



KENT COUNTY BOARD OF PUBLIC WORKS

September 3, 2020

8:30 AM

**Earl G. Woodworth Building
Meeting Room Chambers
1500 Scribner Avenue NW
Grand Rapids, Michigan 49504**

MEMBERS PRESENT: Commissioner Brieve, Janes, Skaggs, Yonker, Bulkowski, Antor, Vonk

MEMBERS ABSENT:

OTHERS PRESENT: Darwin Baas, Director; Kimberly Williams, Finance Division Director; Alisha Barber, Office Manager; Paul Smith, WTE Operations Manager; Nic VanderVinne, Resource Recovery and Recycling Manager; Dan Rose, Solid Waste Operations Manager; Molly Sherwood, Environmental Compliance Manager; Kristen Wieland, Marketing & Communications Manager; Lauren Westerman, Resource Recovery Specialist; Katelynn Nettler, Resource Recovery Specialist; Craig Paull, Indigent Defense Administrator/Attorney Administrator/Controller; Calvin Brinks, Purchasing/Fleet Services Manager; John Van Tholen, Van Tholen & Associates; Russ Boersma, Arrowwaste; Pat Greve, Waste Management; James Hurt, City of Grand Rapids; Bill Stough, Sustainable Research Group; Diane Druckenmiller, Arrowwaste

I. Call to Order

Meeting called to order at 8:30 a.m. by Chair Emily Brieve.

II. Consent Agenda

- A. Review and Approval of Minutes
- B. Approval of Monetary Outlays

Motion

It was moved by Commissioner Skaggs and seconded by Commissioner Janes to approve the Consent Agenda.

The Consent Agenda was approved by the following vote:

YEAS: Commissioners Brieve, Janes, Skaggs, Yonker, Vonk, Antor

ABSENT: Commissioner Bulkowski

NAYS: None

III. Solid Waste Operations

A. SKL Gas Well Expansion/EDL Contract – AR

Director Baas reviewed the action request. As the landfill expands, improvements to the gas collection system are made to capture landfill gas to mitigate odor and generate electricity at the gas-to-energy facility operated in partnership with Energy Developments Limited. Four bids for gas well system expansion was received (Bid 4093) by the Kent County Purchasing Division:

- **Landfill Drilling & Piping:** **\$499,911.00**
- **Aptim Environmental & Infrastructure LLC:** **\$534,384.00**
- **SCS Field Services:** **\$548,580.50**
- **Carlson Environmental & Infrastructure:** **\$553,893.50**

The proposed expansion significantly improves landfill gas collection to maximize energy production. Energy Developments, operator of the landfill gas-to-energy system, will contribute \$150,000 to the project. The attached Agreement has been reviewed and approved by Corporate Counsel.

After verifying construction schedule and references, staff recommends awarding the construction contract for the 2020 South Kent Landfill Gas Management Extension Project to Landfill Drilling & Piping in the amount of \$499,911, the low responsive bid.

Motion

It was moved by Commissioner Vonk and seconded by Commissioner Antor to approve Landfill Drilling & Piping to construct of the 2020 South Kent Landfill Gas Management Expansion Project in accordance with Solicitation 4093 in the amount of \$499,911 and authorize the Director to sign the reimbursement agreement with Energy Developments Limited.

The Action Request was approved by the following vote:

YEAS: Commissioners Brieve, Janes, Skaggs, Yonker, Vonk, Antor

ABSENT: Commissioner Bulkowski

NAYS: None

Commissioner Bulkowski joined the meeting at 8:36 a.m.

B. NKTS Scale Replacement – AR

Director Baas reviewed the action request. On August 4, 2020, the decking on the inbound truck scale began to fail at the North Kent Transfer Station. A temporary repair was made to allow traffic to use of the scale and DPW requested a scale assessment with recommendations for repair or replacement.

Two scale companies conducted a site visit and provided quotes with recommendations. Considering the age and condition of the scale and scale pit, the type of scale and future use, a full replacement was recommended by both companies including repair of the pit walls, a new approach pad, scale, scale deck, displays and controller:

- **Mettler Toledo:** \$ 93,550.04
- **Grand Rapids Metrology:** \$ 102,370.00

After reviewing quotes and verifying construction schedules, to avoid additional deck failure and winter construction conditions, staff recommends awarding the inbound scale at the North Kent Transfer Station to Mettler Toledo in the amount of \$93,550.04 the low responsive bid.

Motion

It was moved by Commissioner Janes and seconded by Commissioner Vonk to approve the North Kent Transfer Station inbound scale replacement to Mettler Toledo in the amount of \$93,550.04

The Action Request was approved by the following vote:

YEAS: Commissioners Brieve, Janes, Skaggs, Yonker, Vonk, Antor, Bulkowski

ABSENT: None

NAYS: None

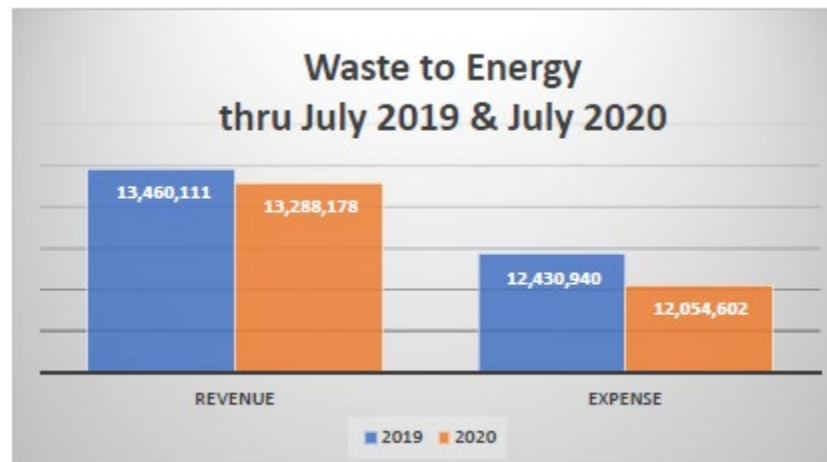
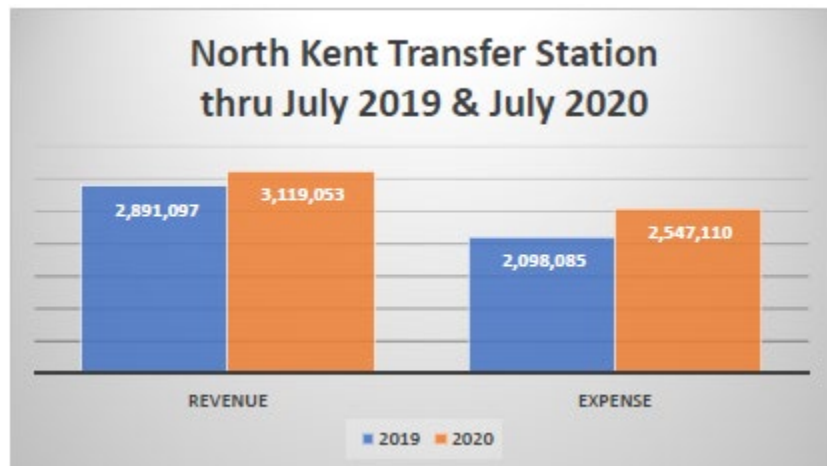
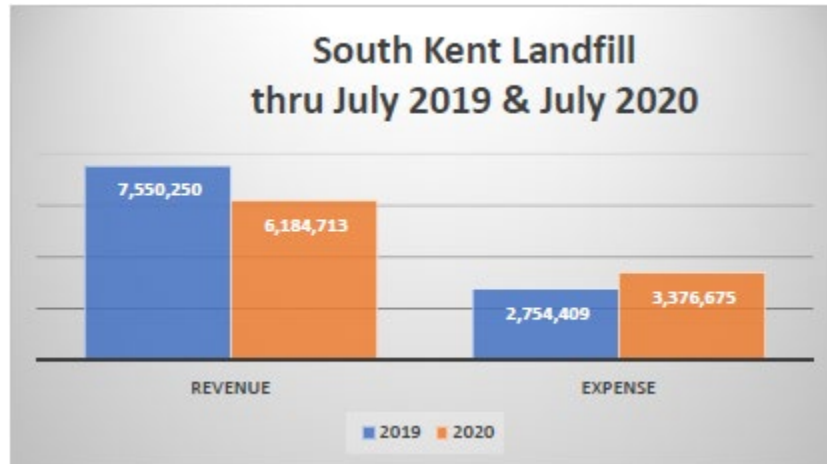
IV. Director's Report

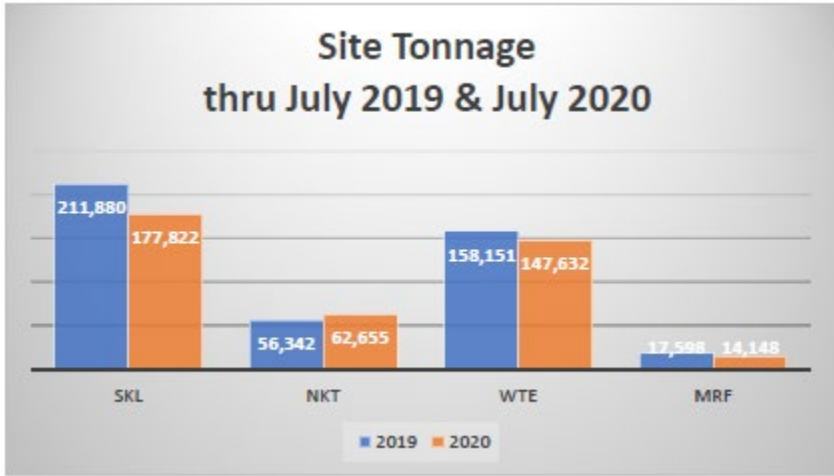
Director Baas discussed the Dashboard PowerPoint slide. Here are some highlights:

- Due to COVID-19 pandemic, the industry experienced a drop in commercial waste generation while residential trash increased by approximately 25%. People worked remotely at home and ordered online.
- The South Kent Landfill revenue and tonnage is lower while the expenses have slightly increased. The impact and change in reduction in tonnage is mainly due to the Solid Waste Exchange Agreement with Republic Services that ended in 2018.
- The Waste-to-Energy Facility volumes are down due to the softening of the commercial waste market that occurred during COVID-19 pandemic. However, since then, the waste

volumes have bounced back. The revenue is stable because of the electric revenue and the \$5.00 increase of the tipping fee.

- The volume at the North Kent Transfer Station is up. We saw more residents than commercial haulers bringing in waste.
- At the Material Recycling Facility (Recycling and Education Center), we are down about 3,450 tons. We had a scheduled outage in February to replace two 10-year-old paper screens that were at the end of their service line. In early March, we shut down for three weeks due to COVID-19.





V. Public Comment/Miscellaneous

Russ Boersma from Arrowaste discussed the SWAP Agreement between DPW and Republic. The tons brought to North Kent are at a negotiated rate and the tons brought to the South Kent are charged the current gate rate. Therefore, DPW is making up some money on the exchange. Also, DPW recorded a 5% decrease in tons at the South Kent Landfill and the Revenue was up 32% from 2018 to 2019. Russ feels that DPW is doing better at South Kent even though the SWAP agreement has ended.

VI. Adjournment

The meeting was adjourned at 9:16 a.m.