



Monroe County Solid Waste Management

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MINUTES of the February 15, 2016 Meeting of the Monroe County Solid Waste Management Committee

MEMBERS PRESENT: Vice Chair - Mike Luethe, Paul Steele, James Rasmussen and Dan Olson.
Absent: **Chairperson** - Carol Las

OTHERS PRESENT: Gail Frie-Monroe County Solid Waste Manager, Shelly Schulze-Assistant Solid Waste Manager, Erik Lietz P.E.-Landfill Consultant, Ayres Associates, Terry Taylor-Landfill Operator, River View Construction (arrive 9:05 a.m.), Kirk Arity-Tomah Public Works Director, Jerry Martell-Owner, Modern Disposal Systems (arrived 9:00 a.m.)

MEETING CALLED TO ORDER: The meeting was called to order at 8:30 a.m. by Committee Vice-chair Luethe at the Solid Waste Administration Building, 20448 Junco Road, Norwalk.

1. PERIOD OF PUBLIC COMMENT

None given.

2. MINUTES OF 12/14/2015 MEETING

A motion was made by Steele to approve the minutes of the January 18, 2016 meeting. The motion was seconded by Rasmussen. All ayes, motion carried. 4-0

3. BUDGET REPORT

- A draft of the January budget worksheet report was reviewed with the Committee members due to the January financial report not available.
- The Department's cash balance at the end of January was \$296,000.00.
- The Facility Reserve balance is \$172,161.00. Frie reported one payment remaining of approximately \$300,000.00 on our \$2,500,000.00 bond (4% interest) which will be paid in full at the end of February 2017.
- LTC is at \$2,224,000.00. According to the current spreadsheet, we should making our last long term care payment December of 2016.
- It was discussed that there is seven years life remaining in the current landfill, and the WDNR (ISR) Initial Siting Report and (ISI) Initial Siting Investigation have both been successfully completed and paid for, in regard to the future landfill expansion.
- Discussion amongst board members as to where the next landfill will be and Erik Lietz showed the members through the window, and explained the limitations of siting the landfill anywhere else due to shallow bedrock near the flare.
- \$100,000.00 is in the budget this year for drilling core samples which is expected to be done in the third quarter of the year. Life expectancy of the new landfill will be 15 years.

4. DEPARTMENTAL OPERATIONS/LANDFILL OPERATIONS

A. General Activities/Tonnage/Revenue/Load/Leachate Report: Went over graphs of totals for this year January in comparison to the previous four Januarys.

- **Loads:** Incoming landfill loads are up 20+% over last January.
- **Revenues:** are up 14+% over last January.
- **Leachate:** Gallons hauled are over triple that of last year largely due to the 6" of rain received the first week of December. Per Gerke tanker driver, he had to take the ditch on A and Townline Road when a township driver pulled out in front of him on his way to the WWTP. The driver was not hurt but the truck was totaled and minimal damage to the trailer as he was able to stay upright. No leachate spilled and the township driver supposedly admitted fault. The question of liability came up regarding the damages should a load spill. The landfill would probably maintain environmental liability as we are transporting waste vs. a saleable good.

5. MANAGERS REPORT

- **Pumps:** One leachate pump was replaced this summer at a great expense through Tomah Environmental Contractors (TEC) with only single phase power available.
- **Compactor Usage/Down time/3 Phase/Motors:** Our existing compactor was repaired by Nissen Electric this past month, but the compactor is running on single phase. To properly run this compactor long-term, it should be three phase power. Two estimates were given to us by Alliant to run three phase and the cost will be approximately \$45-53,000. If we went ahead it would have dual-purpose benefit as the three phase would benefit us in handling a leachate filtering system should this be approved.
- Because of the down-time we've experienced with this compactor, only one municipality is currently using this compactor (Wellington) and oftentimes will take recycling loads directly to MDS floor to be dumped. Rather than continuing to repair this unit, Dan Olson suggested we discontinue its use altogether. With Tomah's decision to start collecting recycling in the near future, it is their understanding per Kirk Arity, Director of Public Works for Tomah, that Monroe County, as the Responsible Unit, must accept recyclables here at the landfill for Tomah. Frie discussed that we are responsible for paying for the transportation of the material from MDS to the recycler on their behalf...not from the landfill to MDS. These roll off loads estimated to be two to three times per week, would be billed to the landfill from MDS on Tomah's behalf and would not be our responsibility but Tomah's expense. With grant funding dwindling and cost of recyclables at near break-even currently (and at a loss currently for most Counties) the landfill cannot pay to transport this material back down to MDS. Discussion ensued regarding this issue and more discussion is needed between concerned parties.
- **AED/CPR/First Aid:** Shelly is certified currently, and we are looking at finding a grant to secure an AED for this building through a La Crosse County area organization per Gail.
- **Mattress Recycling:** a procedure for refusing full loads of mattresses will be set in place as we have several area options for recycling this material. The procedure is attached and was approved by the committee. Steele motioned and Rasmussen seconded. All ayes (4-0) Gail will be speaking at the February 2016 WIRM conference and outlining our procedure and reasons as a panel of experts on the subject.
- **La Crosse County/Clean Sweep changes:** A letter was sent out by La Crosse County outlining enforcements of their clean sweep rules as well as prices increases imposed due to loss of grant money. Gail stated we may have to apply for our own grant if restrictions and expenses get too high.
- **Lithium battery:** was smoking in the landfill, and operator Terry Taylor from RiverView was commended by the committee for being observant and catching this issue and bringing it to our attention. It came from a City Box and a DVD player which was passed around, pictures taken for record.
- It was decided to bring this to the public before our next clean sweep, and with this press release outline the changes coming to farmers who may be assessed a fee on large quantities due to La Crosse's information.
- Erik Lietz explained the volatility and inherent danger of Lithium Ion and Lithium Polymer batteries upon impact, causing fires and explosions, even as little as the double AA size.
- It was mentioned by Shelly to also mention the way to lessen the amount of paint arriving at the landfill by educating the public on small quantity latex paint disposal as well as Oil based paint *pour out onto cardboard and spread thin to dry in the sun.
- **GUEST SPEAKER FROM APEX:** An overhead presentation regarding an onsite leachate filtration technology called LEACH-BUSTER made by Clark Technologies took place.
- After much discussion it was unanimously agreed to continue moving forward with trying to make this operation a viable working system for the Landfill. This would pave the way for other landfills to handle leachate without hauling to Municipal WWTP. Approved by the MPCA Minnesota Pollution Control Association who has stronger environmental rules in many cases than the WDNR Wisconsin Department of Natural Resources.

- Shelly mentioned to the board that La Crosse County's Consultant from SEH, Brian Kent, and Sustainability Coordinator, Nick Nichols, both endorse this technology and would like to be included in the discussion with the WDNR when the process is brought for approval for landfill usage.
- The leachate is turned to pure water, and the sludge can return to the landfill per DNR Code. Land spreading of water should not be an issue since it is purer at level 9 than drinking water and at level 6 better than land spreading parameters.
- Gail and Apex meeting with the County Administrator and head of Finance this afternoon to discuss options, at which time The Administrator also endorsed moving forward with this project.
- Gail will travel to Kandiohi County MN to see the working prototype at some date in the near future.
A motion was made to go forward with presenting to the WDNR by Steele and Olson seconded, All Ayes, motion carried. 4-0

6. PERIOD OF PUBLIC COMMENT

None

7. SET NEXT MEETING DATE

Meeting to be held March 21, 2016, 8:30 a.m. at the Monroe County Solid Waste Department, 20448 Junco Road, Norwalk WI.

8. MOTION TO ADJOURN

Motion by Steele to adjourn and seconded by Olson.