

**OPEN SESSION MINUTES
WINNEBAGO COUNTY BOARD OF SUPERVISORS
SOLID WASTE MANAGEMENT BOARD**

DATE: May 4, 2011

TIME: 9:00 a.m.

LOCATION: Sunnyview Landfill
100 W. County Road Y
Oshkosh, WI

PRESENT: Pat O'Brien, Chairman
Ken Robl, Vice Chairman
Paul Eisen, Secretary
Jerry Finch
Gerald Konrad
Pat Brennand (9:00 a.m. – 10:45 a.m.)
Mike Easker (9:01 a.m. – 11:03 a.m.)
Doug Nelson (9:11 a.m. – 11:03 a.m.)

EXCUSED: David Albrecht

ALSO PRESENT: John Rabe, Director of Solid Waste
Adrienna Kumbier, Solid Waste Secretary
Jim Morris, Landfill Manager
Kurt Pernsteiner, Financial Analyst
John Fink, County Executive Assistant
Chris Anderson, Foth Infrastructure & Environment
Jennifer Semrau, Recycling Specialist (9:00 a.m. – 9:39 a.m.)

1. Call to Order: P. O'Brien called the meeting to order at 9:00 a.m.
2. Approve Agenda: Motion to approve the May 4, 2011 agenda, made by J. Finch and seconded by K. Robl. Motion carried 7-0.
3. Public Comments on Agenda Items: None.
4. Announcements/Communications: P. Eisen informed the Solid Waste Management Board (SWMB) and staff that on May 3, 2011 there was a strong odor at the Sunnyview Landfill around 8:30 p.m. when he was driving home from the County Board meeting. P. Eisen also shared a story about a television program he watched on April 22, 2011 about recycling in Brazil. P. Brennand stated that the Oshkosh and Neenah Drug Drop boxes were mentioned at the County Board meeting last night.
5. Approval of Minutes – April 20, 2011 Open Session: Motion to approve the April 20, 2011 open session minutes, made by P. Brennand and seconded by G. Konrad. Motion carried 7-0.

6. Discussion/Action – Annual Election of Officers: Motion to keep all SWMB officers the same (Pat O'Brien, Chairman; Ken Robl, Vice Chairman; Paul Eisen, Secretary) by J. Finch and seconded by P. Brennand. Motion to close the nomination ballot made by P. Brennand and seconded by G. Konrad. Motion carried 7-0.

7. Discussion – Proposed Governor's Budget (AB-27/SB-40): J. Semrau updated the SWMB on what has transpired with the Governor's proposed budget since the April 20, 2011 SWMB meeting as follows:
 - Since last SWMB meeting, the four (4) Statewide recycling/solid waste organizations (Associated Recyclers of Wisconsin {AROW}, Solid Waste Association of North America {SWANA}, Wisconsin Counties Solid Waste Management Association {WCSWMA} and Council on Recycling {COR}) met with members of the Joint Finance Committee (JFC) to discuss the budget as it relates to recycling on April 21, 2011. J. Semrau (as AROW's President), Chad Doverspike (Brown County, as SWANA's President), Meleesa Johnson (Marathon County, as WCSWMA's Chair) and Rick Meyers (City of Milwaukee, as Chair of Council on Recycling) as well as Amber Meyer Smith (Clean WI, set up all the appointments) and Doug Parrott (WI Counties Association) met with Senator Darling as well as staff from Senator Darling, Senator Kedzie, Senator Olson, Representative Vos and Representative Nygren in Madison.
 - The first meeting was with Senator Darling, one of her staff and the staff person from Representative Vos' office. Senator Darling stated that recycling was being looked at in both caucuses: Senator Hopper was chairing the recycling workgroup in the Senate and Representative Meyer was chairing the recycling workgroup in the Assembly.
 - Key point presented by the four (4) organizations: the full \$7.00/ton recycling surcharge should be used for recycling purposes as intended, but the business surcharge could be looked as a source of funding for economic development.
 - Also on April 21, 2011, the four (4) organizations issued a press release tied to Earth Day: "This Earth Day- Working to Save Wisconsin's Recycling Heritage: Recycling and Solid Waste Organizations Collaborate with Lawmakers to Reinstate Recycling Requirements and Financial Assistance to Local Governments" which was picked up by several state/local media (including WRN, WI Radio Network).
 - On April 27, 2011, Meleesa Johnson and J. Semrau were on the Kathleen Dunn Show on WI Public Radio from 10:00 a.m. – 11:00 a.m. to discuss recycling. M. Johnson and J. Semrau both received a lot of positive feedback.
 - On May 3, 2011 the four (4) organizations, plus Lynn Morgan (Waste Management {WM}) and Jason Johns (National Solid Waste Management Association {NSWMA} represents private sector Solid Waste) were invited by WDNR to meet with them once again and discuss their proposals, what we liked and could agree on; what we didn't like and additional options/alternatives. WDNR staff in attendance: WDNR Deputy Secretary Matt Moroney (for only the first 5 minutes, had another meeting conflict), Air and Waste

Division Administrator Pat Stevens, Bureau of Waste and Materials Management (W&MM) Director Ann Coakley, Recycling Coordinator Cynthia Moore and Bureau of Community Financial Assistance Director Mary Rose Teves.

- All present could agree to change the grant formula to a 'per capita' distribution. The current formula is cumbersome and based on 1999 costs. While there will be RU winners and losers, it was agreed by all that it was simpler and more equitable.
- Earlier in the day the COR met with WDNR alone and voted 3-2 in favor of supporting WDNR's option of a minimum RU size (though they voted on a population of 10,000 as the minimum size, not the 25,000 proposed by WDNR). However, the other statewide recycling/solid waste organizations, WM and NSWMA could not agree with a minimum population size or forced consolidation.
- The four (4) organizations suggested alternatives to forced consolidation which would lessen the burden on WDNR including: a RU self-certification program (as exists for MRFs), mandatory training (as had been previously required in order to receive Clean Sweep grants) and easier to use spreadsheets for cost data submittal. WDNR acknowledged a per capita distribution would significantly reduce workload on the grant process.
- WM also suggested residual from construction and demolition (C&D) MRFs should be exempted from the \$13.00/ton State surcharge fees, considering C&D waste entering a monofill does not pay these fees. It was then suggested that all MRF residual should then be exempt. WM also suggested that the ability of RUs/haulers to not collect cost prohibitive materials should be evaluated and simplified.
- WDNR indicated JFC will likely take up recycling next week and may invite the WDNR to a meeting, and they appreciated meeting and hearing from public and private sector solid waste and recycling industry.
- Finally, the four (4) organizations are hearing: recycling mandate likely to be restored; recycling funding likely to be restored for this biennium (but at a reduced level, perhaps 80%); recycling funding may be phased out after this biennium or the following; JFC/Legislature unlikely to consider any complicated changes to recycling program.
- The four (4) state recycling/solid waste organizations continue to meet weekly (Wednesdays at 10:00 a.m.) to strategize and continue messaging.

J. Finch asked who the two (2) people were that voted against decreasing the RU's minimum population size to 10,000. J. Semrau stated that Rick Meyers, Recycling Specialist, City of Milwaukee and John Reindl, former (retired) Recycling Manager, Dane County voted against the proposal.

Discussion ensued amongst the SWMB about the WDNR RU minimum population options/possibilities.

J. Semrau informed the SWMB that a representative from Governor Walker's office was also at the May 3, 2011 meeting.

8. Discussion – Fox Valley Energy Center Update: K. Pernsteiner summarized Fox Valley Energy Center’s (FVEC) 2011 activity to the SWMB as follows:

<u>Date</u>	<u>Beginning Amount</u>	<u>Current Charges</u>	<u>Invoice Number</u>	<u>Wire Transfer Amount</u>	<u>Payment Date</u>	<u>End Balance</u>
1/1/2011	-15,000.00	8,110.57	LF116931/LF116948	-8,110.57	2/4/2011	-15,000.00
2/1/2011	-15,000.00	8,350.77	LF117003/LF117022	-8,350.77	3/4/2011	-15,000.00
3/1/2011	-15,000.00	1,951.48	LF117087/LF117111	-1,951.48	4/6/2011	-15,000.00
4/8/2011	-15,000.00	-	-	-10,000.00	4/8/2011	-
4/8/2011	-25,000.00	-	-	-14,000.00	4/8/2011	-
4/11/2011	-39,000.00	-	-	-15,000.00	4/11/2011	-
5/1/2011	-2,871.11	51,128.89	LF117180	-12,128.89	5/3/2011	-15,000.00

P. O’Brien asked if FVEC’s tonnage is over the 2011 budgeted amount and K. Pernsteiner stated no.

K. Pernsteiner stated FVEC continues to make their payments/deposits in a timely manner.

Discussion ensued amongst the SWMB.

J. Rabe informed the SWMB that he has had discussions of possible beneficial use of FVEC’s bottom ash/fly ash material the Sunnyview Landfill. More details to follow at a future SWMB meeting.

9. Discussion/Action – Consider Authorization of Engineering Services for 2011 Sequence C-3 Final Cover Construction Project (SW03-11): J. Rabe reminded the SWMB that at the April 20, 2011 SWMB meeting, Mueller Excavating (Mueller) was awarded the construction portion of the project for a total cost of \$943,360.

This engineering project involves providing construction quality assurance (CQA) services for 11.4 acres of final cover over portions of the east & south slopes of the Sunnyview Landfill Co-Disposal site. J. Rabe informed the SWMB that the 2011 Engineering Budget Amount is \$200,000 (Closure).

Foth Infrastructure & Environment (Foth) was previously authorized to prepare the project manual (bidding documents including technical specifications/construction plans), a WDNR plan modification and to provide bidding assistance services for a total cost of \$21,800.

J. Rabe requested CQA services proposals from both Foth and AECOM (formerly STS – with local Oshkosh office). The following summarizes the CQA tasks and approximate proposal amounts:

<u>Task</u>	<u>Foth</u>	<u>AECOM</u>
1. Project Management	18,500	14,000
2. Pre-Construction Report	2,500	~3,500
3. Construction Surveying	5,500	8,000
4. Field Observation	69,000	82,000
5. Laboratory Testing	14,000	~14,000
6. Documentation Report	<u>10,000</u>	<u>12,500</u>
CQA Subtotal	\$118,800	~\$134,000

J. Rabe informed the SWMB that Marty Sturzl from Foth was proposed to be the project manager and certifying engineer on the project. Marty has over 20 years of CQA experience and has been the project manager and certifying engineer for geosynthetic liner (Phases 4, 5 and 6) and final cover projects (Sequence C-2A) at the Sunnyview Landfill. J. Rabe recommended that based on personnel/experience/site familiarity and cost, that the 2011 Sequence C-3 Final Cover CQA services be awarded to Foth at a not to exceed cost of \$118,800.

Motion to authorize Foth for Engineering Services for 2011 Sequence C-3 Final Cover Construction Project (SW03-11) for a not-to-exceed cost of \$118,800, made by P. Brennan and seconded by G. Konrad. Motion carried 8-0.

10. Discussion/Action – Engine/Generator #4 & 5 Waste Heat Recovery System Redesign Project Update and Consider Authorization of Additional Engineering Services: J. Rabe updated the SWMB on engine/generator #4 and 5 waste heat recovery (WHR) system redesign project at the Law Enforcement Center (LEC) as follows:

- Final amount authorized by SWMB to purchase equipment, engineering design of waste heat recovery systems and contracts for installation services is summarized as follows:
 - Inland Power (engine/generator #5 and WHR system) \$998,300
 - Foth (design, construction plans/specs and CQA services) \$93,900
 - Mechanical Technologies (installation services) \$374,100
 - WPS (design/interconnection/construction) \$149,400
- Engine/Generator #5 was ordered in December 2008 and delivered to the site on August 12, 2009. But construction couldn't begin until air construction permit was issued by WDNR in late December 2009 (was delayed 8 months by WDNR – April 2009 permit application was submitted).
- Construction began on January 4, 2010 and was completed on June 8, 2010.
- Start-up/commissioning was completed by Inland in late-April 2010.
- Steam release incident occurred on October 19, 2010 while Foth was testing and modifying the WHR system controls to improve LEC usage of waste heat. The incident involved damage to SWMB and other equipment inside the LEC.

- A Loss Report was filed on December 3, 2010 and the Insurance Company authorized testing and repair work to commence on February 9, 2011.
- Mechanical Technologies began authorized testing work on February 28, 2011. A meeting was held on April 26, 2011 to finalize the equipment and installation repairs required to return system to original conditions (\$12,594 applied toward deductible). Repair estimate of \$24,871 provided to Finance Department on April 27, 2011.
- Meanwhile, Foth has reviewed the current system design after meetings with Facilities Department (Facilities) personnel and their HVAC/absorption chiller design firm. Decision made by SWMB, Facilities and Foth to revise the WHR system design to simplify operation and allow maximum/minimum waste heat use by LEC, without causing engine/generator #4 & 5 operational limitations (would have been issue with current system design during low load needs at LEC – Spring and Fall).
- Foth provided SWMB with proposal for revised engineering design services on April 21, 2011 – total cost of \$69,700.

Discussion ensued amongst the SWMB.

C. Anderson discussed the proposed revisions to the WHR system design for engine/generator #4 and 5 with the SWMB as follows:

- Add “dump” radiators for engine/generators #4 and 5 to dissipate waste heat during limited or no load conditions at LEC
- Change the LEC heat input process and control design
- Provide separation of engine/generators and LEC systems and controls
- Provide a safe operating WHR system

P. O’Brien asked why this design wasn’t initially installed. C. Anderson stated that at the time of the initial design it was unknown that the excess heat could not be dissipated back through the engine/generator radiators. At the start-up/testing of engine/generator #5 by Inland, the WHR system overheated. Inland personnel involved with the engine/WHR system design later explained to SWMB staff and Foth that the main pump glycol needs to be running at all times and 10% of the exhaust heat will always transfer to the heat exchangers (even in full bypass mode). Both factors were not known by Foth or SWMB staff during the original design.

Discussion ensued amongst the SWMB.

P. Eisen questioned how much more money should be spent to keep this a beneficial project. J. Rabe explained that Facilities is in the process of design/purchase of an absorption chiller system to work with our WHR system, and stopping the project now would not make economic sense.

WHR system equipment/construction costs are initially borne by the SWMB, but charged back to Facilities over a 10-year term. Engine/generator #4 WHR system costs were ~\$240,000, and have been billed annually (~\$24,000/year) since 2008. Engine/generator #5 WHR system costs are ~\$400,000 to date, but nothing has been billed until the repairs are complete and the system operates properly.

J. Morris stated that the WHR system does not affect the engine/generator revenue source (power sales) and not utilizing the waste heat is not the responsible thing for the SWMB/LEC to do.

Discussion ensued amongst the SWMB about the pros and cons/costs associated with moving forward with the WHR system redesign project.

G. Konrad asked how long it would take Foth to prepare a preliminary design and determine estimated construction costs for the project, and what Foth's cost is to complete this work. C. Anderson stated the preliminary design is \$10,000 and should take 2 weeks to a month to complete.

P. Eisen stated he would like SWMB staff to find out the status of the absorption chiller and estimated cost from Facilities personnel.

Motion to authorize Foth to move forward with the preliminary design and construction cost estimate at a not to exceed cost of \$10,000, made by D. Nelson and seconded by G. Konrad. Motion carried 6-1 (P. Eisen-Nay).

11. Future Agenda Items: G. Konrad stated that he would like an update on Foth's preliminary design project even if it's not ready to be presented to the SWMB at the next meeting.

12. Set Next Meeting Date: The next meeting date will be May 18, 2011 at 9:00 a.m.

13. Adjournment: Motion to adjourn made by J. Finch and seconded by D. Nelson. Motion carried 7-0. Meeting was adjourned at 11:03 a.m.

Respectfully Submitted,

Adrienna Kumbier
Solid Waste Secretary

Approved by SWMB – May 18, 2011