

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

DATE: March 21, 2018

TIME: 9:01 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  
Mike Easker  
Jerry Finch  
Susan Locke  
Doug Nelson

EXCUSED: Gerry Konrad

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

1. Call to Order: P. O'Brien called the meeting to order at 9:01 a.m.
2. Approve Agenda: Motion to approve the March 21, 2018 agenda, made by K. Robl and seconded by J. Finch. Motion carried 8-0.
3. Public Comments on Agenda Items: None.
4. Announcements/Communications: J. Rabe informed the Solid Waste Management Board (SWMB) that an offer for the Foreman position was extended to Luke Schmoker (current Equipment Operator); accepted and begins new position on March 22, 2018.

J. Rabe informed the SWMB that the Equipment Operator position was posted on March 15, 2018 and applications will be accepted through April 5, 2018; interviews will be scheduled to hopefully fill the position by ~May 1, 2018.

J. Rabe informed the SWMB that an offer was extended for the Solid Waste Associate position and we are awaiting a response.

P. Eisen informed the SWMB that he and P. O'Brien were both re-appointed to the SWMB at the March 20, 2018 County Board of Supervisors meeting.

J. Rabe informed the SWMB that there will not be a meeting on April 4, 2018 due to vacation and lack of topics.

Discussion ensued amongst the SWMB.

5. Approval of Minutes – March 7, 2018 Open Session: Motion to approve the March 7, 2018 open session minutes, made by J. Finch and seconded by S. Locke. Motion carried 7-0. D. Nelson abstained.
6. Discussion/Action – Award SCADA System Upgrade Project (SW03-18): J. Rabe reviewed the planned SCADA System Upgrade Project (SW03-18) with the SWMB as follows:
  - Budget Amount = \$100,000
  - Pre-Proposal Meeting held on February 27, 2018
  - Addendum #1 issued on March 1, 2018; Addendum #2 issued on March 6, 2018
  - Proposals due on March 8, 2018: six (6) proposals received with base prices ranging from \$124,925 to \$308,400
  - Meeting with PJ Kortens (apparent low proposer) on March 19, 2018 to discuss budget impacts and negotiate options to fit project into the 2018 budget
  - PJ Kortens (PJK) submitted Alternate Plan A proposal on March 20, 2018: -\$4,600 deduct on base bid (missed change in Addendum #2); -\$9,775 deduct for Snell Road panel modifications associated with gas system/Horizontal Ground Water Extraction System; total of -\$14,375 in deductions
  - PJK is the current SCADA system integrator with office in Appleton – they are local, timely and responsive to our SCADA needs.

Discussion ensued amongst the SWMB.

Motion to amend the 2018 Budget to \$120,000 and award the SCADA System Upgrade Project to PJK as presented by SWMB Staff (alternate proposal amount of \$110,550), made by D. Albrecht and seconded by K. Robl. Motion carried 8-0.

7. Discussion/Action – Landfill Diversion Program Updates: K. Hutter presented Landfill Diversion Program Updates as follows:

#### Electronics

- Recycling services contracted through Dynamic Recycling LLC, Onalaska, WI which accepts both eligible and non-eligible devices.
- Currently in a 1-year agreement extension (July 2017-June 2018) using Request For Proposal (RFP) SW06-15; up for rebid in 2020.
- Materials are picked up on a per-call basis, typically 2-3 semi trailer exchanges per month.
- 2017 total E-waste collected = 346,537 pounds.
- Contractor wipes data, de-manufactures units, and sells scrap for reclamation and reuse.

#### Automotive Batteries

- Recycling services provided by Interstate Batteries, Appleton, WI.
- SWMB Staff call for competitive pricing/rates on an annual basis (historically included as an option with the scrap metal/Freon appliance recycling RFP; current scrap metal vendor did not bid on service and minimal collection rates make it impractical to bid for recycling on its own).
- Currently using a Letter of Understanding and Agreement (January– December 2018).
- Batteries are picked up every-other-week to monthly.
- 2017 total = 302 units.
- Vendor inspects batteries, ships to de-manufacturing facility, components used in manufacturing new batteries.

#### Used Oil, Oil Filters, Absorbents and Antifreeze

- Recycling services provided by Rock Oil Refining, Stratford, WI.
- SWMB Staff call for competitive pricing/rates on an annual basis (minimal collection rates make it impractical to bid on its own).
- Currently using a Letter of Understanding and Agreement (January-December 2018).
- Materials are picked up as needed; truck is in the area weekly to every-other-week.
- 2017 totals:
  - Solid Waste Customers – used oil = 4,625 gallons; antifreeze & absorbents = 530 gallons
  - Landfill Gas Operations – used oil = 7,750 gallons; antifreeze & absorbents = 400 gallons
- Vendor tests materials for contaminants, refines it into industrial fuel oils and antifreeze products.

#### Lamps and Household Batteries

- Recycling services provided by Lamp Recyclers, Green Bay, WI.
- SWMB Staff call for pricing on an annual basis (limited companies provide service in this area).
- Currently using the Vendor's standard fee sheet.
- Materials are picked up on a per-call basis; typically scheduling 2 pick-ups per month.
- 2017 totals:
  - Lamps = 16,155 units.
  - Household Batteries = 2,687 lbs. (Household batteries are handled through Lamp Recyclers, Brown County Hazardous Material Recovery and Call2Recycle).
- Vendor de-manufactures materials and sells scrap for reuse.

#### Freon Appliances, Non-Freon Appliances, Scrap Metal & Propane Tanks

- Recycling services contracted through B&B Metals, Newton, WI.
- Currently in a 3-year initial agreement (May 2017-April 2020) using Outagamie County RFP; one 1-year agreement extension allowed; up for rebid in 2021.
- Materials are picked up on a per-call basis; varies depending on materials; scrap and non-Freon appliances picked up more often.
- 2017 all appliances, propane tanks and scrap metal = 193 tons

- Contractor de-manufactures appliances and shreds scrap metals for reuse

#### Tires

- Recycling services contracted through Liberty Tire, Auburndale, WI.
- Currently in a 2-year agreement extension (January 2018-December 2020) using RFP SW01-16; up for rebid in 2021.
- Tires are picked up on a monthly-basis.
- 2017 totals = 69 tons
- Contractor shreds tires for numerous reuse applications, including molded rubber goods, adhesives, fuel, athletic field covering and landscaping mulch.

#### Construction & Demolition (C&D)

- Recycling services contracted through Landfill Reduction & Recycling, (LRR) Appleton, WI.
- Contractor signed a 5-year agreement (June 2016-December 2021).
- C&D is shipped as needed, via Kreilkamp Trucking to Contractor's facility.
- Contractor and service are a good fit for Winnebago County Solid Waste (WCSW) program needs.
- 2017 totals = 7,239 tons
- Contractor sorts materials for various reuse applications, including animal bedding, mulch, erosion control socks (wood), soil amendments (gypsum), paving materials (asphalt shingles), scrap metal and vinyl siding.

#### Residential Asphalt Shingles

- Recycling services contracted through SPS Roofing, Appleton, WI.
- Contractor signed a 1-year agreement extension (April 2018-March 2019), but has since notified Brown, Outagamie and Winnebago (BOW) Counties that they can no longer handle un-sorted shingles at the contract rate. Original RFP SW03-15; up for rebid in 2019.
- SPS indicated that they can provide shingle recycling until a new agreement is in place; issued a letter to BOW Staff on March 20, 2018 clearly indicating that SPS quality standards must be met, otherwise shingle loads will be rejected and/or returned with associated transportation fees billed to the County Facility of origin.
- SPS issued a letter to their customers on March 21, 2018 indicating that they will no longer accept loads of shingles at their Cold Spring Facility. The letter instructs their customers to take loads to County Facility and gives further instructions to separate out deleterious materials while unloading at County Facilities.
- BOW Staff are researching market conditions and considering options.
- Recent communications with LaCrosse County have revealed market changes where they are no longer able to move clean, shredded shingles in southwest and south central WI.
- Recent communications with Marathon County have revealed their processor can no longer accept shingles. Marathon is considering another option to stockpile clean shingles (2,500+ tons) and have a processor come in once a year to grind on site and truck materials out.

- Both LaCrosse and Marathon produce “clean” shingles; LaCrosse has a contractor on site. Marathon operates on an honor system, monitors unload area with trail camera and follows up with violators; return and clean up or face Landfill tipping fee.
- 2017 Winnebago County totals: 2,737 tons; BOW estimate 8,000-14,000 tons per year.
- Contractor shreds asphalt shingles for use in road paving applications.
- SWMB Staff recommend releasing SPS Roofing from the 2018-2019 agreement extension; release a new RFP for service and temporarily use another asphalt shingle recycler until RFP results can be reviewed and awarded (i.e. Badger Materials in Mackville currently accepts mixed asphalt shingle loads). Est. timeline for 2018 contract award late-April/early-May.

Yard Waste/Organics

- Recycling services provided by UW-Oshkosh (UWO) Biogas Systems, Oshkosh, WI.
- In 2014, UWO Biogas requested yard waste from WCSW collection. The biodigester requires a specific mix of materials and they needed more dry materials – leaves, small chipped wood, etc.
- 2017 tons: 2,518 tons (191 loads)
- Vendor and service are a good fit for WCSW program needs.
- Vendor generates energy from methane production and markets end product for soil amendment “Titan Gold”.

Staff propose developing a sustainable partnership plan with UWO Biogas; alternative is to manage WCSW as a compost site.

Discussion ensued amongst the SWMB.

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

Landfill Gas Operations – March 19, 2018			Meter Op. Hours	One-Week Runtime
Engine #2	Running at 905 KW		55632	168
Engine #3	Running at 987 KW		25343	167
Engine #4	Running at 1030 KW		20843	169
Engine #5	Down	Generator repairs	19242	0
Sunnyview Compressor	Compressor B running at 55-60%. Pipeline outflow 940-1000 scfm.			
Sunnyview Flare	Flare – Off; Vacuum = -12” wc; Blower 103 and 104 on; 105 – off			
Sunnyview Gas Field	CH4 = 55.1 % O2 = 1.0%			

Snell Rd Flare	Flare – On; Flow = 83 scfm; Vacuum = -16.0” wc			
Snell Rd Gas Field	CH4 = 44.0% O2 = 1.5%			
Miscellaneous	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.			

- WPS/Highway Revenues - \$140,861 for February 2018; will continue to be lower until the Engine #5 generator is repaired and back on-line
- 1<sup>st</sup> Quarter 2018 Surface Emissions Monitoring (SEM) took place March 13-16, 2018; (3) exceedances at Sunnyview that were corrected; no exceedances at Snell Road
- March monthly monitoring will take place March 19-23, 2018 (along with 10 day 1<sup>st</sup> Quarter SEM remonitoring)
- Engine #2 decoked the week of March 5, 2018 and was back operational on March 9, 2018
- Engine #3 running good
- Engine #4 running good
- Engine #5 – remains down; generator won’t be repaired until early/mid-May

9. Future Agenda Items: None at this time.

10. Set Next Meeting Date: The next SWMB meeting date is scheduled for April 18, 2018 at 9:00 a.m.

11. Adjournment: Motion to adjourn made by J. Finch and seconded by M. Easker. Motion carried 8-0. Meeting was adjourned at 10:15 a.m.

Respectfully Submitted,

Cassie Stadtmueller  
Administrative Associate

**Approved by SWMB – April 18, 2018**