

CHESTER COUNTY SOLID WASTE AUTHORITY

Combined Work Session & Regular Meeting — Lanchester

February 21, 2013

- 1. Call to Order:** Bob Schoenberger, Chairman, called the February 21, 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
William H. Shirk
Peter Marroletti
Vince Carosella

Authority Members Absent

Ramsey G. DiLibero

Management and Staff Present

Robert A. Watts
James M. Gorney
Owen Esterly
Gary Laird
Teresa A. Devine
Nancy Fromnick

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman said he had no announcements. Joel Martin for Caernarvon Township was in the audience.

- 3. Meeting Minutes:** The minutes of the *Work Session Meeting* of January 24, 2013 and the *Regular Session Meeting* of January 31, 2013 are in the Board Book for approval at the *Work Session Meeting* next month.

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

A. Monthly Activity Report: Mr. Watts said he would like to discuss a few items contained in his monthly report in Section 4A. Mr. Watts said there was some correspondence this month from the Northwestern Chester County Municipal Authority. Mr. Watts said their Engineer completed a study of some of their pump stations and pipes to see if they could accommodate the extra flow from Lanchester. The report identified concerns with two pump stations, old pipes and high flows after storm events. It was agreed at their monthly meeting Wednesday night that they would continue to work with CCSWA on permitting issues while; they have another study commissioned by their engineers to determine the most cost effective way to solve the problems and add the Lanchester flow. Mr. Watts said we received a thank you letter from the PADEP due to our participation in the Keep Pennsylvania Beautiful Program last year. We have signed up to participate again this year. Mr. Watts said he recently meet with a homeowner from Reservoir Road that is planning to put their house on the market soon. Mr. Watts said all but one of the rental houses is rented. Mr. Watts said one of the Area E properties recently sold and a second is planning an auction in April.

B. Senior Staff Memos: Mr. Watts said the Board members could read the Senior Staff Meeting Minutes contained in Section 4B at their leisure and they could contact him if they had any questions.

C. Solid Waste News: Mr. Watts said the first two articles in this section were from the February Caernarvon Township Board of Supervisors Meeting. The next article was concerning the purchase of the Harrisburg Authority by Lancaster Authority and how they are planning to work with Columbia Borough to increase the electrical revenue. Mr. Watts said PA American was in this section because they are converting some of their fleet of trucks to run on CNG. Mr. Watts said he just received an invitation today to the ribbon cutting of Waste Management's newest CNG plant in Bristol, PA.

D. Thank You Letters: Mr. Watts said this section contains a copy of the thank you for the PADEP for our participation in last year's Great American Cleanup of PA.

E. Chester County Waste Destinations 4th Quarter of 2012: Mr. Watts said there was an over 10,000 ton decrease in the 4th quarter of 2012 when compared to 2011. Mr. Watts said there were few surprises in the numbers – only that C&D volumes were down almost 6,000 tons year to year. Mr. Watts said the last spreadsheet in this section was generated as a result of him looking at the tonnages as published by the PADEP. Mr. Watts suspected there were some errors in the published numbers. Mr. Lozenski after reviewing the data; determined that some of the alternate daily cover for the last three years was mistakenly given a Chester County origin. Mr. Lozenski reported the changes to the PADEP and since all fees were paid in a timely manner they said the matter was closed.

5. Operations/Site Development Report.

A. Monthly Activity Report: Mr. Watts said the landfill gas flow has been in the 2,900 CFM range and with the newly drilled wells being added and the weather warming we expect to pick up a few hundred more CFM soon. We recorded 4.85" of rain for January. Mr. Watts said our contractor is back at work with the warmer weather removing the plastic cap and the soil that is on top of the Area B Landfill in preparation

of Area D overfilling. The USDA Wildlife Services continues to harass the gulls and it has been effective in reducing their number on site. Mr. Watts said the new track loader and dozer that are in the budget have been ordered. We are having a contractor install a fence around the IU Landfill to contain the sheep and goats. The cost to cover a ton of waste was \$0.84 per ton due to receiving 1,339 tons of ash for the month that was used as daily cover. The PADEP monthly inspection report from February 1st was at the end of this section. Mr. Watts said there were no violations or problems noted on the report.

6. Facility Engineer's Report. (ORE)

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

- Construction work on the Area E, Stage 1B Construction Project remained in progress during the period.
- On January 22, 2013 I conducted the pre-construction meeting for the 2012 Landfill Gas Collection System Expansion. Construction work began on or about February 1, 2013. Drilling and construction of the eleven new LFG extraction wells has been completed. The lateral connections remain in progress. The contract amount for the project is \$151,409.
- The bidding phase for this project Area E, Stage 2 & Cell D3 Alternative Cover Construction is to begin on March 4, 2013. Bids are to be received on April 12, 2013. The target date for the contract award is April 25, 2013.
- Survey tasks performed during this period included: completion of the field survey for the Annual Report; preparation of draft drawings for the Annual Report; and preparation of the record drawings of the recently installed I.U. Site fence.
- Services to prepare the Annual Leachate Recirculation Report remain in progress.
- Draft design documents Area E, Stage 2 & Cell D3 Alternative Cover were received from ARM on January 30, 2013. These documents signify the 90% completion milestone of the design phase. The final design progress meeting with ARM was held on February 13, 2013. Final comments and questions concerning the documents were discussed with ARM at that time.
- The Request for Proposals for the Area E, Stage 2 & Cell D3 Alternative Cover RPR and CQA Services remained in progress during this period.

B. ARM Group – Monthly Status Report: A copy of the Monthly Status Report from the ARM Group dated February 12, 2013 was presented to the Board for review. The report indicates that the Area E, Stage 2 design phase is 90% complete.

C. Area E, Stage 1B – Construction Status Report: The Monthly Construction Progress Report dated February 13, 2013 concerning Area E, Stage 1B was presented to the Board. The total payment due for the period ending January 31, 2013 is \$286,754. The balance to finish (plus retainage) is \$3,230,374. The total contract amount for this project is \$5,638,855.

D. SCS Engineers – Monthly Status Report: The Monthly Progress Report dated February 13, 2012 from SCS Engineers was presented to the Board for review.

7. Water Management’s Report. (GAL)

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

JANUARY HIGHLIGHTS:

- January 2013 landfill leachate 581,879 gallons (includes gas condensate)
 Leachate by area breakdown:
 Area C 172,622 gallons
 Area B 165,406 gallons
 Area D 239,302 gallons
 Granger gas condensate 4,538 gallons
- January 2012 landfill leachate 498,725 gallons
- January 2012 Rainfall 2.56”
- January 2013 Rainfall 4.82”

LEACHATE INVENTORY UPDATE: (As of February 15, 2013)

T-101 Leachate Storage Tank	- 312,500 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 305,000 gallons	capacity – 850,000 gallons
<u>T-100 Equalization Tank</u>	<u>- 100,000 gallons</u>	<u>capacity – 110,000 gallons</u>
Total Leachate Inventory	- 717,500 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 39 %

LEACHATE COLLECTION SYSTEM:

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 192,000 gallons was recirculated into the recirculation blankets.

Recirculation to date: 2/1/2013

<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		

Blanket #	Recirculated (gal)	Maximum gallons/year
1	42,100	1,250,000
2	38,500	1,250,000
3	53,400	1,250,000
4	58,000	1,250,000
Total	192,000 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

The UFRO ran good during the Month of January producing 90,017 gallons of permeate with a 28 day average of 3,215 gallons per day.

GROUND WATER INVENTORY UPDATE: 02/15/2013

- Ground Water Storage Pond – 480,000 gallons 60 % of capacity
- The Ground Water Storage Pond Outfall 101 maintained a manageable level during January 2012 with a managed discharge to Outfall 001.
- Total Ground Water received for January 2012 – 83,448 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 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 229,053 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 229,053 gallons was discharged to the Conestoga River (Outfall 001) during January 2013.

8. Compliance Officer’s Report. (TAD)

A. Monthly Activity Report: Ms. Devine informed the Board that the ground water monitoring work continues as required.

Ms. Devine reported that there were two radiation alarms since the last meeting. One was household waste from West Chester and the isotope was I-131. The second load was WWTP sludge from East Goshen Township. The isotope was identified as I-131. Both loads were landfilled. Mr. Marroletti questioned how the sludge is radioactive due to the volumes of water and waste that go through a plant. Some discussion ensued.

Ms. Devine mentioned that the AIMS, GHG and Semiannual NSPS and Title V reports are all due by March 1st and are in the process of being completed. Ms. Devine also informed the Board the annual Title V Compliance Certification was submitted to DEP and EPA on Jan. 28th.

Ms. Devine also informed the Board she and Owen had saved a screech owl that was

caught up in the litter fence netting. The bird was cut free of the netting and he flew away apparently unharmed.

Ms. Devine reported that she accompanied the DEP inspector on an inspection on Friday February 1st.

Ms. Devine also mentioned that she has started to research information on delisting the IU Site leachate.

9. Recycling Coordinator's Report (NJF)

A. Monthly Activity Report: Ms. Fromnick provided a list of meetings and events attended during the past month.

B. Correspondence: In - Among the items listed: The CCSWA received a DEP reimbursement check totaling \$19,057.24 of which \$17,378.08 goes to the County and \$1,679.15 belongs to the CCSWA. The Shredding Agreement was received and is scheduled for April 6. The CCSWA has been awarded a DEP grant of \$250,000 for the compost turner and the County \$43,439 for the recycling truck and collection equipment. The CCSWA received \$1,940 under the 2011 DEP Act 101 Section 904 Performance Grant and the receipt of many 2012 recycling reports from haulers, processors, businesses, municipalities etc. **Out** – A list of items were provided.

C. Projects: Ms. Fromnick provided a list of projects. Of particular note: 2012 Annual Report, 2013 HHW Collection Program Site Development, HHW Application Preparation and the scheduling and preparation for many Spring events.

10. Business Manager's Report. (JMG)

A. January 2013 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for January 2013, indicating that the tonnage of 24,699.55 was 7.1% over budget and was lower than January 2012 by 0.9%.

B. January 2013 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding decreased from 32.93 days in December 2012 to 32.59 days in January 2013. Mr. Gorney stated that there are no major problems to report.

C. January 2013 Financial Statement: Mr. Gorney presented the final Financials for January 2013 stating that we had a gain of \$433,782 for the month. Retained Earnings are at \$52,170,988. The funds invested totaled \$44,714,610.60 at month end. The interest earned in January 2013 was at a rate of 0.26%. Mr. Carosella made a motion to accept the January 2013 Financials as presented; Mr. Knipe seconded the motion. The motion was carried by a unanimous vote.

D. January 2013 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for January 2013 totaled \$1,853,070.96. Mr. Shirk made a motion to accept the Check Register Report as presented; Mr. Carosella seconded

the motion. The motion was carried by a unanimous vote.

E. Large Dollar Check Approvals: Mr. Gorney presented the February 2013 Large Dollar invoices totaling \$511,363.74, consisting of the attached schedule 10E. Mr. Marroletti made a motion to accept the Large Dollar Invoices as presented; Mr. Shirk seconded the motion. The motion was carried by a unanimous vote.

F. Collateral Bond Rollover - \$3,638,000.00: Mr. Gorney presented the rollover for the \$3,444,000.00 @ 3/31/13 in U.S. Treasury Notes. Mr. Marroletti made a motion to approve the Resolution as presented; Mr. Knipe seconded the motion. The motion was carried with a unanimous vote.

The meeting was adjourned at 6:28.

Prepared by,
Peggy A. Cunius