

CHESTER COUNTY SOLID WASTE AUTHORITY

Combined Work Session & Regular Meeting — Lanchester

July 24, 2014

- 1. Call to Order:** Bob Schoenberger, Chairman, called the July 24, 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
Vince Carosella
Peter Marroletti
Kim Venzie
Peter Knipe
E. Joel Martin

Authority Members Absent

Ramsey G. DiLibero

Management and Staff Present

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

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 approving the minutes of the June 26, 2014 *Combined Session Meeting*. The vote was unanimous.

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

A. Monthly Activity Report: Mr. Watts said the PADEP copied him on a minor permit modification by ArcelorMittal to reduce the airspace in their residual waste landfill by 74,865 cubic yards. Mr. Watts said he and Mr. Laird met with a manufacturer's representative concerning a leachate evaporation system that would work with the exhaust heat from Granger Energy's landfill gas powered engines. They plan to visit an operational plant upstate next month. Mr. Watts said they are preparing 79 Lanchester Road house for deconstruction. He said they had a property inspection completed on this house and it indicated too many repairs and upgrades were needed to bring the house up to code. Mr. Watts said 557 Friendship Drive was listed for sale July 3rd and it is covered by the Area D 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 concerning the former owner of a property we acquired that has an observatory. Mr. Watts said he will be meeting with him tomorrow night to go over what will be required to relocate the observatory to the top of the landfill. This section included a few articles concerning PA landfills and their permitting challenges. Also in this section was a press release from the City of Reading where Mr. Watts is quoted as the Interim Executive Director of Professional Recyclers of Pennsylvania on their efforts to continue to collect recycling fees.

D. Correspondence: Mr. Watts said this section contained a copy of a letter from the Montgomery County Planning Commission. They asked for us to complete their Landfill Questionnaire if we want to continue to be included in their County Plan. The Board directed Mr. Watts to send them the completed questionnaire. Mr. Watts said the next letter in this section was one he sent the Northwester Chester County Municipal Authority requesting the return of our escrow money. This request was a result of Honey Brook Township electing not to include CCSWA in their Special 537 Study that has started. Mr. Watts said he received a phone call from Honey Brook Township after they received this letter with them saying they plan to include CCSWA's request for sewer extension in their next Special 537 Study which should be started this winter. The next letter was from Pennsylvania American Water asking that we report any spills to the PADEP and them.

E. Waste Management Philadelphia MRF Information: This section included information on their Material Recovery Facility and SpecFuelTM Facility in Philadelphia.

F. Granger Energy Engine Fire Response: This section includes details and pictures concerning upgrades they have made to their fire response system. It is now set up to detect a fire quicker and report directly to the local fire companies.

G. Covanta Energy Tonnage Swap Proposal: This section includes an email from Covanta Energy and a map. They would like haulers to have the ability to take waste from the northeast corner of Chester County to their facility in Montgomery County. They have proposed to send the same amount of waste on a monthly basis to Lanchester from one of their Delaware Valley transfer stations.

5. Operations/Site Development Report.

A. Monthly Activity Report: Mr. Watts said the first month of summer had 4.10” of rain. The landfill gas flows had been around 2,800 cfm. We did use 319,400 gallons of water for dust control last month. Odors have been minimal during this period – we used 210 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 new wood processor removed almost 300 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 July 2014 was presented to the Board. The following items were discussed:

- On June 27, 2014 the ARM Group submitted a notification letter to PADEP concerning the start of the two year demonstration period for the Cell D3 Alternative Final Cover. For details, please refer the ARM’s June 27, 2014 letter.
- A Preconstruction Meeting for the 2014 Landfill Gas Collection System Expansion was held on Wednesday, June 25, 2014. Construction work began on Monday, July 7, 2014. Work on the leachate recirculation blankets has been completed. Work on the horizontal collection trenches is now in progress. The well drilling task will start later this month. A construction progress meeting was conducted on July 9, 2014.
- The remainder of the report was presented for the Board’s review at their convenience.

B. Demonstration Facility Permit – Correspondence Dated June 27, 2014: A copy of the June 27, 2014 letter to PADEP concerning the start of the two year demonstration period for the Cell D3 Alternative Final Cover regarding SES’s was presented to the Board.

C. Area E, Stage 2 – Monthly Status Report: ARM’s Monthly Construction Progress Report dated June 19, 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 also included. The photographs dated July 17 through July 22 show construction progress on the sub-base installation and secondary liner deployment. Ongoing concerns were expressed about Severson’s ability to perform the work in accordance with the contract documents and the schedule. The principle concern remains the completion of the new cell before the existing landfill’s remaining capacity is depleted. Concerns about the potential for future claims and litigation were also expressed. The staff was reminded to appropriately assert the Authority’s rights in correspondence and to carefully maintain appropriate records.

D. ARM Group – Monthly Status Report: The Monthly Status Report from the ARM Group dated July 19, 2014 was presented to the Board for review. Mr. Daniel Fellon, P.E. of the ARM Group reviewed the memorandum with the Board. A benchmark graph was attached to the report. The graph indicates that the completion of the construction work within contract time appears unlikely.

E. Defective Work – Change Order #2: A copy of proposed Change Order Number 2 dated July 14, 2014 was presented to the Board for review. The Change Order was prepared by ARM in accordance with the recommendations made in ARM’s June memorandum concerning non-conforming work on the MSE berm facing, the 12-inch LFG header pipe, and Drop Inlet A. The proposed Change Order was sent to Severson for execution. Severson has indicated that the proposed Change Order is under review. Copies of the Non-conforming Work Notices were included as attachments to the proposed Change Order.

F. SCS Engineers – Monthly Status Report: The Monthly Progress Report from SCS Engineers dated July 15, 2014 was presented to the Board for review. Services during this period included construction phase engineering services on the 2014 LFG Collection System Expansion.

7. Water Management’s Report. (GAL)

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

JUNE HIGHLIGHTS:

- June 2014 landfill leachate 775,607 gallons (includes gas condensate)

Leachate by area breakdown:

Area C 167,252 gallons

Area B 210,505 gallons

Area D 382,255 gallons

Granger Energy Condensate 15,595 gallons

- June 2013 landfill leachate 828,800 gallons
- June 2013 Rainfall 11.68”
- June 2014 Rainfall 4.10” (10 days of measurable rainfall)

LEACHATE STORAGE UPDATE: (As of July 1, 2014)

T-101 Leachate Storage Tank	-172,500 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	-159,747 gallons	capacity – 850,000 gallons
T-100 Equalization Tank	-110,000 gallons	capacity – 110,000 gallons
Total Leachate Storage	- 442,247 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 24 %

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. June 2014 experienced metering issues with the B4pump station. Paddle wheel was replaced. 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 June 2014.

Recirculation to date: 6/1/2014

<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
Total	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	255,295	1,250,000
2	267,850	1,250,000
3	264,710	1,250,000
4	273,043	1,250,000
Total	1,060,898 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

The UFRO ran 23 days during June. The plant processed 64,840 gallons during this month. This was an average of 2,819gpd.

LEACHATE HAULING to off-site POTW

A total of 718,974 gallons were hauled off site for disposal during the month of June 2014.

GROUND WATER INFLOW/STORAGE UPDATE: 7/18/2014

- Ground Water Storage Pond – 523,000 gallons 65 % of capacity.
- The Ground Water Storage Pond Outfall 101 maintained a manageable level during June
- 2014 with a discharge of 93,600 gallons. Contractors as well as CCSWA staff continue to use water from this source for dust control.
- Total Ground Water received for June 2014 – 221,369 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 June 2014 has reported full compliance with the 2009 NPDES Permit. All Monitored Parameters were below required discharge limits. 131,500 gallons from the effluent equalization tank (Outfall 100) of treated permeate and 93,600 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 225,100 gallons was discharged to the Conestoga River (Outfall 001) during June 2014.

8. Compliance Officer's Report. (TAD)

A. Monthly Activity Report: Ms. Devine reported that the 2013 Annual Ground Water Report had been submitted to the DEP and Caernarvon and Honey Brook Townships. Ms. Devine also informed the Board that the 2nd quarter results for 2014 were recently submitted to DEP.

Ms. Devine reported that there were three radiation alarms in the past month. All were I-131 and all were landfilled.

Ms. Devine reported there was one odor complaint received on July 11th. The odors were probably a result of excavation in old waste in order to install leachate recirculation blankets. DEP was notified of the complaint and all misters were turned on. No additional complaints were received.

Ms. Devine also reported the enclosed flare was operated for 20.5 hours in the past month including 15.5 hours on July 4th for the Holiday. The utility flare was also operated 9.5 hours on July 9th for a scheduled Granger plant shut down.

Ms. Devine reported that she has submitted a number of Form U applications for contaminated soil to be used as ADC to the DEP in the past month.

B. MCL Exceedence Report – 2nd Quarter 2014: During the second quarter ground water monitoring event. Ms. Devine reported that practically all the exceedances were iron and manganese, none were volatiles organic compounds.

C. Perimeter Gas Monitoring – 2nd Quarter 2014: There were no exceedances to report.

D. Inspection Report: Ms. Devine reported that she took Mr. John Pollock around the site for an inspection on July 18th. There were no issues raised and no deficiencies noted in his report.

9. Recycling Coordinator’s Report (NJF)

A. Monthly Activity Report: Mr. Watts said Ms. Fromnick was on vacation so he would give her report. Mr. Watts said he would answer any questions and wanted to highlight the newspaper articles at the end of the report. The first article was concerning Cash for Cans contest that we sponsored with SECCRA and Chester County. The second article said Chester County should expect a population of over 600,000 in 2020.

10. Business Manager’s Report. (JMG)

A. June 2014 Monthly Tonnage Report: Mr. Magrann presented the Tonnage Report for June 2014 of 27,410.96 tons which was 2.9% over budget for the month and was 7.0% higher than the June 2013 tonnage received. Mr. Magrann stated that the June 2014 Y-T-D tonnage received was equal to the June 2014 Y-T-D budgeted tonnage and 0.5% higher than the June 2013 Y-T-D actual tonnage.

B. June 2014 Accounts Receivable: Mr. Magrann stated that receivable days outstanding decreased from 37.05 days in May 2014 to 36.11 days in June 2014. In addition, Rental Property Collections exceeded Expected Net Rentals Due by \$646 in June 2014 and was less than Expected Net Rentals Due by \$14,090 in May 2014. It was noted that the new property manager, Stout Associates began July 1, 2014.

C. June 2014 Financial Statement: Mr. Magrann presented the Financials for June 2014 stating that Net Income was \$604,265 for the month, which was 7.8% above the budgeted amount for the month. Retained Earnings at the end of June 2014 were at \$60,463,996. The funds invested totaled \$42,053,220.90 at month end. The interest earned in June 2014 was at a rate of 0.22% compared to 0.21% in May 2014. Mr. Marroletti made a motion to accept the Financial Statements as presented; Mr. Martin seconded the motion. The motion was carried by a unanimous vote.

D. June 2014 Vendor Check Register Report: The Vendor Check Register for June 2014 was presented to the Board. The checks totaled \$905,812.64. Mr. Carosella made a motion to accept the Check Register as presented; Mr. Marroletti seconded the motion. The motion was carried by a unanimous vote.

E. Large Dollar Check Approvals: Mr. Magrann presented the July 2014 Large Dollar Invoices (from June 27, 2014 to July 24, 2014) totaling \$2,121,374.93, as detailed on Schedule 10 E. 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 Bond Purchase: Mr. Magrann presented a request to approve a DEP Collateral Bond Replacement in the amount of \$2,995,000. Mr. Marroletti made a motion to accept the DEP Collateral Bond Replacement as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

G. Act 101 – 2nd Quarter 2014: Mr. Magrann presented a request to approve Mandated and Non-Mandated 2nd Quarter Act 101 Fees totaling \$1,072,544.16. Mr. Marroletti made a motion to accept the Act 101 Fee Summary as presented; Mr. Martin seconded the motion. The motion was carried by a unanimous vote.

H. Cash Flow Projection Snapshot: Mr. Magrann presented an informational snapshot review on the current status of the Future Cash Flow / Fund Balance Projection thru December 31, 2015 of the Chester County Solid Waste Authority's operations.

I. Request For Write-off Of Dully Depreciated Fixed Assets: Mr. Magrann presented a summary listing (as well as a detailed listing) of 831 fixed assets, with a Total Initial Cost of \$13,880,643.49, which are being retired from the fixed asset listing as of July 2014. It was agreed that no Board Approval was required for this activity, thus presentation was for informational purposes only.

J. Request To Close-out Payroll Bank Account: Mr. Magrann made a request to close-out the existing Payroll Bank Account (a/c# 2000001097285), and transfer the monthly activity in this account to the existing Disbursement Account. Mr. Carosella made a motion to accept the close-out the Payroll Bank Account as presented; Mr. Marroletti seconded the motion. The motion was carried by a unanimous vote.

K. Change In Accounts Receivable Credit Term Letter: Mr. Magrann made a request to close-out the existing Payroll Bank Account (a/c# 2000001097285), and transfer the monthly activity in this account to the existing Disbursement Account. Mr. Carosella made a motion to accept the close-out the Payroll Bank Account as presented; Mr. Marroletti seconded the motion. The motion was carried by a unanimous vote.

The meeting was adjourned at 8:02.

Prepared by,
Peggy A. Cunius