

CHESTER COUNTY SOLID WASTE AUTHORITY

Combined Work Session & Regular Meeting — Lanchester

June 20, 2013

- 1. Call to Order:** Bob Schoenberger, Chairman, called the June 20, 2013 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 Knipe
Ramsey G. DiLibero
Peter Marroletti
Vince Carosella
Joel Martin

Authority Members Absent

Joe Viscuso

Management and Staff Present

Robert A. Watts
Jim Gorney
Owen R. Esterly
Gary Laird
Teresa A. Devine

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman also said there will not be a second meeting in June because on that night there will be a dinner honoring Bill Shirk's 18 years of service to the CCSWA Board of Directors.

- 3. Meeting Minutes:** Mr. DiLibero moved and Mr. Carosella seconded that the minutes of the May 23, 2013 *Work Session Meeting* and the May 30, 2013 *Regular Session Meeting* be approved. The vote was unanimous.

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

A. Monthly Activity Report: Mr. Watts said most of the correspondence in May was routine. Mr. Watts said he attended the Southeast Regional Office of PADEP Quarterly Roundtable on May 22, 2013 and the main topic was what grants are available to promote the use of CNG as a fuel in trucks. Mr. Watts said he had met with Clean Energy and the ARM Group to discuss the feasibility of locating a CNG fueling station next to our main office. He said a second meeting on this topic will take place in July. Mr. Watts said he and staff conducted an orientation at the request of Mr. Roche from Vision Engineering. Mr. Roche, Mr. Geltmacher and Ms. Krock are the new Municipal Host inspectors for Caernarvon Township. Mr. Watts said they reviewed a PowerPoint, exhibits and took a tour of the site. Mr. Watts said he and Mr. Myer set up and helped judge SWANA's Mid-Atlantic Regional Road-E-O recently in Maryland. Mr. Watts said we may have all the properties rented soon. We have been approached by an owner of a property on Friendship Drive that he will be putting it up for sale soon. Mr. Watts said we sold two surplus items at auction recently.

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: The first article in this section was concerning recycling inspection program that has slowed the flow of materials in China. The next article was concerning Waste Management forming a collaborative with McDonough in packaging. There was an article concerning two Bucks County municipalities having a boundary dispute that could effect who receives host fees from a new landfill expansion. Vermont became the sixth state to have the manufacturers responsible for a paint take back program.

D. Chester County Waste Destinations 1st Quarter 2013: Mr. Watts said the first page in this section is a bar chart comparing waste tonnage received at facilities during the 1st Quarter from Chester County for 2012 and 2013. Mr. Watts said there was a reduction in waste disposed of at both Lanchester and SECCRA landfills during this period. Other landfills receiving C&D and residual waste originating in Chester saw an even larger decline in tonnage received. Mr. Watts said some of the reduction was likely weather related but the drop from 106,341.5 to 85,196.5 tons is very significant. Mr. Watts said the next two pages are copies of the data for the two quarters from the PADEP website. Mr. Watts said he has corrected the sheet because we mistakenly reported Harrisburg ash as originating in Chester County. We have reported this error to PADEP, but they have not made the corrections to their website yet. The fourth page was another bar graph comparing the tonnage of five categories of waste during the same period.

5. Operations/Site Development Report.

A. Monthly Activity Report: Mr. Watts said most items in this section this month were routine, we recorded 2.89 inches of rain for May, but the first twelve days of June we have already seen 4.67 inches. The man hours of labor have shifted from paper picking to weed whacking as the winds have calmed down and the grass is growing quickly. Mr. Watts said cost to cover last month was reduced because of Harrisburg ash and processed ash from American Ash Recycling in York. There were not any violations from the May 17, 2013 PADEP inspection. The last thing in this section was a copy of the certification that was recently issued by the Wildlife Habitat Council to the Lanchester Landfill as a Conservation Education Site. Mr. Watts said through Ms. Nichols efforts we have achieved a higher level of certification. Ms. Nichols continues to work towards their highest certification – Corporate Lands for Learning.

6. Facility Engineer's Report. (ORE)

A. Monthly Activity Report: The Monthly Engineer's Report for June 2013 was presented to the Board. The following items were discussed.

- Construction work on the Area E, Stage 1B contract remained in progress during the period.
- The Agreement for the Area E, Stage 2 & Cell D3 Alternative Cover Construction project was fully executed on May 31, 2013. A Notice to Proceed dated June 3, 2013 was prepared and sent to the Contractor. A Pre-Construction Meeting was conducted on Wednesday, June 5, 2013. During the Pre-Construction Meeting, the Contractor suggested some possible design modifications to the Municipal Site landfill gas system modifications. A submittal for the possible design change was received on or about June 7, 2013. If the design modifications prove to be technically feasible, the Authority will realize some degree of cost savings. The submittal and the potential amount for cost savings is under review. The date established for the start of the contract time is Monday, June 10, 2013. Additional details concerning construction progress can be found in the Project Status Report dated June 12, 2013.
- Survey tasks performed during this period included: ongoing survey assistance concerning the limits of buried woody waste at the former compost area; and completion of the survey documents needed for the Annual PADEP Report for 2012. Ludgate was also in contact with NCCMA's engineer, Ed Spayd, during the period. Mr. Spayed indicates that the current POTW is permitted for an average daily flow (ADF) of 0.60 million gallons per day (MGD). During 2011 the ADF was 0.48 MGD. The three month maximum flow during 2011 was 0.58 MGD, so the POTW is very close but not yet at permitted capacity. It appears that NCCMA is in the process of setting new non-domestic waste discharge standards and application forms.

- On or about May 28, 2013, the ARM Group was asked prepare a 2013 Capital Plan Update that considers the Area E final contours and cover plan. The Authority's current capital plan only considers the Area D contours and cover plan. The Capital Plan Update is needed in order to consider: access roadways; filling sequence planning; final cover system phasing; and budgetary planning. A purchase order was issued in the amount of \$9,692. Additional details concerning ARM's activities and assignments can be found in ARM's Monthly Status Report dated June 13, 2013.
- On or about May 31, 2013, SCS Engineers was asked to develop conceptual plans for landfill gas system improvements to be constructed later this year. A purchase order for this task was issued in the amount of \$4,000. On June 11, 2013, SCS delivered the final record drawings for the Area B, LFG system modifications needed for the cover system removal.
- On or about June 6, 2013, Sanborn Head and Associates (SHA) delivered the Annual Leachate Recirculation Report. This Report is a requirement of the Annual PADEP Report for 2012. Landfill Gas Manager Management Suite™ services remain in progress.
- On May 30, 2013 I received a Request to Examine Authority Records from Brent Gallagher of the Harnden Group. Mr. Gallagher asked to review the bids submitted by Severson Environmental Services, Kinsley Construction, and Penn E&R under the Pennsylvania Right to Know Law. Mr. Gallagher's request was granted and I met with him on June 5, 2013 for his document review.
- On June 13, 2013 I participated in the orientation meeting for the new Host Municipal Inspectors.
- During this period I updated the Closure Construction Table and Closure Implementation Report needed for the 2012 Annual PADEP Report. This task was completed on June 11, 2013.
- The Certification Report for the 2012 LFG Collection System Expansion Project was completed during the period and submitted to the PADEP on May 24, 2013. The Report remains under PADEP review.

B. ARM Group – Monthly Status Report: A copy of the Monthly Status Report from the ARM Group dated June 12, 2013 was presented to the Board for review. The report indicates that during this period \$6,547 was billed on the basis of time and expenses for construction phase engineering services for Area E, Stage 1B. About \$1,059 was billed on the basis of time and expenses for the construction phase services for the Area E, Stage 2 and Alternative Cover System Project.

C. Area E, Stage 1B – Construction Status Report: The Monthly Construction Progress Report dated June 18, 2013 concerning Area E, Stage 1B was presented to the Board. The work completed by the Contractor, Kinsley Construction during this period was listed in the report. Payment Application No. 10 was submitted in the amount of

\$756,546. A favorable contract adjustment of \$494,424 is being projected, subject to survey verification. Two photographs showing construction progress were attached to the report. A copy of Contract Change Order No. 1 was also attached to the Report. This Change Order is needed to extend the contract time by ten calendar days due to changed condition found at the Mountain Top Landfill. It was recommended that the Board authorize Change Order No. 1. A motion to approve the Change Order was made by Joel Martin with a second by Peter Marroletti. The motion passed.

D. Area E, Stage 2 & Alternative Cover – Construction Status Report: The Monthly Construction Progress Report dated June 18, 2013 concerning Area E, Stage 2 and the Alternative Cover System was presented to the Board. The Preliminary Schedule submitted by the Contractor, Severson, is projecting the potential for early completion. A conceptual value engineered proposal concerning modifications to the MTLF gas collection system was submitted by Severson and remains under review and discussion. Severson has estimated a cost savings to the Authority of about \$42,000. This amount remains subject to preparation of a more detailed design concept which is currently in progress. In response to the Severson proposal, the Staff will continue to pursue the potential for cost savings.

E. Correspondence From Cohen Seglias Dated June 19, 2013: The Board adjourned to executive session at 6:00 pm to discuss a matter of potential litigation involving a letter from the Cohen Seglias law firm on behalf of Penn E&R and the response from the Solicitor. The Board returned to Regular Session at 6:08 pm and took no further action.

7. Water Management’s Report. (GAL)

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

MAY HIGHLIGHTS:

- May 2013 landfill leachate 306,415 gallons (includes gas condensate)

Leachate by area breakdown:

Area C	43,099 gallons
Area B	111,322 gallons
Area D	138,977 gallons
Granger gas condensate	13,017 gallons

- May 2012 landfill leachate 497,900 gallons
- May 2012 Rainfall 4.16”
- May 2013 Rainfall 2.84” 11 days of measurable rainfall

LEACHATE INVENTORY UPDATE: (As of June 13, 2013)

T-101 Leachate Storage Tank	- 285,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 277,500 gallons	capacity – 850,000 gallons

T-100 Equalization Tank - 100,000 gallons capacity – 110,000 gallons
 Total Leachate Inventory - 662,500 gallons capacity –1,810,000 gallons

Total percent of storage utilized - 36 %

LEACHATE COLLECTION SYSTEM:

Currently the Leachate collection system is 100% operational. Monthly maintenance is being performed, cleaning strainers on pumps and paddle wheels on flow meters.

RECIRCULATION SYSTEM

- 178,000 gallons was recirculated into the recirculation blankets.

Recirculation to date: 6/1/2013

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>
A	This trench has reached capacity	
B	This trench has reached capacity	
C	This trench has reached capacity	
D	This trench has reached capacity	
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	177,310	1,250,000
2	182,220	1,250,000
3	184,900	1,250,000
4	190,880	1,250,000
Total	734,800 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

The UFRO is running good. The plant treated 82,642 gallons during May with an average of 3,000 gallons per day with minimal downtime.

We are currently trying to get a response from Dynatec as to whether they will test and repair if possible the four (4) compromised UF Modules.

GROUND WATER INVENTORY UPDATE: 6/13/2013

- Ground Water Storage Pond – 660,000 gallons 82.5 % of capacity
- The Ground Water Storage Pond Outfall 101 maintained a manageable level during May 2013 no discharge to Outfall 001.

- Total Ground Water received for May 2013 – 67,520 gallons.
- Contractors are using water from the groundwater storage pond for onsite dust control.

NPDES PERMIT COMPLIANCE:

NPDES PERMIT DMR PA 0082791 for Outfall 001,100, and 101 CONESTOGA RIVER dated May 27, 2009 – The NPDES DMR Outfall 001, 100 and Outfall 101 for May 2011 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 Storage Pond, was discharged to (Outfall 001). A total of 0 gallons was discharged to the Conestoga River (Outfall 001) during May 2013.

8. Compliance Officer’s Report. (TAD)

A. Monthly Activity Report: Ms. Devine mentioned that draft annual ground water report for 2012 has been received and is under review. Ms. Devine also mentioned that the second quarter sampling event has been completed and results have been received and will be reviewed.

Ms. Devine reported that there were no radiation alarms since the last meeting.

Ms. Devine reported that she was able to collect storm water samples on Friday June 7th. The analysis will include a few extra parameters required for the NPDES permit renewal application. Results are expected soon.

Ms. Devine mentioned there were a couple of groups here for tours in the last month. The “sweet water hunt” book club, Owen J. Roberts High School and a woman and two small children were all here for tours. The one young child had an interest in trash due to the movie Toy Story 3 in which the characters get thrown in the trash and wind up at an incinerator.

Ms. Devine also told the Board that she spoke with someone from a local veterinarian hospital on how to instruct people who must administer meds via injection to properly dispose of the sharps.

Ms. Devine also reported that she has been working on compiling the Annual Operations Report that is due to DEP by June 30th.

9. Recycling Coordinator’s Report (NJF)

A. Monthly Activity Report: Mr. Watts said Ms. Fromnick was on vacation so he would be giving her report tonight. Mr. Watts said most of her meetings and correspondence was routine. Mr. Watts said she had recently received the paperwork to start processing the grant we had received for partial payment of the recycling equipment

that was purchased last year. Mr. Watts said her memo to Municipal Recycling Coordinators reminding them that Chester County was no longer licensing waste haulers and they should not have haulers picking up yard waste with a bulk pickup day. There were two recent news articles included in her section.

10. Business Manager's Report. (JMG)

A. May 2013 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for May 2013, indicating that the tonnage of 27,806.20 was 2.0% under budget and was lower than May 2012 by 4.0%.

B. May 2013 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding increased from 33.72 days in April 2013 to 37.78 days in May 2013. Mr. Gorney stated the primary contributor to the increase in day's sales outstanding was Waste Management with checks that were issued but have not yet been received. In addition, A.J Blosenski slipped 1 week. There are no other major problems to report.

C. May 2013 Financial Statement: Mr. Gorney presented the Financials for May 2013 stating that we had a gain of \$547,820 for the month. Retained Earnings are at \$53,618,889. The funds invested totaled \$45,824,572.14 at month end. The interest earned in May 2013 was at a rate of 0.21%. Mr. Marroletti made a motion to accept the May 2013 Financials as presented; Mr. DiLiberio seconded the motion. The motion was carried by a unanimous vote.

D. May 2013 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for May 2013 totaled \$759,014.49. Mr. Carosella made a motion to accept the Check Register Report as presented; Mr. Martin seconded the motion. The motion was carried by a unanimous vote.

E. Large Dollar Check Approvals: Mr. Gorney presented the June 2013 Large Dollar invoices totaling \$1,357,205.50 consisting of the attached schedule 10E. Mr. DiLiberio 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. Area E Phase 2 Construction Funding: Mr. Gorney presented the resolution as follows.

RESOLUTION – 1 – 2013
Resolved by the Chester County Solid Waste Authority of Chester County, Pennsylvania, that

Whereas, the current phase II of Area E construction is under contract, a Resolution to transfer the funds from the Revenue Fund to the Area E Construction Fund to provide funds for completion of this new

phase of construction. The amount of the construction cost required under the new Phase II of the contract is \$14,816,286.00 which includes \$478,659.00 with ARM for RPR & CQA and \$14,337,627.00 with Severson for construction as adopted on May 23, 2013 by the Chester County Solid Waste Authority of Chester County (CCSWA), Pennsylvania. The balance of the Area E Construction Fund at April 30, 2013 is \$10,542,091.00 which is \$4,274,195.00 under the contractual amount of \$14,816,286.

The unreserved balance of the construction cost required under the new contract is \$4,274,195.00 is to be provided by four (4) transfers of \$1,068,549 in the year 2013 adopted on June 20, 2013 by the **Chester County Solid Waste Authority of Chester County (CCSWA), Pennsylvania.**

Adopted this 20th day of June 2013

Mr. Gorney recommended the acceptance of the resolution for full funding of the Area E Construction Fund. Mr. Marroletti made a motion to accept the Check Register Report as presented; Mr. DiLibero seconded the motion. The motion was carried by unanimous vote.

G. Proposed Defined Contribution Plan: Mr. Gorney presented the schedule of Board contributions to the Defined Contribution Pension Plan and recommended the acceptance of the contribution of 12% to the Defined Contribution Pension Plan for the first half of 2013. Mr. Marroletti made a motion to accept the Check Register Report as presented; Mr. Carosella seconded the motion. The motion was carried by a unanimous vote.

The meeting was adjourned at 6:50 P.M.

Prepared by,
Peggy A. Cunius