

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

DATE: January 21, 2015

TIME: 9:00 a.m.

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

PRESENT: Ken Robl, Vice Chairman
Paul Eisen, Secretary
David Albrecht
Mike Easker
Susan Locke
Doug Nelson

EXCUSED: Pat O'Brien, Chairman
Gerry Konrad
Jerry Finch

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

1. Call to Order: K. Robl called the meeting to order at 9:00 a.m.
2. Approve Agenda: Motion to approve the January 21, 2015 agenda, made by D. Nelson and seconded by M. Easker. Motion carried 6-0.
3. Public Comments on Agenda Items: None.
4. Announcement/Communications: J. Semrau reported to the Solid Waste Management Board (SWMB) that an article entitled "New Rules for Recycling" was published as a front page article in the Sunday, January 18, 2015 Oshkosh *Northwestern* print edition. J. Semrau explained that this article included comments about new materials, processing and collections from herself, Jill Martin, Outagamie County (OC), Chris Miller, OC, Mark Walter, Brown County (BC), and David Patek, City of Oshkosh. The article also ran in the main section of the Sunday, January 18, 2015 Appleton *Post-Crescent* print edition.

P. Eisen reported to the SWMB that the Menasha Public Library has a display in the main lobby that focuses on the newly accepted recyclable materials. P. Eisen shared a picture of the display with the SWMB.

J. Rabe reported to the SWMB that a Request for Bid (RFB) was issued for the 2015 Leachate System Modifications Construction Project. J. Rabe explained that the Leachate System Modifications Construction Project was originally bid in 2014 (Bid# SW07-14) and the SWMB declined a Bid Award on July 2, 2014 to allow for time to revise bidding documents and obtain more competitive bids. The 2015 Leachate System Modifications Construction Project pre-bid meeting was held at the Landfill on January 20, 2015. Bids are due on February 3, 2015. Staff will present bids and recommend an award at the February 18, 2015 SWMB meeting. P. Eisen added that the RFB for the Leachate System Modifications Construction Project was published in the January 8, 2015 and January 15, 2015 Oshkosh *Northwestern* print editions.

5. Approval of Minutes – January 7, 2015 Open Session: Motion to approve the January 7, 2015 open session minutes, made by M. Easker and seconded by S. Locke. Motion carried 6-0.
6. Discussion – BOW Annual Solid Waste & Recycling Meeting Report: J. Rabe reported to the SWMB that the Brown, Outagamie and Winnebago County (BOW) Annual Solid Waste & Recycling Meeting was held on Wednesday, January 14, 2015, at the OC Landfill in Appleton. J. Rabe explained that attendees included 12 committee and board members from all three counties, BOW Directors and Staff. The topics of presentation included: Regional Landfill operations, waste tonnages, single-stream recycling operations, the Tri-County MRF expansion, new recyclable materials, projected recycling surplus revenues, status of the BC and Winnebago County (WC) recycling compactor project plans, development of the Diversion Technology Committee, and update on the BC Landfill/Resource Recovery Park. A Tri-County MRF tour was also offered to interested parties.

J. Rabe also presented P. Eisen's BOW Annual Solid Waste & Recycling Meeting minutes to the SWMB.

Discussion ensued amongst the SWMB.

7. Discussion – Legislative Update: J. Semrau presented the following Legislative Update to the SWMB.
2013 Wisconsin Act 301
 - Establishes landfill fee waivers for certain MRF and Construction & Demolition (C&D) processing residuals (up to 10% and 30%, respectively).
 - Requires Wisconsin Department of Natural Resources (WDNR) to reimburse landfill owners or intermediate haulers for uncollectable debts (over 120 days).
 - Takes effect January 1, 2015
 - WDNR will publish more formal guidance and will solicit public comment on the draft guidance, but in the meantime has issued interim procedures.
 - WDNR established two new waste categories for reporting MRF qualifying residuals and C&D qualifying residuals.

- MRFs seeking to claim the exemption will need to provide written certification to the landfill operator.
- MRFs are required to calculate a quarterly residual rate and provide it to the landfill, which in turn provides documentation to WDNR with a quarterly Recycling Fee and Landfill Surcharge Fee Report and Invoice.
- Assuming the BOW MRF processes 100,000 tons with a 7% residual rate in 2015, ~\$91,000 in state fees will be saved by this exemption.
- Reimbursement of uncollectable debts will occur once per year as part of the annual consolidated billing process.

Legislative Reference Bureau (LRB) 0387/1 and LRB 0929/1

- Sponsored by Senator Sheila Harsdorf (R) and Representative Mary Czaja (R)
- The bill has not yet been introduced; sought co-sponsors through January 16, 2015
- The bill seeks to eliminate the current recycled content requirement for newspapers (minimum 33% post-consumer waste fiber or pay a fee).
- When this requirement was enacted in the early 1990s only 35% of newspapers were recycled; today the rate is higher than 70%.
- WDNR commissioned a report entitled *Recycled Content Newsprint Programs/Legislation, the Newsprint and Old Newspaper Markets* by highly respected consultant Moore and Associates. The Moore and Associates report concluded a repeal of the recycled content law would have no impact on newspaper recycling or contribute to the further landfilling/disposal of additional newspapers.
- Due to the number of uses of collected newspapers, it has become difficult for Wisconsin newspapers to find sources to meet the 33% requirement.
- As an example, in 2014, BOW only sold old newspaper to tissue mills for away-from-home products, so ~35,000 tons of old newspaper was unavailable to newsprint mills.

LRB 0236/1 and LRB 1245/1

- Sponsored by Senator Robert Cowles (R) and Representative Mary Czaja (R)
- The bill has not yet been introduced; seeking additional co-sponsors until January 30, 2015
- The bill seeks to ban use of tiny bits of non-biodegradable plastic called “microbeads” in personal care products (PCPs).
- Microbeads have been found in all of the Great Lakes. Particles are ingested by fish, have the potential to bio-accumulate and pose potential human health risks.
- Many of the leading manufacturers in cosmetics and PCP industries are already voluntarily phasing out the use of microbeads.
- The bill would generally prohibit the manufacture of PCPs containing microbeads beginning December 31, 2017 and the manufacture of over-the-counter drugs containing microbeads beginning December 31, 2018.
- Authors of the bill worked with Wisconsin Manufacturers & Commerce (WMC) and Clean Wisconsin to develop the bill. The bill is modeled after industry supported legislation that passed in Illinois and New Jersey in 2014 and as drafted, has support from industry groups, Personal Care Products Council (PCPC) and the Consumer Healthcare Products Association (CHPA).

Discussion ensued amongst the SWMB.

8. Discussion – 2014 Tonnage and Hauling Report: K. Pernsteiner presented the following 2014 Tonnage (Unaudited) and Hauling Report to the SWMB.

- WC Transfer Station (TS) operations have gone very smooth in 2014.
- WC shipped 82,907 tons of municipal solid waste (MSW) and 11,355 tons of single stream recycling (SSR) to the OC Regional Landfill and the Tri-County MRF, respectively in 2014.
- WC direct haul customers accounted for 36,761 tons of MSW and 2,303 tons of SSR to OC in 2014.
- WC directed a total of 119,669 tons of MSW and 13,658 tons of SSR to OC in 2014.
- Kreilkamp Trucking (Kreilkamp) hauled 4,198 semi loads of MSW and 923 semi loads of SSR to OC in 2014, for a total of 5,121 semi loads.
- The loads hauled by Kreilkamp for MSW averaged 19.75 tons and for SSR averaged 12.30 tons in 2014.
- Van's Waste (Van's) hauled 1,958 tons of shingles from the WC TS to Badger Materials Recycling, LLC (BMR) for recycling in 2014.
- Van's hauled 171 tons of shingles from the WC Container Rental & Lease Program to BMR for recycling in 2014.
- Kreilkamp hauled 142 loads of C&D material, totaling 2,263 tons from the WC TS to Landfill Reduction and Recycling (LRR) in 2014.
- Van's hauled 320 tons of C&D material from the WC Container Rental & Lease Program to LRR for recycling in 2014.
- Through a pilot yard waste recycling program, WC hauled 72 tons of grass/yard waste to the University of Wisconsin - Oshkosh for use as Biodigester feedstock in 2014.
- WC accounted for 119,669 tons of total waste disposed at the OC Regional Landfill in 2014 (includes TS and direct haul tonnages).
- BC accounted for 227,787 tons of the total waste disposed at the OC Regional Landfill in 2014. This total includes 66,174 tons of papermill sludge and 7,853 tons of papermill frontend rejects.
- OC accounted for 243,808 tons of the total waste disposed at the OC Regional Landfill in 2014. This total includes 19,551 tons of LRR residuals and 22,394 tons of LRR fines which will be reconciled as part of 2014 BOW audit and WC will be credited for 1,292 tons (50% of the C&D material sent to LRR).
- 2014 BOW shared tonnages include: 10,138 tons of MRF glass, 2,332 tons of MRF trash, 738 tons of MRF sweepings, 3,389 tons of MRF residual rejects and 309 tons of glass rejects for a total of 16,908 tons.
- Total tonnages of all waste from all counties disposed at the OC Regional Landfill is 608,173 tons in 2014.
- WC accepted 25,184 tons of papermill sludge for disposal in the Sunnyview Landfill Sludge Site in 2014.
- WC directed 4,369 tons of papermill sludge to the OC Regional Landfill for beneficial reuse in 2014.

K. Pernsteiner presented the SWMB with the following tonnage summaries and comparisons.

2014 WC Customer Tonnages (Unaudited)

| | <u>WC Transfer/ Landfill Tons</u> | <u>OC/Other Direct Tons</u> | <u>2014 Total Tons</u> |
|--------------------------------------|---------------------------------------|---------------------------------|----------------------------|
| Landfill/Transfer Waste | | | |
| Construction & Demolition (C&D) | 12,708 | 1,442 | 14,151 |
| Residential | 34,404 | 8,815 | 43,219 |
| Biosolids | --- | 999 | 999 |
| Shredder Fluff | --- | 13,191 | 13,191 |
| Asbestos | --- | 95 | 95 |
| Commercial | 18,895 | 4,869 | 23,765 |
| Papermill Sludge | --- | 4,369 | 4,369 |
| Foundry Sand | --- | 640 | 640 |
| Highway Sweepings | --- | 330 | 330 |
| Special Waste | --- | 174 | 174 |
| Industrial | 14,776 | 1,631 | 16,406 |
| Boiler Ash | --- | 184 | 184 |
| Wood/Brush | 1,366 | 22 | 1,388 |
| Shingles | 758 | --- | 758 |
| Total Landfill/Transfer Waste | 82,907 | 36,761 | 119,669 |
| Recycled Materials | | | |
| Shingles to BMR | 1,958 | 172 | 2,130 |
| C&D to LRR | 2,263 | 320 | 2,583 |
| Grass/Yard Waste to UWO | 72 | --- | 72 |
| Wood/Brush/Yard Waste* | 3,084 | --- | 3,084 |
| Total Recycled Materials | 7,377 | 492 | 7,869 |
| Single Stream Recycling | | | |
| Single Stream | 11,355 | 2,143 | 13,498 |
| ADS RUG Single Stream | --- | 160 | 160 |
| Total Single Stream Recycling | 11,355 | 2,303 | 13,658 |
| Tires | | | |
| Tires | 86 | --- | 86 |
| Total Tires | 86 | --- | 86 |
| Sludge Cell | | | |
| Papermill Sludge | 25,184 | --- | 25,184 |
| Total Sludge Cell | 25,184 | --- | 25,184 |
| Total Tons of All Material | 126,909 | 39,556 | 166,465 |

* Note - a portion of this tonnage was processed and beneficially reused on-site and is not included in the BOW totals.

**2013 - 2014 OC Regional Landfill
Brown, Outagamie, Winnebago (BOW) Tonnage Comparison (Unaudited)**

| County | 2013 | 2014 |
|-----------------|----------------|----------------|
| Brown | 220,348 | 227,787 |
| Outagamie | 273,159 | 243,808 |
| Winnebago | 139,687 | 119,669 |
| BOW Shared Tons | --- | 16,908 |
| Total | 633,194 | 608,173 |

Note - 2013 BOW shared tonnages are included in totals.
2014 BOW shared tonnages to be adjusted at year end reconciliation.

Discussion ensued amongst the SWMB.

9. Discussion – Landfill Gas Operations Update: J. Rabe updated the SWMB with the following landfill gas operations.

| Landfill Gas Operations – January 20, 2015 | | |
|--|--|--|
| Engine #1 | Running at 850 KW | |
| Engine #2 | Running at 987 KW | |
| Engine #3 | Running at 850 KW | |
| Engine #4 | Running at 920 KW | |
| Engine #5 | Down | Coolant leak from heat recovery heat exchanger on roof being repaired; Performing decoke |
| Sunnyview Compressor | Compressor A running at 81%; Compressor B off Pipeline outflow = 1374 scfm. | |
| Sunnyview Flare | Flare – On; Flow = 394 scfm; Vacuum = -36’’ wc; Blower 103 off; 104/105 running at 71% | |
| Sunnyview Gas Field | CH4 = 50.2% O2 = 1.4% | |
| Snell Rd Flare | Flare – On; Flow = 94 scfm; Vacuum = -19.1’’ wc | |
| Snell Rd Gas Field | CH4 = 47.4% O2 = 1.2% | |

- WPS/Highway Revenues were \$262,102 for December 2014 (Total of \$3.038 million for 2014).
- On January 16, 2015, Dane County Solid Waste personnel met with J. Rabe, Foth and WC Facilities personnel for a site visit and discussion about the WC Landfill Gas Program. Dane County Solid Waste is researching expansion of their landfill gas waste heat recovery (WHR) systems. The group toured the Landfill Gas Facility and Law Enforcement Center (LEC).

- J. Rabe reported the following from Mike Elder, Facilities Director:
 - The LEC has seen an approximate 30% reduction in energy usage (electricity and natural gas) as a result of our WHR systems (2004 compared to 2014).
 - The absorption chiller worked well in 2014 with ambient temperatures less than 84°F.

Discussion ensued amongst the SWMB.

10. Future Agenda Items: None.

11. Set Next Meeting Date: The next SWMB meeting date is scheduled for February 4, 2015 at 9:00 a.m.

12. Adjournment: Motion to adjourn made by D. Nelson and seconded by S. Locke. Motion carried 6-0. Meeting was adjourned at 10:07 a.m.

Respectfully Submitted,

Kathy Hutter
Confidential Secretary

Approved by SWMB – February 4, 2015