

CHESTER COUNTY SOLID WASTE AUTHORITY

Combined Work Session & Regular Meeting — Lanchester

November 17, 2011

- 1. Call to Order:** Bob Schoenberger, Chairman, called the November 17, 2011 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 Marroletti
Ramsey G. DiLibero
Peter Knipe
Carmen Battavio

Authority Members Absent

William H. Shirk
Vince Carosella

Management and Staff Present

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

Solicitor

Vincent M. Pompo, Esquire

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

The Chairman said that presentations by the Brandywine Valley Association and the Garden Spot High School Lacrosse Coaches would go first tonight.

The Chairman said after discussions with Commissioner Costello that the County would like CCSWA to double the payment in 2012. Mr. DiLibero moved and Mr. Battavio seconded doubling the quarterly payments to Chester County for the year 2012 for a total annual payment of \$1.6 million dollars. After some discussion the vote was unanimous.

- 3. Meeting Minutes:** Mr. DiLibero moved and Mr. Battavio seconded that the minutes of the October 20, 2011 *Work Session Meeting* and the October 27, 2011 *Regular Session Meeting* be approved. The vote was unanimous.

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

A. Monthly Activity Report: Mr. Watts said he would like to highlight a few items from his report. Mr. Watts said he attended SWANA's Landfill Symposium recently and picked up some good ideas. Mr. Watts thanked the Board for the opportunity to attend the Symposium again this year. Mr. Watts said he had two meetings this month working with the Chairman and the Solicitor preparing information for the County Commissioners to consider updating the Authority's Charter. The proposed change would allow for solid waste operations at other locations in the County. Mr. Watts said our contractor was planning to complete dam maintenance at 279 Bootjack Road in December. Mr. Watts said the two houses that were broken into were alarmed, repaired and soon to be rented.

B. Senior Staff Memos: Mr. Watts said the Board members could read the Senior Staff Meeting Minutes contained in Section 4B at their leisure. Mr. Watts said he would be glad to answer any questions later.

C. Solid Waste News: Mr. Watts said the first article in this section was concerning a lost \$10,000 wedding ring that was found in a load of waste after it was delivered to a waste to energy plant. The next article was concerning Best Buy is no longer charging for taking back electronics. In this section was an article that Albany, NY is considering a \$60 million pyrolysis plant and Allentown is considering a \$30 million sewage to energy plant. There were a few articles in this section concerning the Honey Brook Supervisors campaign articles. The official results show that John McHugh will be the next Supervisor. There was an advertisement in this section for a West Grove net-zero-energy co-housing community.

D. Implementation Committee Minutes 9/20/2011: This section contains a copy of the minutes. The only item of significance was that the committee agreed to update the Chester County Solid Waste Plan by adding three landfills as backup facilities. Two of the facilities that had asked to be added to the plan declined when asked to share the cost of the update.

E. CFA of PA Executive Summary of The Grant Application-Solar: This section contained a copy of the Executive Summary of the application. The total project cost is projected to be \$2,887,500 and the grant request was for \$712,500. Also in this section were letters of support from Salisbury and Caernarvon Townships. This section also had a copy of the sign in sheet for the pre-proposal meeting for the License for Photovoltaic Project which had over 15 companies represented.

F. Transportation Compliance Plan Update: This section contains a copy of the entire plan including the proposed addition of section A.6. which requires high visibility clothing, puncture resistant shoes and hard hats at the active area of the landfill. Mr. Marroletti moved and Mr. Battavio seconded approving the updated plan. The vote was unanimous.

G. Personnel Handbook Update: Mr. Watts reviewed the proposed changes. The Board said they would comment at the December meeting.

H. Charter Change: Mr. Watts said this section contains a copy of the Authority's Charter, By-Laws and suggested language for charter change. The Board said they would comment on this material at next month's meeting.

I. Third Quarter Chester County Waste Destinations: Mr. Watts said the PADEP did not publish this information yet and he plans to have it next month.

J. Hosted Phone Systems Proposers: This section contains a list of the names and locations of the eight companies that submitted proposals. Mr. Watts said he hopes to have a recommendation at next month's meeting.

5. Operations/Site Development Report.

A. Monthly Activity Report: Mr. Watts said our landfill gas flows have been about 3,000 cfm. Mr. Watts said we recorded almost 4 inches of rain in October. Mr. Watts said our contractor processed over 800 tons of wood waste in October. Mr. Watts said only the hand written PADEP inspection was available and included in this section. The PADEP inspection did not report any issues.

6. Facility Engineer's Report. (ORE)

A. Monthly Activity Report: The Monthly Engineer's Report for November 2011 was presented to the Board. The following items were discussed.

- Work completed on the Flare Station Relocation Project during this report period included: connection to the new power supply; installation of the new instrumentation and controls; installation of new condensate piping and drain; installation of the stone surfacing. Start-up of the equipment is scheduled to begin on or about Wednesday, August 16, 2011. Lighting the flare stack is scheduled for on or about Friday, November 18, 2011. The contract price for this project is \$491,904.

- During this report period the submittal and review process remained in progress. Work progress included: surveying; clearing and grubbing; stripping top soil and bulk excavation at; Pond 3; and installation of poles for new electric and communications lines. The contract quantity for clearing and grubbing was estimated at 8.05 acres. The current measured quantity based on field survey is 9.55 acres. The total contract price for this project is \$3,986,861. The first application for progress payment has been received with a current amount due of \$128,952. Discussions, emails and submittals concerning contract provisions for the use blasting and on-site disposal of

rock as a “Substitute Methods or Procedures” have been ongoing. Unfortunately the submittals have not demonstrated equivalency or satisfied the contract requirements. These findings have been communicated to the Contractor by me and the ARM Group. On or about November 15, 2011 the Harndon Group submitted a letter to explain the matter and the nature of their bid.

- As of November 14, 2011, Drillmore Construction reports that the installation of approximately 500 feet of perforated 6-inch horizontal collection pipe work remains to be completed on The cell D2 LFG System Expansion. Drillmore also reports that all work should be done before the end of November 2011. The total proposed cost of work is \$252,066.
- Ludgate Engineering reports the following activities during the period: as-built surveying of Cell D2 LFG system expansion; review the Area E topographic data; preparation of a proposal for fencing the I.U. Site. Concerning the public water and sewer extensions: all the environmental clearances are now in hand; the route survey is completed; the E&S / NPDES plan and narrative is in progress: the pumping station plans and report are in progress; the Preliminary Design Report is scheduled for delivery before the end of November.

B. ARM Group – Monthly Status Report: A copy of the Monthly Status Report from the ARM Group dated November 14, 2011 was presented to the Board for review.

C. SCS Engineers – Monthly Status Report: A copy of Monthly Progress Report No. 17 from SCS dated November 15, 2011 was presented to the Board for review. SCS

D. Barton & Loguidice – Monthly Status Report: A copy of the Monthly Status Report form Barton & Loguidice dated November 15, 2011 was presented to the Board for review.

E. Flare Station Relocation: Change Order Request No. 3 for the Flare Station Relocation was presented to and reviewed with the Board. The request includes the cost of replacing about 20 square feet of refractory and the elimination of touch-up painting. A change order will be prepared. A net contract adjustment of approximately \$9,600 is expected. The Contractor will also be eligible for an incentive payment due to early completion.

F. Area E, Stage 1A Construction: The letter dated November 15, 2011 from The Harndon Group was presented to the Board. Two construction schedules were attached to the letter. The letter requests permission to use blasting and on-site disposal of rock excavation from Ponds 1 and 3. The documents were discussed. After the discussion the Board directed that a response letter immediately be sent to Handon Group. The Board has no interest in the request.

7. Water Management’s Report. (GAL)

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

OCTOBER HIGHLIGHTS:

- October 2011 landfill leachate 451,129 gallons (includes gas condensate)
 Leachate by area breakdown:
 - Area C 61,230 gallons
 - Area B 110,072 gallons
 - Area D 251,103 gallons
 - Granger gas condensate 28,724 gallons
- October 2010 landfill leachate 1,118,808 gallons
- October 2011 Rainfall 5.12”

LEACHATE INVENTORY UPDATE: (As of November 16, 2011)

T-101 Leachate Storage Tank	- 480,000 gallons	capacity – 850,000 gallons
T-115 Leachate Storage Tank	- 457,500 gallons	capacity – 850,000 gallons
T-100 Equalization Tank	- 98,000 gallons	capacity – 110,000 gallons
Total Leachate Inventory	- 1,035,500 gallons	capacity –1,810,000 gallons

Total percent of storage utilized - 56 %

LEACHATE COLLECTION SYSTEMS

Currently the Leachate collection system is 100% operational.

RECIRCULATION SYSTEM

- 284,500 gallons was recirculated during the month of October 2011. Recirculation for the month was into the leachate trenches.

Recirculation to date: 11/1/2011

<u>Trench #</u>	<u>Recirculated (gal)</u>	<u>Maximum (gal)</u>	
A	-----	-----	This Trench is closed
B	-----	-----	This Trench is closed
C	1,807,623	1,888,720	
D	1,728,129	1,783,398	
E	1,760,450	2,631,930	
F	2,974,144	3,682,875	
G	3,105,225	5,066,750	
H	1,273,133	5,687,500	
Total	13,741,455 (gal)	21,681,836 (gal)	

Remaining Trench Capacity – 8,088,546 gallons

<u>Blanket #</u>	<u>Recirculated (gal)</u>	<u>Maximum gallons/year</u>
1	632,561	1,250,000
2	583,830	1,250,000

3	661,439	1,250,000
4	642,333	1,250,000
Total	2,448,703 (gal)	5,000,000 (gal)

LEACHATE TREATMENT PLANT (UFRO SYSTEM)

The UFRO Treatment System is currently operational. The UF system is operating at an average of 6.6 gpm and the RO system is operating at an average flow rate of 7.8 gpm during the month of October. The plants 31 day average is approximately **2,782 gpd.**

The RO unit produced – **86,241** gallons of permeate during October 2011

MONTHLY COST ESTIMATE	\$4,067.78
Monthly Electric	\$2,287.66
Total	\$6,355.44
Cost Per Gallon	\$0.07

Ultra Filtration Upgrade Project – Contract has been received, signed and a Notice to Proceed has been issued.

GROUND WATER INVENTORY UPDATE: 11/1/2011

Ground Water Storage Pond – 692,300 gallons 86 % of capacity

The Ground Water Storage Pond maintained a manageable level during October 2011 with a constant discharge to Outfall 001.

Total Ground Water received for October 2011 – 917,397 gallons.

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 October 2011 will report 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 893,600 gallons of groundwater (Outfall 101) Ground Water Storage Pond, was discharged to (Outfall 001). A total of 893600 gallons was discharged to the Conestoga River (Outfall 001) during October 2011.

8. Compliance Officer’s Report. (TAD)

A. Monthly Activity Report: Ms. Devine reported there was one radiation alarm since the last meeting. The load was household waste from Upper Uwchlan Township and the isotope was identified as I-131. The load was landfilled.

Ms. Devine reported that on Oct. 27th she accompanied John Pollock, DEP inspector, on a site inspection. There were no issues as a result of the inspection.

Ms. Devine also reported she had a phone conversation with a neighbor said she heard a

rumor that the Authority was planning on condemning the properties in her neighborhood along Shirktown Road. I told her it was just a rumor.

Ms. Devine also reported that a group from F & M College was here on Nov. 14th for a site tour.

9. Recycling Coordinator's Report (NJF)

A. Monthly Activity Report: Ms. Fromnick provided a list of meetings and events attended during the past month. Of note: The October 19 HHW meeting members reviewed and discussed responses to the E-Waste RFP and will choose the service provider for 2012. The Reeceville Elementary 540 student assembly successfully led to the development of a school-wide recycling program including hard-to-handle cafeteria waste. Ms. Fromnick coordinated the Chamber Longwood Gardens tour, confirming their Green Business Award status. Ms. Fromnick hosted a workshop for newly mandated municipalities and other municipalities not yet in compliance. Ms. Fromnick continues to meet with those unable to attend and those needing assistance in filing 904 grant applications.

B. Correspondence: Among the items listed the following were noted: Highland Township requested an HHW Agreement and Penn Township received a packet for newly mandated municipalities.

C. Projects: Ms. Fromnick provided a list of projects. **Attachments:** The Trash/ Recycling Cost Survey

10. Business Manager's Report. (JMG)

A. October 2011 Monthly Tonnage Report: Mr. Gorney presented the Tonnage Report for October 2011, indicating that the tonnage of 26,279.94 was 3.7% over budget and was higher than September 2010 by 6.9%.

B. October 2011 Accounts Receivable: Mr. Gorney stated that receivables day sales outstanding decreased from 39.65 days in September 2011 to 37.53 days in October 2011. Mr. Gorney stated that the decrease was due to faster payments from several larger accounts.

C. October 2011 Financial Statement: Mr. Gorney presented the Financials for October 2011 stating that we had a gain of \$361,096 for the month. Retained Earnings are at \$48,984,207. The funds invested totaled \$45,011,778.54 at month end. The interest earned in October 2011 was at a rate of 0.44% compared to 0.44% in September 2011. Mr. Battavio made a motion to accept the October 2011 Financials as presented; Mr. Knipe seconded the motion. The motion was carried by a unanimous vote.

D. October 2011 Vendor Check Register Report: The Vendor Check Register was presented to the Board. The checks for October 2011 totaled \$1,549,789.56. Mr. Batta

vio made a motion to accept as presented; Mr. DiLibero seconded the motion. The motion was carried by a unanimous vote.

E. Large Dollar Check Approvals: Mr. Gorney presented the November 2011 Large Dollar invoices totaling \$970,802.35 consisting of the attached schedule 10E. Mr. Battavio made a motion to accept the Large Dollar Invoices as presented; Mr. Marroletti seconded the motion. The motion was carried by a unanimous vote.

F. Collateral Bond Rollover: Mr. Gorney presented the rollover of the \$3,825,000.00 in a U.S. Treasury Notes. Mr. Battavio made a motion to approve the Resolution as presented; Mr. Knipe seconded the motion. The motion was carried with a unanimous vote.

G. Financial Audit Proposals: Mr. Gorney stated that the range of the total cost proposals was from \$19,500 to \$56,900. A full review of the proposals will be completed with a recommendation for Board action at the December Meeting.

H. Financial Plan For 2012: Mr. Gorney presented the preliminary 2012 Financial Plan for review by the Board. The Plan will be on the December combined meeting agenda on November 17, 2011

I. Reimburse Revenue Fund For Equipment Purchases: Mr. Gorney presented (Schedule 10I attached) Transferring \$761,849.00 from the Equipment Fund to the Revenue Fund for equipment purchases in 2011. Mr. Knipe made a motion to approve the Resolution as presented; Mr. Battavio seconded the motion. The motion was carried with a unanimous vote.

The meeting was adjourned at 8:12.

Prepared by,
Peggy A. Cunius