Sustainable Business Park: Anchor Tenant Recommendation
Kent County Department of Public Works: Integrated Waste Management System
North, Central, South

- Recycling & Education Center (MRF)
- North Kent Transfer Station (NKTS)
- Waste-to-Energy Facility (WTE)
- *metro six flow district
- South Kent Landfill (SKL)
Kent County businesses and residents generate nearly 1,000,000 tons of solid waste each year, including construction and demolition waste (C&D), industrial waste and municipal solid waste (MSW).

Approximately 600,000 tons of MSW currently end up in, or passing through, a Kent County DPW facility each year.
Where we’re going...

Why do something different?

- Extract value from waste and create new jobs, businesses and technology
- Landfills leave a multigenerational legacy – we’re making decisions today that commit us to landfill monitoring and treatment until 2090
- Maintains our positions as a leader in sustainability
- Residents and businesses are asking for zero-waste solutions
- Protects our natural environment and public health

* still requires some landfilling outside of Kent County
Recommendation to Board of Public Works: September 2, 2021

• Experienced
• Medium DPW bonding requirements
• Moderate risk on DPW - revenue sharing
• 60% diversion at startup
• West Michigan “fit”
Outputs:

- Roof Coverboard
- Fertilizer
- Renewable Natural Gas
- Recyclable Commodities
• For every 1,000 square feet of EVERBOARD installed, 2,000 pounds of discarded paper and plastic is diverted from landfills.
• Proposed panel manufacturing facility will produce 150M ft$^2$ of Everboard per year
Decision Points & Milestones

Enter into Project Development Agreement (PDA): 2021/2022

Secure Public Investment: 2021-2023
- $70M Bond
- $19M Site Infrastructure

Phase in Countywide Feedstock Agreement: est. 2023/2024

Mixed Waste Processor Operational: est. 2024/2025

Other Major Decision Points:
- New processing capacity for construction & demolition waste: est. 2023/2024
- Business development for secondary & tertiary tenants: 2022+
Discussion