

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

DATE: March 20, 2019

TIME: 9:01 a.m.

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

PRESENT: Pat O'Brien, Chairman
Paul Eisen, Secretary
David Albrecht
Mike Easker
Susan Locke
Doug Nelson

EXCUSED: Ken Robl, Vice Chairman
Jerry Finch
Gerry Konrad

ALSO PRESENT: John Rabe, Director of Solid Waste
Cassie Stadtmueller, Administrative Associate
Kurt Pernsteiner, Operations Manager
Kathy Hutter, Recycling Program Manager
Zach Moureau, Environmental Manager
John Fink, County Executive Assistant (9:01 a.m. – 11:17 a.m.)
Chris Anderson, Foth Infrastructure & Environment
Sara Beine, Foth Infrastructure & Environment

1. Call to Order: P. O'Brien called the meeting to order at 9:01 a.m.
2. Approve Agenda: Motion to approve the March 20, 2019 agenda, made by D. Nelson and seconded by S. Locke. Motion carried 6-0.
3. Public Comments on Agenda Items: None.
4. Announcements/Communications: J. Rabe informed the Solid Waste Management Board (SWMB) that A. Hensel (Equipment Operator) is retiring and his last day is March 27, 2019; application deadline was March 8, 2019, interviews took place on March 14, 2019 and an offer was extended to an applicant. Anticipated start date will be April 1, 2019.

J. Rabe informed the SWMB that the Environmental Technician position has been reposted and interviews will take place March 26, 2019.

J. Rabe informed the SWMB, as discussed at yesterday's Department Head Meeting, that the housing for supervised release of Sexually Violent Person's (SVP) on the property between the Highway and Solid Waste Department will continue to be developed. J. Rabe explained that once the modular home is developed on the County property location, the SVP that was released to a Fremont location, will likely be relocated to this location. J. Rabe stated that there was also discussion of a second SVP that already resides in the City of Oshkosh, that this person may be moved to the County property location when developed.

J. Rabe informed the SWMB that road weight restrictions were imposed on March 16, 2019.

J. Rabe informed the SWMB that Advanced Disposal Services bought Van's Waste. We are unsure at this time how this will impact our department long-term.

K. Hutter distributed copies of the 2019 Northeast Recycling Guide to the SWMB. K. Hutter explained that the 2019 Northeast Recycling Guide was mailed to every household in Brown, Outagamie and Winnebago Counties.

Discussion ensued amongst the SWMB.

5. Approval of Minutes – January 16, 2019 Open Session: Motion to approve the January 16, 2019 open session minutes, made by D. Albrecht and seconded by S. Locke. Motion carried 6-0.
6. Closed Session: 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 the following
 - a. Intergovernmental Solid Waste Disposal Agreement
 - b. Waste and Recyclable Material Hauling Services Agreement

Motion made by S. Locke and seconded by M. Easker at 9:23 a.m. to convene into closed session. Motion carried 6-0 by roll call vote.

7. Return to Open Session to Resume Regular Business: Motion to return to open session at 11:08 a.m. made by D. Nelson and seconded by M. Easker. Motion carried 6-0 by roll call vote.
8. Discussion – Landfill Gas Utilization Report: J. Rabe introduced C. Anderson and S. Beine from Foth Infrastructure & Environment (Foth) to the SWMB. J. Rabe stated that Foth was tasked with review of current Landfill Gas (LFG) Utilization Systems to make sure that we consider the best technology to maximize the use of the remaining landfill gas as it continues to decline at the Sunnyview Landfill. S. Beine presented the LFG Utilization Report to the SWMB as follows:
 - Current LFG collection and updated LFG flow projections from the Sunnyview Landfill
 - Current LFG-to Energy (LFGTE) operations and updated estimates of engine retirements based on updated LFG flow projections
 - Engine operating capacities (kWh & scfm) – current and future options

- Current Power Purchase Agreement (PPA) details and term – set to expire in December 2022 and future rates may not be as lucrative
- Engine #2 rebuild or replacement options considered – long block, Jenbacher 320, 316 and 312 options analyzed
- Existing combined heat & power systems – repair/replacement options not recommended at this time
- Alternative Options Analysis – Renegotiate PPA, High BTU Natural Gas, BioCNG, Solar installation
- Recommendation – replace Engine #2 with a smaller Jenbacher unit and continue GTE energy operations throughout current PPA; Engineering cost estimate as follows:
 - Purchase of new containerized Jenbacher 312, shipping, installation and commissioning (approx. 6 month lead time) = ~\$750,000
 - WDNR construction air permitting = ~\$50,000
 - 10% Contingency = ~\$80,000
 - Total project cost = ~\$880,000

Discussion ensued amongst the SWMB.

9. Discussion/Action – Authorize Engine #2 Replacement Project: Z. Moureau reviewed the Engine #2 Replacement Project with the SWMB as follows:
- 2019 Budget contains Engine #2 Replacement = \$900,000 (Capital)
 - Current Engine #2 is a Jenbacher 320 nearing 60,000 operation hours (end of life for an engine block). Engine #2 was originally installed in 1999 and many of the components, including computer control system, are aged and obsolete.
 - Based on the results of Foth's Landfill Gas (LFG) Utilization study (reviewed in Item 8 above), it is recommended that the SWMB purchase a new Jenbacher 312 engine (12 cylinders instead of 20 cylinders) to replace Engine #2. Smaller engine will allow use with lower LFG flows, giving more flexibility as flows continue to decline, along with reduced maintenance costs. Some components from Engine #2 would be salvaged for use in Engine #3 and the new Jenbacher 312.
 - Total project cost estimate (summarized in Item 8 above) is \$880,000, which includes a 10% contingency. Staff requests SWMB authorization to purchase a new Jenbacher 312 as presented above.

Motion to authorize the purchase of a new Jenbacher 312 to replace Engine #2 made by, D. Nelson and seconded by D. Albrecht. Motion carried 6-0.

10. Discussion/Action – Award 2019 Snell Road Landfill Maintenance Project: Z. Moureau reviewed the 2019 Snell Road Landfill Maintenance Project with the SWMB as follows:
- Project was previously bid in October 2018, but the one (1) bid received (\$387,000) was nearly double the construction cost estimate of \$223,000.
 - Project was rebid in January/February 2019 with a longer construction schedule. Bids were received on February 20, 2019 – bid tabulation is shown as follows:

BIDDER	BASE BID	OPTIONAL BID	TOTAL WITH	BB/CC
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	(TOTAL OF UNIT PRICE BIDS 1-17)	ITEMS (4)	OPTIONAL ITEMS	
SCS Field Services	\$185,775	\$22,200	\$207,975	BB
Landfill Drilling & Piping	\$192,000	\$32,250	\$224,250	BB
Buteyn Peterson	\$273,280	\$33,000	\$306,280	BB
Michels Pipeline Construction	\$877,888	\$146,500	\$1,024,388	BB

- SCS Field Services has not performed landfill construction/repair in Wisconsin, but current active projects include landfill construction and leachate piping installation projects in California, Virginia, and New York. A similar project was completed 2018 in Florida.
- This project will correct potential WDNR air permit compliance issues, correct several potential violations identified during the 2018 LFG pipeline inspection by the Public Service Commission and improve LFGTE operations at Engines #2 and #3.
- Staff requests SWMB authorization to award the 2019 Snell Road Landfill Maintenance Project to SCS Field Services for a total cost of \$207,975 (Total with Optional Bid Items)

Motion to award 2019 Snell Road Landfill Maintenance Project to SCS Field Services made by, P. Eisen and seconded by D. Albrecht. Motion carried 6-0.

11. Future Agenda Items: Discuss possible long-term direct hauling agreements for landfill customers.
12. Set Next Meeting Date: The next SWMB meeting date is scheduled for April 3, 2019 at 9:00 a.m.
13. Adjournment: Motion to adjourn made by P. Eisen and seconded by D. Nelson. Motion carried 6-0. Meeting was adjourned at 11:46 a.m.

Respectfully Submitted,

Cassie Stadtmueller
Administrative Associate

Approved by SWMB – April 3, 2019