

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

DATE: August 15, 2018

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
David Albrecht
Jerry Finch
Mike Easker
Gerry Konrad
Susan Locke
Doug Nelson

ALSO PRESENT: John Rabe, Director of Solid Waste
Cassie Stadtmueller, Administrative Associate
Kurt Pernsteiner, Operations Manager
Zach Moureau, Environmental Manager
Kathy Hutter, Recycling Program Manager
John Fink, County Executive Assistant

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 15, 2018 agenda, made by K. Robl and seconded by J. Finch. Motion carried 9-0.
3. Public Comments on Agenda Items: None.
4. Announcements/Communications: J. Rabe informed the Solid Waste Management Board (SWMB) that the Final 2019 Budget documents are being prepared. J. Rabe explained that the Executive/Finance meeting is scheduled for August 22, 2018 at 10:30 a.m.

J. Rabe informed the SWMB that Outagamie County is in the process of hiring a replacement Recycling Administrator. J. Rabe explained that K. Hutter will be involved with the final interview process along with Mark Walter from Brown County.

J. Rabe informed the SWMB of an article in the Oshkosh *Northwestern* about UW-Oshkosh auctioning off the Rosendale Biodigester as part of its Chapter 11 bankruptcy plan. J. Rabe

explained that our yard waste has been going to the Oshkosh biodigester facility and we are unsure if that facility will be affected in the future. J. Rabe further explained that K. Pernsteiner and K. Hutter will be meeting with staff from the Oshkosh biodigester facility on August 17, 2018.

Discussion ensued amongst the SWMB.

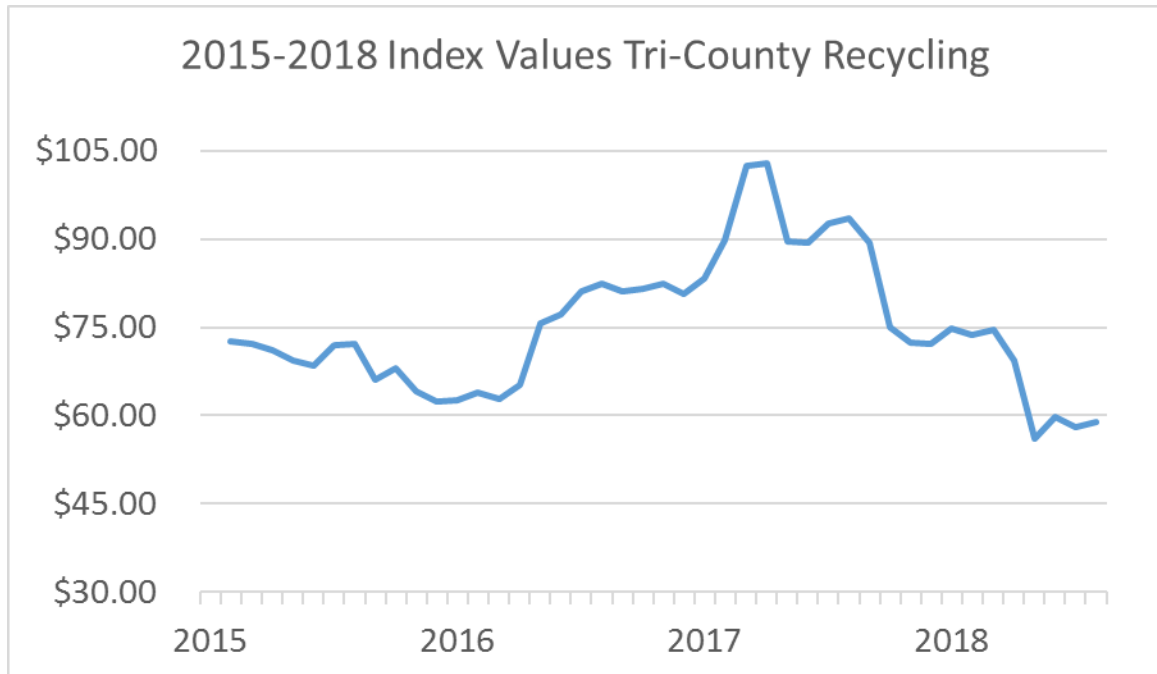
5. Approval of Minutes – August 1, 2018 Open and Closed Session: Motion to approve the August 1, 2018 open and closed session minutes, made by J. Finch and seconded by M. Easker. Motion carried 8-0. D. Nelson abstained.
6. Discussion – Tri-County Recycling Program Update: K. Hutter presented the Tri-County Recycling Program Update to the SWMB as follows:

MRF Labor & Operations

- Leadpoint provides a consistent, safety minded, well-trained workforce. Staffing is currently ~75% (vs. ~60% with Valley Packaging Industries). Leadpoint continues to develop strategy to improve staffing levels.
- January-June 2018 Tri-County Recycling Facility (Tri-County Recycling) total tons = 57,346 tons (down slightly from 57,483 tons January-June 2017). On pace to match 2017 total tonnage ~115,000.
- January-June 2018 Single Stream Recycling (SSR) tons through Winnebago County Transfer Station (WCTS) = 7,051 tons (up from 6,709 tons January-June 2017).
- Shaft & belt breakage accounted for 65 hours of downtime in recent months. Preventative maintenance continues on 3rd shift but equipment is showing its age.
- Material bale quality continues to be a top concern and monitored regularly. Production of top-quality bales is key to moving recyclable materials and getting the best prices possible in domestic markets. Public education plays a role in reducing contaminants at the curb; sorter staffing levels, processing speed and equipment performance help keep prohibitive materials out of bales.
- Brown, Outagamie and Winnebago (BOW) Counties Staff are researching future technologies and capital equipment replacements for the next 5-10 years. Equipment will need upgrades to keep the facility competitive.

Commodity Revenues

- January-June 2018 combined index value of commodities = \$66.62/ton (down from \$92.84/ton January-June 2017). Pricing continues to be driven down by loss of value in paper/cardboard markets.



- Fiber is consistently 60-65% of incoming materials; current pricing is:
 - Old Corrugated Cardboard (OCC) - \$65/ton (vs. \$160/ton August 2017)
 - Mixed Paper - \$0/ton (vs. \$70/ton August 2017)
- Tri-County Recycling continues to move OCC and Mixed Paper bales due to proximity to papermills, however, bale quality must be improved to maintain this advantage. Material Buyers have the upper hand on setting prices in the current market and Tri-County Recycling must accept whatever price is offered.
- Once processing costs are covered, remaining commodity profit/loss is passed onto facility users through tipping credits/fees.
- Due to the declining value of recovered materials, Winnebago County SSR tipping fees have increased from \$20/ton (January-April 2018) to \$30/ton (May-August 2018) for everyone other than Signing Municipalities who are charged \$5/ton in 2018; \$10/ton in 2019.

Material Trends

Fiber

- China recently announced a new 25% tariff on OCC imports, effective August 23, 2018. American exports to China are expected to decrease further, putting additional material into domestic markets with anticipated pressure to decrease value.
- Some local & domestic fiber product manufacturers have announced intentions to expand/build infrastructure to use additional recovered material feedstocks. Demand for recovered fiber material is expected to take ~5 years to catch up to supplies generated by recycling industry.

- Global growth/demand for corrugated box packaging (fueled by e-commerce) is expected to continue to increase demand for recovered fiber material. Quality (minimal prohibitives) is expected to remain a top concern.

Plastic

- Recent reports indicate domestic reclaimers are adjusting to take in additional material that was previously exported to China.
- PETE, HDPE-Natural and HDPE-Color all have strong domestic markets.
- Mixed plastics have unstable domestic markets; In July 2018, Tri-County Recycling temporarily suspended sorting of these materials.
- Bulky rigid plastics will no longer be collected for recycling at the Outagamie County (OC) transfer station or drop-site due to the reduced demand for this material.

Glass

- Faulks Brothers (Waupaca) continues to purchase as much <3/4” fines as Tri-County Recycling can produce. (~20-25% of incoming glass).
- Remaining glass is used as alternative daily cover (ADC)/decking material at the OC landfill (glass is approved in OC’s plan of operation).
- BOW Staff continue talks with Strategic Materials (SMI) to determine if Tri-County Recycling can improve glass material to meet SMI standards and at what cost.

Metal

- Domestic steel demand remains strong; Tri-County Recycling’s local pricing continues to be better than regional pricing.
- Aluminum (UBC) demand remains strong; index values are ~\$1,600/ton in August 2018 (vs. ~\$1,300/ton in August 2017).

Education

- Tri-County Recycling is concentrating on reducing contamination of incoming materials through public educational efforts and on-going training/assessment of sorter effectiveness.
- #RecycleRightNortheastWI - public education campaign continues. AROW and other Counties are focusing on similar Recycle Right message.
- New “What do I do with...” resource added to www.recyclemoretricity.org
- TV and radio advertising aired in April (WBAY), May (WPR), June (Y-100).
- 2019 Tri-County Recycling Education budget increased to offer new distribution method (bulk mailing) of the Northeast Wisconsin Recycle Guide. Intent is to get publication into every household in BOW Counties.

K. Hutter played an NBC news video for the SWMB that discussed China’s commodity market impacts at a recycling facility in California.

Discussion ensued amongst the SWMB.

7. Discussion– WDNR Closed Site Annual Inspections: J. Rabe discussed the WI Department of Natural Resources (WDNR) closed site annual inspections with the SWMB as follows:

- On August 8, 2018, WDNR Staff performed the closed site annual inspections at the Sunnyview Co-Disposal and Sludge Sites and the Snell Road Landfill.
- Animal burrow holes were discovered at two locations on the Co-Disposal Site. WDNR requests holes to be repaired when found.
- Concrete casings on some monitoring wells at Snell Road Landfill are beginning to heave; however the heaving does not appear to be impairing the quality/usability of the groundwater wells. WDNR requests to monitor the heaving and repair if necessary.
- One bare spot was found on Cell C-2 at the Snell Road Landfill. Z. Moureau noted that the bare spot has been repaired by Solid Waste Staff.
- Areas of soil cracking and bare spots noted on the Sludge Site final cover that was constructed in 2017. Compliance with action needed to fully establish vegetation on the sludge site.

Discussion ensued amongst the SWMB.

8. Discussion – Landfill Gas Operations Update: J. Rabe provided the SWMB with the following Landfill Gas Operations Update:

Landfill Gas Operations – August 13, 2018			Meter Op. Hours	One-Week Runtime
Engine #2	Down	Gear Box/Generator at L & S Electric	57868	0
Engine #3	Running at 900 KW	Turbo issue appears to be resolved	27884	43
Engine #4	Running at 1020 KW	Oil change scheduled for 8/13/18	1469	165
Engine #5	Running at 1400 KW		20984	165
Sunnyview Compressor	Compressor A running at 74%. Pipeline outflow 1180 scfm.			
Sunnyview Flare	Flare – Off; Vacuum = -17’’ wc; Blower 103 and 104 running at 56%; 105 - off			
Sunnyview Gas Field	CH4 = 50.2% O2 = 1.7%			
Snell Rd Flare	Flare – On; Flow = 92 scfm; Vacuum = -16.0’’ wc			
Snell Rd Gas Field	CH4 = 44.7% O2 = 2.6%			

Misc.	<ul style="list-style-type: none">• Measure & Record spark plug firing voltages on all engines. Remove and replace all spark plugs out of specs. Clean and regap spark plugs removed from engines.• No significant issues noted with gearbox from Engine #2. L & S Electric in process of performing reconditioning and installation of new bearings and seals. Generator inspection discovered hole in the stator core and rotor issues. Waiting to hear back on whether this unit will be repairable and what the associated costs will be. Also investigating costs of replacing generator.
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- WPS/Highway Revenues are \$182,205 for July 2018; on target to meet ~\$1.9 Million for 2018; Budget estimate = \$2.1 Million

9. Future Agenda Items: None at this time.

10. Set Next Meeting Date: The next SWMB meeting date is scheduled for September 5, 2018 at 9:00 a.m.

11. Adjournment: Motion to adjourn made by J. Finch and seconded by D. Nelson. Motion carried 9-0. Meeting was adjourned at 10:03 a.m.

Respectfully Submitted,

Cassie Stadtmueller
Administrative Associate

Approved by SWMB – September 5, 2018