

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

DATE: March 18, 2015

TIME: 9:00 a.m.

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

PRESENT: Ken Robl, Vice Chairman  
Paul Eisen, Secretary  
Jerry Finch  
Susan Locke  
Doug Nelson

EXCUSED: Pat O'Brien, Chairman  
David Albrecht  
Mike Easker  
Gerry Konrad

ALSO PRESENT: John Rabe, Director of Solid Waste  
Kathy Hutter, Confidential Secretary  
Kurt Pernsteiner, Facility Manager  
Jennifer Semrau, Recycling Coordinator

1. Call to Order: K. Robl called the meeting to order at 9:00 a.m.
2. Approve Agenda: Motion to approve the March 18, 2015 agenda, made by J. Finch and seconded by S. Locke. Motion carried 5-0.
3. Public Comments on Agenda Items: None.
4. Announcement/Communications: J. Rabe notified the Solid Waste Management Board (SWMB) of the Annual Responsible Unit of Government (RUG) Financial and Informational Meeting to be held at 9:00 a.m. on Thursday, April 30, 2015 at the J.P. Coughlin Center, Meeting Room B, in Oshkosh. J. Semrau explained that discussion topics will include: 2014 Annual Financial Report, Single Stream Recycling Program Update, Legislative Update and a Wisconsin Department of Natural Resources (WDNR) Presentation. J. Semrau further explained that a SWMB meeting agenda will be posted in case a quorum of members is present, but no SWMB business will be conducted at this meeting.

J. Rabe reported to the SWMB that K. Robl was interviewed and photographed for an article entitled, “Oshkosh unveils \$17 million central garage project” that appeared on the front page of the March 11, 2015 print edition and online edition of the Oshkosh *Northwestern*. *Northwestern* staff interviewed K. Robl on March 10, 2015 as he and the Oshkosh Common Council toured the new City Garage. K. Robl served as the City of Oshkosh Street Superintendent for 32 years.

J. Semrau reported to the SWMB that the “SWMB Resolution Opposing Reduction of Recycling Grant Funding and Elimination of SHWEC and UW System Solid Waste Research Program Funding” (Resolution) was presented to the Winnebago County (WC) Board on Tuesday, March 17, 2015. The WC Board passed the Resolution with full support.

5. Approval of Minutes – March 4, 2015 Open and Closed Session: Motion to approve the March 4, 2015 open and closed session minutes, made by J. Finch and seconded by S. Locke. Motion carried 4-0. (D. Nelson abstained).
6. Discussion – 2015 Clean Sweep Event Schedule: J. Semrau explained to the SWMB that the 2015 Clean Sweep is a cooperative effort involving Calumet, Outagamie and Winnebago Counties. Disposal and staffing fees will be covered in part by Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) Clean Sweep Grant funds. The 2015 Clean Sweep dates and locations are:
  - Friday, April 24, 9-11 a.m., City of Omro Fire Department, 520 W. Huron St., Omro
  - Friday, April 24, 9-11 a.m., Outagamie County Highway Garage, W7517 Highway 54, Shiocton
  - Friday, April 24, 3-6 p.m., City of Menasha Public Works Garage, 455 Baldwin St., Menasha
  - Saturday, April 25, 9-Noon, Town of Harrison Town Hall, W5298 Highway 114, Menasha

J. Semrau stated that Clean Sweep Events are a free service for households and farmers; Businesses can participate but are required to pay disposal fees. Pre-registration is required and available online or over the telephone. J. Semrau distributed 2015 Clean Sweep Event brochures to the SWMB Members.

Discussion ensued amongst the SWMB.

7. Discussion – Tri-County Diversion Technology Committee Report: J. Rabe explained to the SWMB that Creation of the Brown, Outagamie, and Winnebago Counties (BOW) Diversion Technology Committee (Committee) was designated as a Goal/Objective in the 2013 BOW Strategic Plan (Section 5.12, Diversion Technology Responsiveness). J. Semrau and K. Pernsteiner are on the Committee and have attended meetings throughout 2014. J. Rabe further explained that one of the goals of the Committee is to prepare annual reports and to present said reports to BOW Directors, Boards and Committee.

J. Semrau presented the SWMB with the following BOW Diversion Technology Committee Report:

- Committee Purpose: Keep BOW on the leading edge of emerging technologies. Look at waste as a resource and be able to lead BOW into new management systems when cost effective and desirable.
- Committee Actions:
  1. Prepare an annual report of Committee activities for BOW Directors
  2. BOW Directors will forward Technology Analysis Reports and Annual Reports to Solid Waste Boards/Committee for informational purposes.
- Should a Technology Analysis (current or previously completed) prove to be cost effective and desirable by one or more Counties or BOW, the project would move out of the committee and be pursued under the authorities and processes of the interested County(s).
- Committee Members:
  - Mark Walter, Brown County, Chair
  - Kurt Pernsteiner, Winnebago County
  - John Katers, University of Wisconsin - Green Bay (UWGB)
  - Jill Martin, Outagamie County
  - Jennifer Semrau, Winnebago County
  - Joe Van Rossum, UW - Extension, Solid and Hazardous Waste Education Center (SHWEC)
- Meetings (Quarterly):
  - February 26, 2014 – Kick-off Meeting, Wisconsin Integrated Resource Management (WIRM) Conference, Green Bay
  - April 9, 2014 – Outagamie County MRF
  - July 8, 2014 – Brown County Resource Recovery Offices
  - October 17, 2014 – Riverview Gardens, Appleton
  - January 14, 2015 - Outagamie County MRF
- Tours:
  - UW - Oshkosh Dry Bio-Digester (Oshkosh), July 12, 2014
  - UW - Oshkosh Wet Bio-Digester (Rosendale Dairy), July 12, 2014
  - Big Ox Wet Anaerobic Digester (Denmark), September 3, 2014
  - Riverview Gardens Compost Facility (Appleton), October 17, 2014

J. Semrau explained that the primary work product of the Committee was the *Waste Diversion Technologies 2014 Technical Report* (Report). J. Semrau presented the following Report Summary to the SWMB.

- The report provides a list and brief discussion on types of technologies currently used to beneficially use solid waste.
- The report focuses on 3 broad areas of waste diversion:
  - Composting
  - Energy Recovery
  - Emerging or Alternative Technologies

- A draft report based on Committee members' knowledge was prepared in August 2014.
- UWGB undergraduate Marina Hauser expanded the information and added additional technologies in Fall 2014.
- The 16-page report identified 18 waste technologies in the 3 broad areas of waste diversion.
  - Composting
    1. Biodrying
    2. Industrial Composting: Aerated Windrow Composting
    3. Industrial Composting: Aerated Static Pile Composting
    4. Industrial Composting: In-Vessel Composting
    5. Vermicomposting
  - Energy Recovery
    1. Anaerobic Digestion of Biomass
    2. Biorefinery
    3. Compressed Natural Gas Facility
    4. Landfill Gas to Energy Facility
    5. Natural Gas Recovery into Pipeline
    6. Waste to Energy
    7. Waste to Fuel
    8. Gasification
    9. Pyrolysis
  - Alternative Waste Treatment Technologies
    1. Alcohol/Ethanol Production
    2. Mechanical Biological Treatment
    3. Mechanical Heat Treatment (Waste Autoclave)
    4. Plasma Arc Waste Disposal
- Each technology was examined by the Committee to identify the type of process that is used to handle the waste, the results of the process and any geographic or climatic considerations.
- Further information on financial viability, feasibility for the BOW region and any political constraints will be examined in greater detail for technologies in future reports.
- Given the number of technologies identified, in 2015 the Committee will determine which waste technology to focus additional research effort on, via a selection matrix or other means.

J. Semrau provided a copy of the Report for SWMB Members to review; additional copies are available through SWMB Staff. The next BOW Diversion Technology Committee meeting is tentatively scheduled for April 9, 2015.

Discussion ensued amongst the SWMB.

8. Discussion – Landfill Gas Operations Report: J. Rabe updated the SWMB with the following landfill gas operations report.

Landfill Gas Operations – March 17, 2015		
Engine #1	Running at 987 KW	
Engine #2	Running at 987 KW	
Engine #3	Running at 987 KW	Oil change & 5,000 hour maintenance
Engine #4	Running at 900 KW	
Engine #5	Rebuild Complete	GE Jenbacher Recommissioning
Sunnyview Compressor	Compressor A & B running at 45%; Pipeline outflow = 1454 scfm.	
Sunnyview Flare	Flare – Off; Vacuum = -30’’ wc; Blower 103 off; 104/105 running at 71%	Turned off flare on 3/17/15 due to flare outflow being less than 100 scfm.
Sunnyview Gas Field	CH4 = 48.5% O2 = 1.9%	
Snell Rd Flare	Flare – On; Flow = 82 scfm; Vacuum = -11.4’’ wc	
Snell Rd Gas Field	CH4 = 39.8% O2 = 2.7%	

- Engine #5 shortblock installation is complete. Recommissioning and restart occurred on March 17, 2015 with regular operation expected to begin on March 18, 2015.
- WPS/Highway Revenues were \$197,943 for February 2015. Engine #5 was down for the entire month. Due to reduced landfill gas flow and Engine #5 repair, 2015 revenues are down by ~\$70,000 in comparison to January - February 2014.
- J. Rabe is working with Foth to submit a WDNR Plan Modification to allow closed site leachate recirculation at Sunnyview Landfill. Leachate recirculation is expected to improve landfill gas flows.
- Surface Emission Monitoring was completed during the week of March 9, 2015. Three (3) exceedance locations were identified and corrected at Snell Road Landfill. Six (6) exceedance locations were identified and corrected at Sunnyview Landfill. All exceedance locations still need to pass 10-day and 30-day re-monitoring.
- The Request for Bid (RFB) for Landfill Gas Well Replacements/Leachate Recirculation (SW 02-15) has been published. The prebid meeting is scheduled on March 24, 2015 and bids are due on April 7, 2015. Staff will present a bid summary and recommendation for Award at the April 15, 2015 SWMB meeting.

Discussion ensued amongst the SWMB.

9. Closed Session:

- a. Pursuant to Section, 19.85(1)(e), Wisconsin Statutes, at this point in the meeting the Board shall consider a motion to convene into closed session for the purposes of deliberating or negotiating the purchase of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session, in relationship to Request for Proposals from the City of Fond du Lac for Municipal Solid Waste Disposal and Curbside Recycling Collection & Disposal.

Motion made by P. Eisen and seconded by J. Finch at 9:31 a.m. to convene into closed session. Motion carried 5-0 by roll call vote.

10. Return to Open Session and Resume Regular Business: Motion to return to open session at 9:45 a.m. made by J. Finch and seconded by S. Locke. Motion carried 5-0 by roll call vote.

11. Discussion/Action – Request for Proposals from the City of Fond du Lac for Municipal Solid Waste Disposal and Curbside Recycling Collection & Disposal: No action taken.

12. Future Agenda Items: None.

13. Set Next Meeting Date: The next SWMB meeting date is scheduled for April 15, 2015 at 9:00 a.m.

14. Adjournment: Motion to adjourn made by J. Finch and seconded by S. Locke. Motion carried 5-0. Meeting was adjourned at 9:47 a.m.

Respectfully Submitted,

Kathy Hutter  
Confidential Secretary

**Approved by SWMB – April 15, 2015**