



KENT COUNTY BOARD OF PUBLIC WORKS

August 3, 2017

8:30 AM

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

MEMBERS PRESENT: Commissioner Vonk, Koorndyk, Bulkowski, Brieve, Yonker

MEMBERS ABSENT: Commissioner Morren, Skaggs

OTHERS PRESENT: Darwin Baas, Director; Kimberly Williams, Finance Division Director; Alisha Barber, Office Manager; Nic VanderVinne, Resource Recovery and Recycling Manager; Adam Canute, Engineering Intern; Paul Smith, WTE Operations Manager; Cal Brinks, Purchasing/Fleet Services Manager; John Van Tholen, Sales & Community Representative at Granger; Blake Bensman, Sustainability Specialist at Boxed Water; Russ Boersma, General Manager at Arrowaste Inc.; Tony Calcagno Chief Talent Development Officer at Goodwill Industries; Bill Stough, President at Sustainable Research Group; Brian Johnson, Senior Civil Engineer at Progressive A & E

I. Call to Order

Chairman Vonk called the meeting to order at 8:30 a.m.

II. Review and Approval of Minutes

Motion

It was moved by Commissioner Brieve and seconded by Commissioner Koorndyk to approve June 1, 2017 minutes.

Motion carried unanimously.

III. Consent Agenda

A. Conference/Education Travels

i. Resource Recycle Conference 2017 – AR

Director Baas reviewed the Resource Recycle Conference 2017 Action Request. The Resource Recycling Conference provides education and upcoming trends for recycling and composting where research findings and key recycling company developments are provided for resource recovery professionals. Staff is requesting one staff member to attend this conference.

ii. Paradigm Software User Conference – AR

Director Baas reviewed the Paradigm Software User Conference Action Request. The user conference is an opportunity for users to meet, share information, experiences and solutions and to network with each other and the Paradigm Software team. Staff is requesting two staff members to attend this conference.

iii. BMRA Conference – AR

Director Baas reviewed the BMRA Conference Action Request. The Building Material Association's international conference and expo on deconstruction and reuse features 2.5 days of presentations by leaders and innovators in the reuse and deconstruction fields, sharing their best practices, case studies and research. Attendance at this conference will also help Kent County DPW prepare to host the 2018 conference in Grand Rapids. Staff is requesting one staff member to attend this conference.

Motion

It was moved by Commissioner Koorndyk and seconded by Commissioner Brieve to approve Conference and Education Travels.

Motion carried unanimously.

IV. Administration

A. Resource Park Master Plan Consultant Approval – AR

Director Baas reviewed the Resource Park Master Plan Consultant Approval Action Request. Staff received four response bids. Three companies were interviewed and Gershman, Brickner and Bratton, Inc. (GBB) was selected by the interview team. Staff is requesting to use GBB to develop the master plan for the South Kent Landfill expansion property.

Motion

It was moved by Commissioner Koorndyk and seconded by Commissioner Yonker to approve the Resource Park Master Plan Consultant Approval Action Request.

Motion carried unanimously.

V. Solid Waste Operations

A. SKL Expansion Property Acquisition – AR

Director Baas reviewed the SKL Expansion Property Acquisition Action Request. Staff requested a property appraisal by Jakems Appraisal Company that established a fair market value consistent with its present farming use and agricultural zoning of \$108,000. Staff has been unable to negotiate a lower price with the owner. Due to the real estate market conditions, the critical location and anticipated future master plan use for the property, staff recommends the purchase price of \$150,000 to secure the property.

Motion

It was moved by Commissioner Yonker and seconded by Commissioner Breive to approve the SKL Expansion Property Acquisition Action Request.

Motion carried unanimously.

B. Property Maintenance and Monitoring Agreement (Terpstra) – AR

Director Baas reviewed the Property Maintenance and Monitoring Agreement. Approval is requested to enter into an agreement with Mr. Terpstra to permit him to use the 10 acre property for farming for \$350 per year. The DPW is in the process of purchasing the property from Mr. Terpstra.

Motion

It was moved by Commissioner Yonker and seconded by Commissioner Brieve to approve the Property Maintenance and Monitoring Agreement (Terpstra) Action Request.

Motion carried unanimously.

C. Property Maintenance and Monitoring Agreement (Noble) – AR

Director Baas reviewed the Property Maintenance and Monitoring Agreement. Approval is requested to enter into an agreement with Mr. Dennis Nobel to permit him to use the 10 acre property for farming for \$350 per year. The agreement and use is consistent with past arrangements.

Motion

It was moved by Commissioner Brieve and seconded by Commissioner Koorndyk to approve the Property Maintenance and Monitoring Agreement (Noble) Action Request.

Motion carried unanimously.

D. SKL Cell 39 Lining Components – AR

Director Baas reviewed the SKL Cell 39 Lining Components Action Request. Staff recommends the bid be awarded to GSE Environmental. GSE pricing is competitive and provides delivery time meeting the needs of the project. Delays or a delivery extending

beyond 45 days would adversely impact the construction schedule and completed of the project in 2017.

Motion

It was moved by Commissioner Koorndyk and seconded by Commissioner Yonker to approve the SKL Cell 39 Lining Components Action Request.

Motion carried unanimously.

E. SKL Cell 39 Construction – AR

Director Baas reviewed the SKL Cell 39 Construction Action Request. The Cell 39 Construction will provide necessary airspace for future waste placement and a new 5 acre cell. In addition, a berm will be added around the north and east portions of the combustion ash monofill, expanding the area by approximately 0.80 acres.

Motion

It was moved by Commissioner Yonker and seconded by Commissioner Breive to approve the SKL Cell 39 Construction Action Request.

Motion carried unanimously.

VI. Resource Recovery and Recycling Operations

A. OCC Screen Purchase – AR

Director Baas reviewed the OCC Screen Purchase Action Request. With the practice of residents using online shopping and home delivery, the Recycling & Education Center is receiving ever increasing volumes of corrugated boxes (OCC) from single stream recycling programs that are currently hand sorted. The automated OCC sorting equipment will reduce process line manual sort station needs by six at an annual savings of \$246,000. Processing high percentage loads of corrugated cardboard trash loads from the WTE facility is also possible and will allow diversion of high value/high heating value material from WTE for recycling.

Motion

It was moved by Commissioner Brieve and seconded by Commissioner Koorndyk to approve the OCC Screen Purchase Action Request.

Motion carried unanimously.

B. Carton Council Grant Agreement – AR

Director Baas reviewed the Carton Council Grant Agreement Action Request. The cost of installing carton sorting equipment is anticipated to be \$800,000. The Carton Council of North America has agreed to provide a grant in the amount of \$400,000 providing 50 percent of the funds necessary to purchase and install optical equipment to sort cartons

at the REC. Public Works will provide the 50% match of \$400,000 from its Capital Improvement Program fund.

Motion

It was moved by Commissioner Brieve and seconded by Commissioner Koorndyk to approve the Carton Council Grant Agreement Action Request.

Motion carried unanimously.

C. Carton Processing Equipment Purchase – AR

Director Baas reviewed the Carton Processing Equipment Purchase Action Request. The equipment will enable Public Works to accept cartons for recycling from residential, commercial and school district recycling programs in West Michigan and the automated sorting equipment will reduce process line sort staffing by two with an operating savings of \$82,000 annually.

Motion

It was moved by Commissioner Koorndyk and seconded by Commissioner Brieve to approve the Carton Processing Equipment Purchase Action Request.

Motion carried unanimously.

VII. Environmental Compliance Management

A. Kentwood Landfill Gas Collection Expansion – AR

Director Baas reviewed the Kentwood Landfill Gas Collection Expansion Action Request. Due to the detection of methane at varying depths migrating from Kentwood Landfill in 2016, MDEQ and EPA determined an expansion to the existing landfill gas collection system is necessary to collect and destroy the migrating gas.

Motion

It was moved by Commissioner Brieve and seconded by Commissioner Yonker to approve the Kentwood Landfill Gas Collection Expansion Action Request.

Motion carried unanimously.

VIII. Waste to Energy Facility Operations

A. WTE Waste Characterization Study

Director Baas discussed that the Department is reviewing the results from the vendor and will have the document ready for the next Board meeting.

IX. Accounting & Finance

A. DPW Accrual Basis Budget – AR

Director Bass reviewed the DPW Accrual Basis Budget Action Request. The accrual basis budget will streamline and enable the Department to make necessary budget adjustments at the Board level instead of bringing these requests to the full Board of Commissioners and was recommended by the County Budget Director for the DPW's enterprise funds.

Motion

It was moved by Commissioner Brieve and seconded by Commissioner Yonker to approve the DPW Accrual Basis Budget Action Request.

Motion carried unanimously.

X. Approval of Monetary Outlays

Motion

It was moved by Commissioner Yonker and seconded by Commissioner Koorndyk to approve the Monetary Outlays.

Motion carried unanimously.

XI. Correspondence

A. Arrowwaste Letter to Kent County DPW

Director Baas briefly discussed the letter received from Arrowwaste regarding the SWAP agreement. This will be discussed during the September or October Board meeting.

XII. Reports

A. Solid Waste Surcharge – 2016 Annual Report

Director Baas reviewed the Solid Waste Surcharge 2016 Annual Report. This is the first annual report providing an overview of the department activities associated with closed landfills and financial reporting of revenue, expenses, operating budget and fund balance for the Solid Waste Surcharge collected under the Kent County Solid Waste Management Ordinance.

B. Monthly Tonnage

Director Baas reviewed the Monthly Tonnage by site.

C. MRF Outbound Tonnage

Director Baas reviewed the MRF Outbound Tonnage.

XIII. Director's Report

A. MPSC Case U-18090 Avoided Cost Ruling

Director Baas discussed the Avoided Cost Ruling. The Public Service Commission is not grasping the Federal Law requirements in regards to determining the value of the electricity. Currently, we are compensated \$0.08 per kilowatt hour, the new rate being proposed by Consumers Energy is \$0.05 - \$0.06 per kilowatt hour which is a reduction of \$2.5 million dollars in revenue per year.

B. Renewable Energy from Waste Conference Invitation

Director Baas has been invited to speak at the conference in October 2017. He will be speaking about the Resource Park Master Plan.

C. South Kent Landfill Permit Modification Update

Director Baas discussed the Permit Modification update and the public hearing in Byron Center. No comments received from the public regarding the modification except on how to recycle more. We will be moving forward with the expansions planned.

D. Kent County Parks Public Space Recycling Initiative

Director Baas discussed the partnership with the Kent County Parks Department. Both departments will work together to develop a recycling message and type of container being used for public recycling at Millennium Park and Wabisis Lake Campground.

E. Art Prize Public Space Recycling

Director Baas discussed the collaboration with Art Prize, City of Grand Rapids, Sustainable Research Group and others on creating more public recycling areas.

F. Propane Explosion at REC

Director Baas discussed the propane explosion at the Recycling and Education Center (REC). The REC received three one pound propane tanks and they exploded. There was no damage to the machines/facility however, a supervisor received a non-life threatening concussion injury. DPW immediately implemented free one pound propane tank recycling at North Kent Transfer Station, South Kent Landfill and Household Hazardous Waste locations.

G. BMRA Conference 2018

Director Baas discussed the Building Materials Reuse Association Conference coming to Grand Rapids in 2018. Staff will be attending BMRA Conference 2017 in Portland this September.

XIV. Public Comment/Miscellaneous

Brian Johnson, Senior Civil Engineer from Progressive A & E would like to start giving back to this community and has been searching for an opportunity to do so. He is interested in the Master Plan Vision 90% by 2030 and would like to get involved, both personally and through Progressive AE.

XV. Adjournment

The meeting was adjourned at 9:51 a.m.