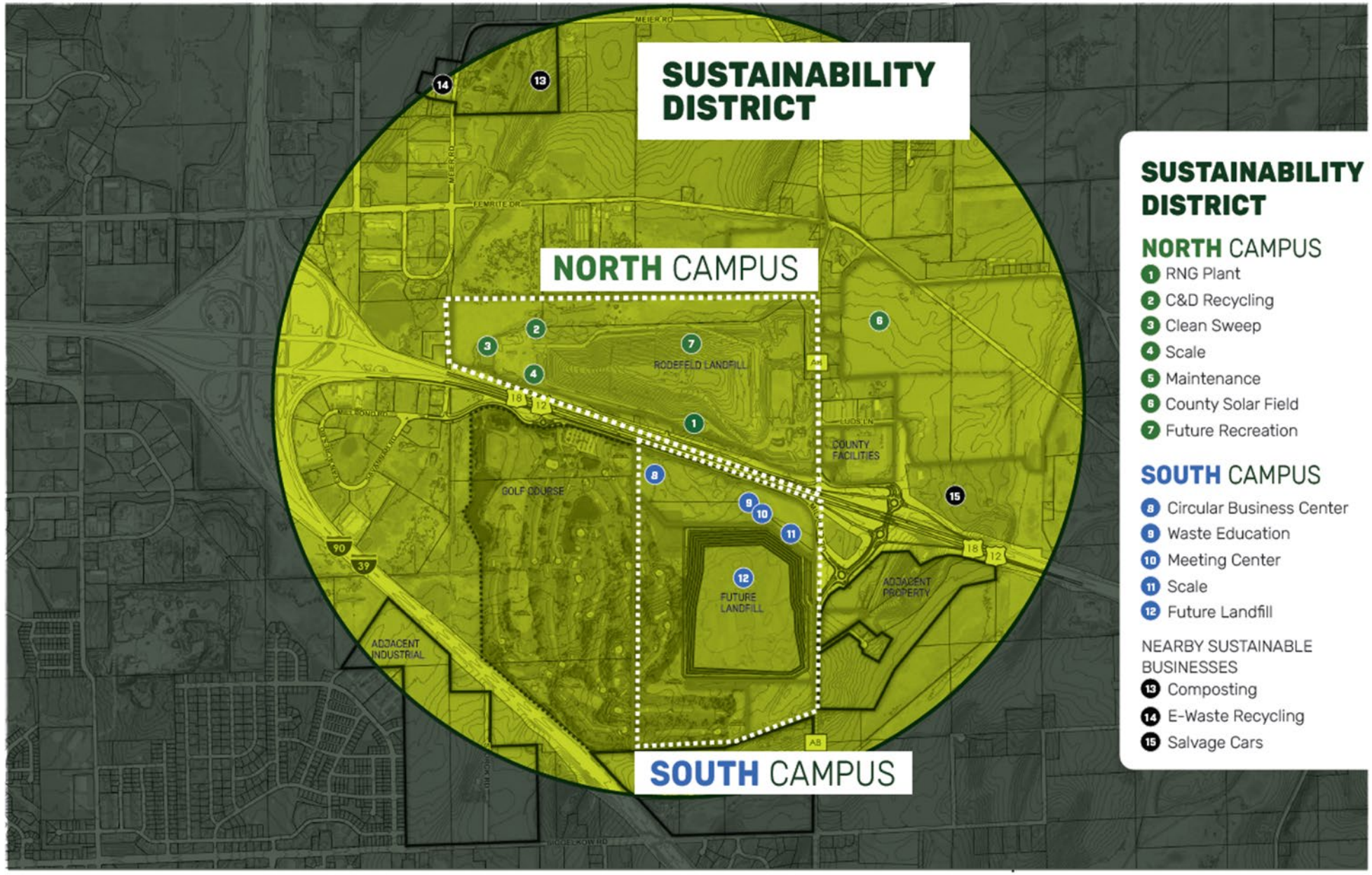
NEW SITE

- Proximity to urban service area
  - Job access
  - Waste hauling distance
- Access to major roadways
- Public utilities available
  - Important for sustainability campus businesses

The next closest landfill is 40 miles away which could increase City's costs of hauling by 80-100%.
This extra hauling also creates GHG emissions and places the burden of our waste on another community.

DANE COUNTY DEPARTMENT OF **WASTE + RENEWABLES**



SUSTAINABILITY DISTRICT

NORTH CAMPUS

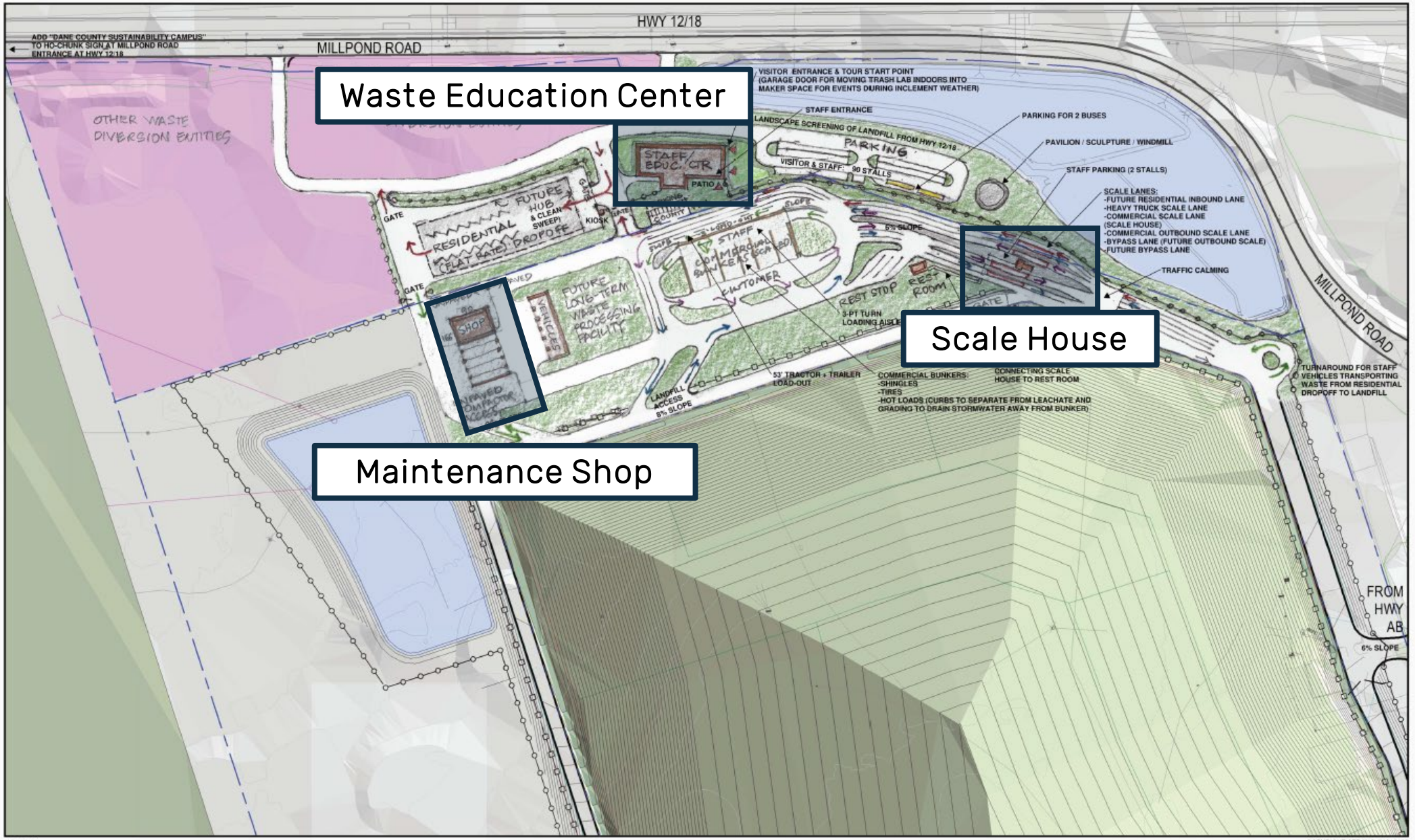
1. RNG Plant
2. C&D Recycling
3. Clean Sweep
4. Scale
5. Maintenance
6. County Solar Field
7. Future Recreation

SOUTH CAMPUS

8. Circular Business Center
9. Waste Education
10. Meeting Center
11. Scale
12. Future Landfill

NEARBY SUSTAINABLE BUSINESSES

13. Composting
14. E-Waste Recycling
15. Salvage Cars


Waste Education Center
Scale House
Maintenance Shop
HWY 12/18
MILLPOND ROAD
ADD "DANE COUNTY SUSTAINABILITY CAMPUS" TO HO-CHUNK SIGN AT MILLPOND ROAD ENTRANCE AT HWY 12/18
OTHER WASTE DIVERSION ENTITIES
VISITOR ENTRANCE & TOUR START POINT (GARAGE DOOR FOR MOVING TRASH LAB INDOORS INTO MAKER SPACE FOR EVENTS DURING INCLEMENT WEATHER)
STAFF ENTRANCE
LANDSCAPE SCREENING OF LANDFILL FROM HWY 12/18
PARKING
VISITOR & STAFF: 90 STALLS
PARKING FOR 2 BUSES
PAVILION / SCULPTURE / WINDMILL
STAFF PARKING (2 STALLS)
SCALE LANES:
-FUTURE RESIDENTIAL INBOUND LANE
-HEAVY TRUCK SCALE LANE
-COMMERCIAL SCALE LANE
(SCALE HOUSE)
-COMMERCIAL OUTBOUND SCALE LANE
-BYPASS LANE (FUTURE OUTBOUND SCALE)
-FUTURE BYPASS LANE
TRAFFIC CALMING
STAFF EDUC. CTR
PATIO
RESIDENTIAL
FUTURE HUB & CLEAN SWEEP
DROPOFF
KIOSK
GATE
FUTURE LONG-TERM WASTE PROCESSING FACILITY
SHOP
VEHICLES
STAFF
COMMERCIAL
CUSTOMER
REST STOP
REST ROOM
3-PT TURN LOADING AISLE
53' TRACTOR + TRAILER LOAD-OUT
LANDFILL ACCESS 8% SLOPE
5% SLOPE
6% SLOPE
COMMERCIAL BUNKERS:
-SHINGLES
-TIRES
-HOT LOADS (CURBS TO SEPARATE FROM LEACHATE AND GRADING TO DRAIN STORMWATER AWAY FROM BUNKER)
CONNECTING SCALE HOUSE TO REST ROOM
TURNAROUND FOR STAFF VEHICLES TRANSPORTING WASTE FROM RESIDENTIAL DROPOFF TO LANDFILL
FROM HWY AB
TN PN
CONCEPTUAL SITE PLAN
SCALE: 1" = 100'-0"
0' 100' 100' 200'
DANE COUNTY SUSTAINABILITY CAMPUS
VEHICLE TRAFFIC KEY:
RESIDENTIAL VEHICLES
HEAVY TRUCKS
COMMERCIAL VEHICLES
STAFF VEHICLES
03/04/2025
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saiki DESIGN
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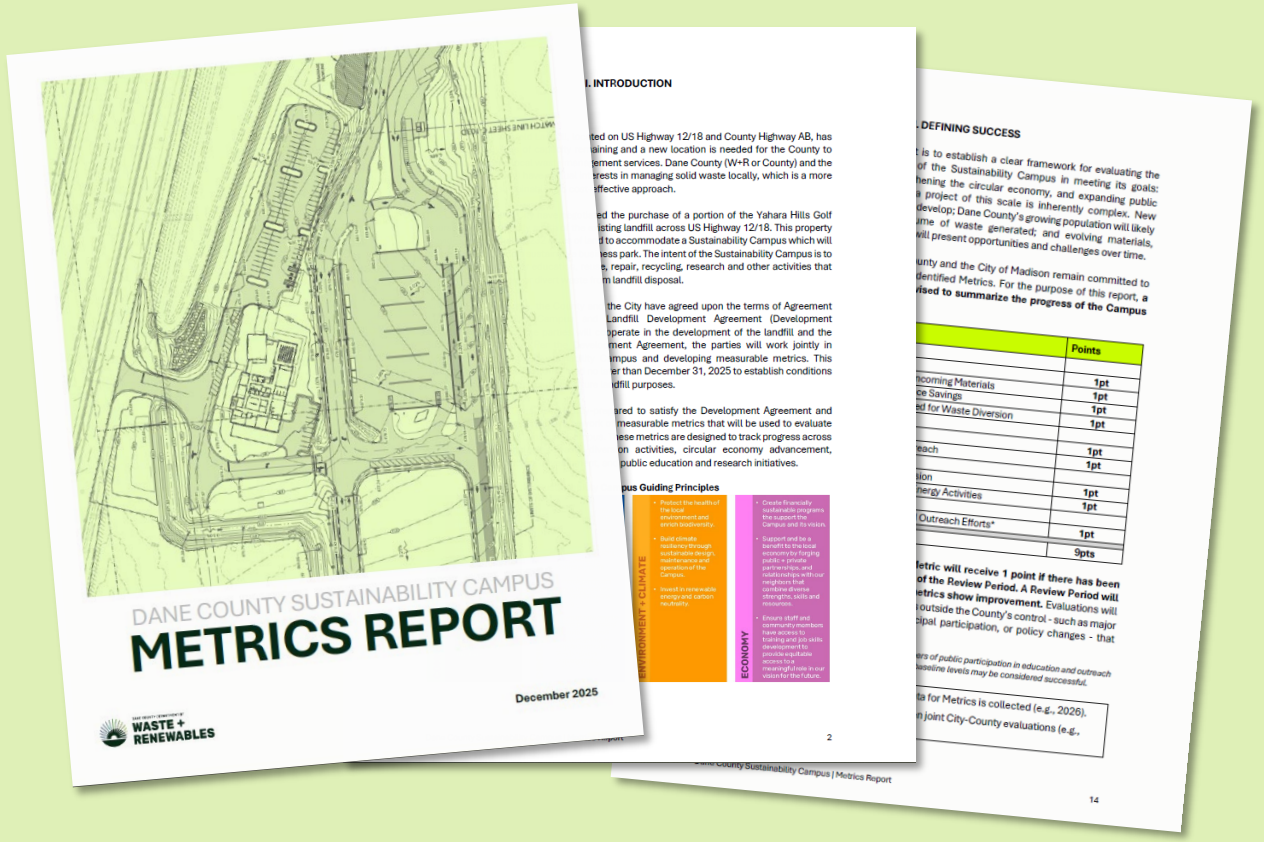
METRICS REPORT

"…the City and County agree to work in good faith to create measurable metrics for the [Sustainability Campus] by December 31, 2025."

METRICS REPORT OVERVIEW

- Provides context for the report
- Defines Guidelines for what is considered a ‘Metric’
- Identifies nine discrete Metrics to be tracked
- Defines how Metrics will be reported
  - Annually by June
- Defines Success



METRICS GUIDELINES

V. METRICS GUIDELINES

The City/County Staff Committee has jointly defined metrics to be durable and attempt to capture the impact of the Sustainability Campus. Given this focus, each Metrics must be:

1. **Measurable** - Metrics must be quantifiable using reliable, regularly collectable data to allow for consistent tracking over time.

2. **Attributable to the Project** - Metrics should reflect new or expanded programs, services, or outcomes that would not occur *but for* the Sustainability Campus project.

3. **Integrated with Broader Department Operations** - Metrics do not need to be limited by the geographical footprint of the business park or Campus.

4. **Technology- and Tenant-Agnostic** - Metrics must remain valid regardless of which specific technologies are deployed or which organizations occupy the Campus.

5. **Aligned with Project Values** - Each metric should reflect one or more of the project's core values: environment + climate, circularity + innovation, economic, and community benefits.

SELECTED METRICS

1. Waste Diversion
    - Waste Diversion by Tonnage
    - Waste Diversion as a Percent of Incoming Materials
    - Waste Diversion in Landfill Airspace Savings
    - Number of Material Types Accepted for Waste Diversion
2. Active Partnerships
    - Partnerships in Waste Diversion
    - Partnerships in Education and Outreach
3. GHG Avoided
    - GHG Avoided Through Waste Diversion
    - GHG Avoided Through Renewable Energy Activities
4. Public Participation
    - Total Public Participation in Education and Outreach Efforts

METRICS SUCCESS

Metric	Points
Waste Diversion	
Waste Diversion by Tonnage	**1pt**
Waste Diversion as a Percent of Incoming Materials	**1pt**
Waste Diversion in Landfill Airspace Savings	**1pt**
Number of Material Types Accepted for Waste Diversion	**1pt**
Partnerships	
Partnerships in Waste Diversion	**1pt**
Partnerships in Education and Outreach	**1pt**
GHG Avoided	
GHG Avoided Through Waste Diversion	**1pt**
GHG Avoided Through Renewable Energy Activities	**1pt**
Public Participation	
Public Participation in Education and Outreach Efforts*	**1pt**
Total	**9pts**

METRICS REPORTING

WASTE DIVERSION BY TONNAGE

Metric 1: Total tons diverted | Metric 2: Percent of incoming diverted

		Baseline Review Period			Review Period 1		
Material Category	**Destination**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
C&D PROCESSING - RECYCLED							
Clean Wood (animal bedding/silt sock)	Recycled	10,152	3,534	5,318	4,855		
Mixed Metal	Recycled	2,991	1,918	2,233	1,646		
Cardboard	Recycled	639	363	298	217		
Aggregate	Recycled	3,763	1,377	1,623	1,945		
C&D Subtotal - Recycled	*Subtotal*	17,545	7,192	9,472	8,663	0	0
C&D PROCESSING - BENEFICIAL REUSE							
Fines	Beneficial Reuse	15,782	13,122	12,531	6,587		
C&D Subtotal - Beneficial Reuse	*Subtotal*	15,782	13,122	12,531	6,587	0	0
C&D PROCESSING - LANDFILLED							
Unrecyclable Residuals	Landfilled	36,655	28,626	29,647	20,024		
C&D Subtotal - Landfilled	*Subtotal*	36,655	28,626	29,647	20,0[illegible]		0
DIRECT DIVERSION							
Asphalt Shingles	Recycled	4,826	6,678	14,633	34,60[illegible]		
Mixed Metals (non-C&D)	Recycled	70	129	185	273		
Automotive Tires	Recycled	859	823	635	549		
BENEFICIAL REUSE							
Brush and Logs	[illegible]	1,354	1,[illegible]		2,775		
Street Sweepings	[illegible]euse	7,471	8,339		6,652		
Grit and Screening	[illegible]ial Reuse	2,273	2,148		2,837		
Contaminated Soil	[illegible]l Reuse	688	1,316	9[illegible]	1,114		
CLEAN SWEEP + SPECIAL							
Latex Paint - Landfill Cover	Be[illegible]use	107	118				
HHW - Special Treatment	Spe[illegible]ent	183	186				
Electronics	Recyc[illegible]	107	96				
Oil Recycling	Recycl[illegible]	16	19				
HHW - Reuse Program	Reuse						
COMPOST							
Food Scraps	Compost				125		
Yard Waste	Compost				364		

ANNUAL METI[illegible] SUMMARY

		Baseline Review Period			Review Period 1		
Metric	**Unit**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
[illegible]aste Diversion b[illegible]nnage	Tons	**23,423**	**14,937**	**24,925**	**44,573**		
2[illegible]ste Diversion a[illegible]of Incoming	%	**7.2%**	**4.2%**	**6.7%**	**11.6%**		
3. [illegible]pace Savings	[illegible]ic Yards	**[illegible],093**	**97,120**	**140,018**	**182,895**		
4[illegible]terial Types Ac[illegible]	[illegible]nt	[illegible]	**23**	**23**	**27**		
[illegible]Partnerships in Di[illegible]n		**x**	**x**	**x**	**12**		
[illegible]ships in Ed[illegible]on	Count	**x**	**x**	**x**	**22**		
7. GH[illegible]ded (Dive[illegible]n)	MTCO2e	**-17,457**	**-11,529**	**-13,709**	**-13,039**		
8. GHG A[illegible]d (Ren[illegible]les)	MTCO2e	**x**	**x**	**x**	**x**		
9. Public Pa[illegible]tio[illegible]	People	**5,888**	**9,752**	**6,774**	**10,470**		

DRAFT

THANK YOU!