.

E. 2015 Final Cover System – Engineering Services: Mr. DiLibero moved and Mr. Carosella seconded awarding this project to the lowest cost proposer that took no

exceptions to our contract language - ARM Group, Inc. for tasks 1-5 for \$63,936. The vote was unanimous.

7. Water Management’s Report:

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

Leachate Storage Balance

<u>Month of April 2015</u>		<u>Gallons</u>
Beginning of Month Leachate in Storage		747,500
Metered Leachate Flow from Landfill		725,300
System / Meter Variance for Month (calculated)		(13,090)
subtotal of Gallons Available for Disposal		1,459,710
Leachate Hauled Offsite		712,000
Leachate Treated		54,460
Leachate Recirculated to Landfill		113,250
End of Month Leachate in Storage		580,000
Meter Variance 2%		

LEACHATE STORAGE UPDATE: (As of April 31, 2015)

T-101 Leachate Storage Tank	-245,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	-225,000 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	-580,000 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 31 %

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

- Recirculated into the Area C recirculation blankets during the month of April 2015.
- Area D Recirculation system was test run for two days during April. All bad components were replaced and modifications are complete.

Recirculation to date: 4/30/2015

Trenches:

<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

Recirculation Blankets:

- 113,250 gallons recirculated into the area C blankets

<u>Area C Blankets</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
2	181,737	1,250,000
3	179,639	1,250,000
4	191,925	1,250,000
Total	553,301(gal)	3,750,000 (gal)

- 0 gallons recirculated into the area D blankets

<u>Area D Blankets</u>	<u>Recirculated(gal)</u>	<u>Maximum gallons/year</u>
1	30,685	1,250,000
2	21,000	950,000
3	17,491	825,000
Total	69,176	3,025,000

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

The UFRO ran 20 days during April. The plant processed 54,460 gallons this month averaging 2,723gpd.

GROUND WATER INFLOW/STORAGE UPDATE: 4/30/2015

- Ground Water Holding Pond – 724,000 gallons 91 % of capacity.
- The Ground Water Holding Pond Outfall 101 maintained a manageable level during April 2015 with no discharge.
- Analytical testing for arsenic and lead was performed this month and results came back non-detect. Analytical is attached.
- Water from this Groundwater Holding Pond is available for Contractors as well as CCSWA staff for dust control.
- Total Ground Water received for April 2015 – 46,320 gallons.

NPDES PERMIT :

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated April 27, 2009 – The NPDES DMR Outfall 001, 100 and Outfall 101 for April 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 0 gallons of groundwater (Outfall 101) Ground Water Holding Pond, was discharged to (Outfall 001). A total of 0 gallons was discharged to the Conestoga River (Outfall 001) during April 2015.

8. Compliance Officer's Report:

A. Monthly Activity Report: Mr. Watts said he would give Ms. Devine's report tonight. Mr. Watts said Ms. Devine sent an electronic copy of the 2014 Annual Groundwater report to Mr. Martin today and would be glad to send a copy to any other Board Member that is interested in reviewing it. Mr. Watts said during the morning of April 20th we received about 0.63" of rain and Ms. Devine determined the only Sedimentation Pond that was discharging into Caernarvon Township was Pond 1. She collected a sample from Sedimentation Pond 1 and a graph of the historical results for arsenic and lead are in this section. As the graph indicates the samples collected on April 20th indicate the levels of arsenic and lead have almost returned to their pre-construction levels. Mr. Watts said during April only the utility flare was operated for one hour for testing. Mr. Watts said it has now been 869 days since a Lanchester Landfill employee had a lost time accident. There were no complaints received during April and there were six radiation detections will all radiation isotopes and levels within our permitted range so all these loads were landfilled.

9. Recycling Coordinator's Report:

A. Monthly Activity Report: Mr. Watts said he would answer any questions the Board had on Ms. Fromnick's report.

10. Business Manager's Report.

A. April 2015 Financial Statement: Mr. Magrann presented the Financials for April 2015 stating that Net Income was \$380,059, which was 34.4% (\$199,394) below the Budgeted amount for the month, and 27.5% (\$460,293) below Budget for the year. Retained Earnings at the end of April 2015 were at \$64,835,422. The funds invested totaled \$41,602,416 at month end.

B. April 2015 Accounts Receivable: Mr. Magrann stated that receivable days outstanding decreased from 36.44 days in March 2015 to 32.75 days in April 2015. In addition, Rental Property Collections was higher than Expected Net Rentals Due by \$802 in April 2015.

C. April 2015 Tonnage/Customer Information: Mr. Magrann presented the Tonnage Report for April 2015 of 26,847 tons which was 0.57% above budget for the month and was 0.94% lower than the April 2014 tonnage received. The April 2015 Y-T-D tonnage received was 4.16% lower than the April 2015 Y-T-D budgeted tonnage and 1.07% lower than the April 2014 Y-T-D actual tonnage.

D. April 2015 Check Register Report: The Vendor Check Register for April 2015 was presented to the Board by Mr. Magrann. The checks totaled \$1,333,786.03. Mr. Martin 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 (5/1/2015 To 5/21/2015): Mr. Magrann presented the Large Dollar Invoices (from May 1, 2015 to May 21, 2015) totaling \$420,330.57. Mr. Martin 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 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 \$35,605 from Surance. In addition, the General Liability Policy on the Rental Properties for an annual premium of \$3,549 from Surance was presented. Mr. DiLibero 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. Carosella seconded the motion. The motion was carried by a unanimous vote.

There being no further business, the meeting was adjourned at 6:41 p.m.

Prepared by,

Peggy A. Cunius