

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

DATE: August 20, 2014

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
Mike Easker (9:01 a.m. - 9:44 a.m.)
Jerry Finch
Gerry Konrad
Susan Locke
Doug Nelson

EXCUSED: David Albrecht

ALSO PRESENT: John Rabe, Director of Solid Waste
Kathy Hutter, Confidential Secretary
Kurt Pernsteiner, Facility Manager
John Fink, County Executive Assistant
Chris Anderson, Foth Infrastructure and Environment

1. Call to Order: P. O'Brien called the meeting to order at 9:00 a.m.
2. Approve Agenda: Motion to approve the August 20, 2014 agenda, made by K. Robl and seconded by J. Finch. Motion carried 7-0.
3. Public Comments on Agenda Items: None.
4. Announcement/Communications: J. Rabe reported to the Solid Waste Management Board (SWMB) that he, K. Pernsteiner and P. O'Brien attended a budget meeting with the County Executive, Finance Director and County Board Chairman on August 19, 2014. Overall, the meeting went well. C. Orenstein, Finance Director requested that \$300,000 of the Capital Outlay listed as 'Equipment' be moved to 'Improvements', so the entire Leachate System Modification Construction Project is now listed under 'Improvements'. With the \$1.00 per ton increase in the solid waste tipping fee, the final version of the 2014 Budget will show a \$241,586 deficit. The Finance Department will provide Staff with instructions to complete the Highlights page. The final version of the 2014 Budget should be available for review at the next SWMB meeting.

J. Rabe distributed itinerary/registration forms on the upcoming NEWCMG/WCSWMA Fall Conference 2014 to the SWMB members. The conference is scheduled for September 24-25, 2014 in Waupaca. Room reservations are due by September 12, 2014 and registration is due by September 19, 2014. Completed registration forms should be submitted to K. Hutter.

5. Approval of Minutes – August 6, 2014 Open and Closed Session: Motion to approve the August 6, 2014 open and closed session minutes, made by J. Finch and seconded by G. Konrad. Motion carried 8-0.

6. Discussion/Action – Siloxane Removal System Update: J. Rabe reported to the SWMB that the Siloxane Removal System was budgeted in 2013 as part of the Sunnyview Landfill gas to energy system and was carried over into the 2014 Budget. J. Rabe explained that the Siloxane Removal System was last discussed at the March 20, 2013 SWMB meeting when Foth presented a siloxane treatment system cost/benefit analysis. At that time, the SWMB authorized Foth to develop a Siloxane Removal System design and Request for Proposal (RFP) document. Presentation of the design was delayed due to potential air permitting issues, fluctuating hydrogen sulfide levels in landfill gas and reduced landfill gas collection rates observed after completion of the Sunnyview Landfill Final Cover Project.

J. Rabe asked C. Anderson, Foth Infrastructure and Environment to update the SWMB with the Siloxane Removal System cost estimates and Return on Investment (ROI) analysis. C. Anderson distributed the August 2014 Siloxane Treatment System ROI Analysis Executive Summary to the SWMB members and presented conclusions and recommendations as follows:

- The siloxane treatment system economic analysis considered small (850 cfm) and large (1800 cfm) systems from three vendors: Unison, Venture and DCL (based on costs, performance and availability).
- None of the systems have ROI in the preferred 5-year time frame.
- The DCL system is most economical but is a pilot system (no current units in operation) and is potentially high risk.
- Foth recommends that the siloxane treatment system not be installed because it is not cost effective. Foth recommends the SWMB continue using a de-coking process and engine-maintenance procedures.

Discussion ensued amongst the SWMB.

Motion made by J. Finch and seconded by K. Robl, to approve the recommendation to decline installation of a Siloxane Removal System as part of the Sunnyview Landfill gas to energy system. Motion carried 8-0.

7. Discussion/Action – Consider Award of Truck Scale Replacement Project (SW08-14): J. Rabe reported to the SWMB that the main landfill Truck Scale Replacement Project (SW08-14) (Project) was carried over into the 2014 Budget. K. Pernsteiner worked with Winnebago County Purchasing Department to prepare a Request for Bid (RFB); bids were due by August 14, 2014. Badger Scale, Fond du Lac, was the only company to participate in the Project

walk-through and submit a bid for the Project. The Badger Scale bid was \$87,125.58, and the 2014 Budget has \$100,000 designated for the Project.

SWMB Staff recommends consideration of the bid award to Badger Scale for \$87,125.58. P. O'Brien asked if SWMB Staff was comfortable with receiving only one bid for the Project. K. Pernsteiner asked Badger Scale to provide other recent contract expense information to compare with their Project bid amount. Badger Scale's bid for the Project was slightly higher than other similar scale installations, but the short installation timeframe (completion by October 30, 2014) may have increased cost.

K. Pernsteiner explained that Badger Scale currently provides reliable maintenance service on truck scales at Brown, Outagamie and Winnebago County solid waste facilities. The Project bid requirement of a 1-hour response time and the limited number of vendors who install or maintain pit style scales may have negatively impacted the number of bids received for the Project. K. Pernsteiner explained that Staff also considered an above-ground style scale but it would have required installation of a pedestrian platform resulting in loss of the center lane and a change in traffic flow.

Motion made by P. Eisen and seconded by J. Finch to award the Truck Scale Replacement Project (SW08-14) to Badger Scale, Fond du Lac for \$87,125.58. Motion carried 8-0.

8. Discussion – Landfill Gas Operations Update: J. Rabe updated the SWMB with the following landfill gas operations and WPS/Highway revenues.

Landfill Gas Operations – August 19, 2014		
Engine #1	Running at 987 KW	Break-in oil change
Engine #2	Running at 850 KW	Will begin rebuild as soon as all of the parts arrive.
Engine #3	Running at 987 KW	
Engine #4	Running at 960 KW	
Engine #5	Running at 1400 KW	Replace radiator fan/motor & spark plug well seal cylinder #15.
Sunnyview Compressor	Compressor A & B running at 61%. Pipeline outflow 1793 scfm.	Compressor drives have over temp fault. Called Faith Technology to assist.
Sunnyview Flare	Flare – On; Flow – 201 scfm; Vacuum = -45'' wc; Blowers 103/104/105 running at 82%	
Sunnyview Gas Field	CH4 = 49.7% O2 = 0.8%	
Snell Rd Flare	Flare – On; Flow – 141 scfm; Vacuum = -15.2'' wc; Blower 2 running	
Snell Rd Gas Field	CH4 = 53.3% O2 = 1.0%	

- Engine #3 – shut down/tear down for shortblock replacement is complete and engine is running at full capacity.
- Engine #2 – scheduled for 30,000 hour preventive maintenance rebuild when parts arrive; expecting 2-3 week downtime.
- WPS/Highway Revenues were \$260,622 for July 2014; on target to meet the 2014 budgeted energy revenues of \$2.8 Million.
- A leachate recirculation system will be considered soon to maximize landfill gas available for engines.

9. Future Agenda Items: None.

10. Set Next Meeting Date: The next SWMB meeting date is scheduled for September 17, 2014 at 9:00 a.m.

11. Adjournment: Motion to adjourn made by J. Finch and seconded by G. Konrad. Motion carried 8-0. Meeting was adjourned at 9:44 a.m.

Respectfully Submitted,

Kathy Hutter
Confidential Secretary