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## **LINCOLN COUNTY**

### **Solid Waste Department**

**N4750 Landfill Lane - Merrill, WI 54452-2577**

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**January 28, 2020**

**Manager's Report to Solid Waste Committee** - The following summarizes notable activities of the Manager since the November 19, 2019 meeting.

#### **Clay Haul Project –**

Musson Bros started hauling clay on January 6<sup>th</sup>. It took a while to get the mining site frozen to the point it would support the haul trucks. They suspended hauling part of last week and for most of this week due to thawing conditions at the mining site and difficulty of trucks backing onto the clay pile at the landfill. They plan to resume the haul next week after cold weather again arrives. To date they have hauled in roughly 44,000 of the 60,000 tons required by the project specifications. The representative clay samples taken are yielding good test results in the lab.

#### **Per Mar Security -**

We were getting frequent calls in the off hours from Per Mar Security that there were communication errors with the radio at the office. It was determined that the radio was no longer compatible with the wireless network since 4G upgrades were installed by cell companies so it needed to be replaced. They did so on January 13<sup>th</sup>.

#### **Top of Waste Survey - REI**

REI performed the annual top of waste topographical survey on December 19, 2019. The results showed we consumed 41,479 cubic yards of airspace over the course of 2019. We deposited 36,892 tons of waste materials from all categories into the landfill. That yields a compaction ratio of .9 tons per cubic yard or 1,779 lbs per cubic yard consumed. This is less than our historic ratio that is closer to 1 ton per cubic yard. The main reason for this is the waste is being mostly deposited in a new cell and we aren't realizing much space gain from settlement which occurs when large volumes of compacted waste slowly settles due to decomposition. That settlement air space gain will be realized in future years.

#### **Domtar request for visit –**

I was invited to meet with several individuals at Domtar in Rothschild to discuss their industrial waste stream and to follow up with a quote on disposal costs for various items. I met at their facility on January 9<sup>th</sup> and followed up by letter with quotes for several items. They included: sludge, general solid waste (about 3,000 tons per year), small chemical or product spill incidents, containment vessel cleaning residue and yard scrapings (about 1,000 tons per year).

**Year-end accounting (Long Term Care & Depletion calculations)** - I worked with Heather to capture costs for future capping, long term care and depletion of airspace. We are still waiting for a depreciation calculation to determine final year end costs.

**Air Permit data for annual reporting requirements** - I supplied data to TRC so they could model our annual carbon outputs and methane generation as required by DNR for our annual air permit report.

**Request for quote on wood pile grinding** – I spoke with Randy from Kafka in Marathon and asked him to view our clean wood pile and provide a quote for grinding and hauling the chips to a market. He plans to stop in the next week or so to do so. It has been 3 years since we last had the pile chipped.

**Webinars for continuing education** – I have attended 3 webinars this fall and winter to accumulate hours towards the 8 hour continuing education requirement to maintain my Manager’s credential. The webinars were on electronics recycling, lithium ion battery safe handling and transport for recycling and hazardous waste/universal waste labeling and management.

**Future Activities – capital expenditures; General Timeline**

- |  |                     |
|--|---------------------|
| • Mining and hauling of clay and topsoil from our Drew Farm site             | occurring now       |
| • Supply topsoil, sand and aggregate as 2 <sup>nd</sup> component of project | completed           |
| • Abandon 3 monitoring wells in the way of next cell location                | summer 2020         |
| • Excavation of next cell/movement of remaining demo                         | summer 2020*        |
| • Phase 4 mod 2a liner and components, cap area C                            | summer of 2021      |
| • Reconstruct east ditch and clean sedimentation basin                       | summer 2021 or 2022 |
| • Replace CAT IT28G Loader   | when logical        |

\* we might only move the demolition material into the landfill vs. doing so and excavating to base grades in the next cell. It all depends on revenues and how the non-reserved cash balance looks this summer.

**Lincoln County Solid Waste  
Statement of Operations - December 2019**

	YTD 2019	Budget for 2019	% of Budget Received
<b>Operating Revenues</b>			
Total Public Charges for Services	\$ 1,603,128.57	1,760,000	91.09%
Total Intergovernmental Charges for Services	132,740.68	162,000	81.94%
Miscellaneous Revenues	11,008.36	8,000	137.60%
<b>Total Operating Revenues</b>	<b>\$ 1,746,877.61</b>	<b>1,930,000</b>	<b>90.51%</b>
			<b>% of Budget Available</b>
<b>Operating Expenses</b>			
Salaries/Fringes	\$ 284,230.92	370,833	23.35%
Committee Per Diem	1,362.42	2,500	45.50%
Auditing Services	3,694.56	3,900	5.27%
Bank Fees	7,712.27	9,000	14.31%
Engineering Expenses	38,158.55	60,000	36.40%
Leachate Management	116,782.83	110,000	0.00%
Groundwater Treatment	14,151.90	16,000	11.55%
Clay Testing	15.00	500	97.00%
Hazardous Waste Disposal		1,000	100.00%
Hazardous Waste Reimb Cost	908.58	1,000	9.14%
Safety Program	517.91	450	0.00%
Site Maintenance	12,158.54	20,000	39.21%
Utilities Services	6,508.21	7,500	13.22%
Scale Maintenance	11,641.61	1,600	0.00%
Equipment Maintenance	12,128.10	35,000	65.35%
Insurance	13,408.59	16,000	16.20%
Telephone	227.39	400	43.15%
Printing Allocation	1,173.29	1,000	0.00%
Travel/Training	748.70	600	0.00%
Committee Travel		200	100.00%
Regulatory Fees	322,071.81	375,000	14.11%
Hiring Costs	216.20		
Office Supplies	1,563.66	2,000	21.82%
Postage	336.59	600	43.90%
Janitorial Supply	3,280.82	3,000	0.00%
Fuel	40,545.85	35,000	0.00%
Publications	205.88	250	17.65%
Miscellaneous Expense	438.00	3,000	85.40%
Cash Over/Short	(6.00)		
Road Maintenance		5,000	100.00%
Bio Pile Expense	5,813.00	5,000	0.00%
Recyclables Miscellaneous Expense	21,412.89	20,000	0.00%
<b>Subtotal of Operating Expenses</b>	<b>921,408.07</b>	<b>1,106,333</b>	<b>16.72%</b>
<b>Net Operating Income (Loss)</b>			
<b>Excluding Non-Cash Items</b>	<b>825,469.54</b>		
<b>Non-Cash Operating Expenses</b>			
Depreciation*	130,000.00	130,000	0.00%
Depletion	305,177.08	700,000	56.40%
Future Closure/LTC	352,494.00	450,000	21.67%
<b>Total Non-Cash Operating Expenses</b>	<b>\$ 787,671.08</b>	<b>\$ 1,280,000.00</b>	<b>38.46%</b>
<b>Total Operating Income (Loss)</b>	<b>37,798.46</b>		
<b>Nonoperating Revenues/Expenses</b>			
Investment Interest	311,137.84	69,600	447.04%
Non-Operating transfer Out	(200,000.00)	(200,000)	0.00%
<b>Total Nonoperating Revenues/Expenses</b>	<b>\$ 111,137.84</b>	<b>\$ (130,400.00)</b>	
<b>Net Income (Loss)</b>	<b>\$ 148,936.30</b>		

\* prior year estimates

**Lincoln County Solid Waste  
Cash Flow Statement For 2019  
Including Year To Date Totals**

<b>Cash Flow From Operating Activities</b>	<b>December-20</b>	<b>YTD Totals</b>
From public entities	\$ 126,912.72	\$ 1,670,727.29
From other Governmental Agencies	11,191.98	115,340.23
From other County Departments		288.00
To employees for compensation and fringe benefits	(29,235.33)	(352,791.17)
To vendors for goods and services	(41,564.82)	(897,617.49)
Net cash provided by (used in) operating activities	\$ 67,304.55	\$ 535,946.86
<b>Cash Flow from Capital and related financing activities</b>		
Acquisition of Capital Assets		
Equipment		
Machinery & Equip		
Investments		
Additional deposit required by DNR		(99,511.71)
WIP Landfill		(759,646.66)
Siting Agreement Payment		
Town of Merrill		(16,666.00)
Net cash used for capital and related financing activities	0.00	(875,824.37)
<b>Increase (Decrease) in cash and cash equivalents</b>		<b>\$ (339,877.51)</b>
<b>Non-Reserved Cash Balance (1/1/19)</b>		<b>1,017,972.71</b>
<b>Non-Reserved Cash Balance as of 12/31/2019</b>		<b>\$ 678,095.20</b>
<b>*Reserved Cash Balance (1/1/19)</b>		
Long Term Care Investments	\$ 2,988,842.35	
Closure Investments	1,996,365.06	
<b>Total (1/1/19)</b>	<b>\$ 4,985,207.41</b>	
Additional Investment Deposit	99,511.71	
Interest Received	301,627.88	
<b>Total Reserved Cash (12/31/2019)</b>		<b>\$ 5,386,347.00</b>
<b>Total Cash for Lincoln County Solid Waste (12/31/2019)</b>		<b>\$ 6,064,442.20</b>

\*Reserved Cash is held in a trust account at US Bank by the Wisconsin Department of Natural Resources.