

ICI Waste Diversion - Triple Bottom Line Review

Process and Methodology

The Administration used the City of Saskatoon's (City) Triple Bottom Line (TBL) Decision Making Tool in order to comply with *Council Policy C08-001 - Triple Bottom Line*.

In conducting the analysis, the Administration relied on the expertise of the Project Team and Subject Matter Experts from the Organization Strategy Execution, Community Standards, and Sustainability Departments(s).

This review is meant as a high-level assessment to identify the initiative's environmental, social, economic, and governance outcomes, as well as to identify opportunities to achieve even greater sustainability benefits. The results are meant to support ongoing decision making, rather than be relied upon as a fixed sustainability evaluation.

Caveats and Limitations:

- The following internal/external factors impacted the initiative's ability to achieve higher TBL outcomes in certain areas:
 - Funding for the program has not been finalized and will impact its effectiveness to reach TBL outcomes.
 - Community uptake is an important external factor that will impact TBL outcomes. The City will proactively encourage uptake thorough education and enforcement.

Results & Findings

Overall, the results of Administration's TBL review indicate that:

- The Waste Diversion Regulations for the Industrial, Commercial & Institutional (ICI) sector would achieve greater TBL benefits than no action.
- There are additional opportunities that could be explored to enhance the TBL outcomes of the initiative (see the "For Further / Future Consideration" sections later in this document).

A summary of results for each TBL principle and indicator are included in the subsequent section of this document. To provide context, a numerical description of the outcomes are shown in the following table:

TBL Score	TBL Outcome
Below 0%	Not Meeting Expectations
0-19%	Needs Improvement
20-39%	On-Track
40-59%	Meeting Expectations
60-79%	Exceeding Expectations
Above 80%	Leading the Way

Principle: Environmental Health and Integrity

TBL Outcome - by Principle:

Principle	Score	Max In-Scope Points	% Achieved	Outcomes
Environmental Health and Integrity	10	27	37%	On track

TBL Outcomes - by Indicator:

Indicator	Waste Diversion Regulations for the ICI sector
Climate Change Mitigation and Adaptation	<ul style="list-style-type: none">Reducing waste that ends up in landfill will reduce GHG emissions related to landfilling.
Green Buildings and Sustainable Land Use	<ul style="list-style-type: none">BOMA standard includes waste/recycling in operating a building so this program could support uptake of green building standards.
Sustainable Transportation	<ul style="list-style-type: none">Negative impact: more collection trucks on the street could potentially increase fuel use.
Clean Air, Water, and Land	<ul style="list-style-type: none">As waste is diverted from the landfill the risk of environmental contamination goes down, this reduces long term risk of landfill releases to the environment.
Waste Reduction and Diversion	<ul style="list-style-type: none">Waste reduction and diversion is a major benefit of the program.
Sustainable Food System	<ul style="list-style-type: none">Organics regulation promotes food reclamation and donation.

For Further / Future Consideration

- Further policies are expected to be developed through the Solid Waste Reduction and Diversion Plan which will increase waste diversion and reduce greenhouse gas production.

Principle: Social Equity and Cultural Wellbeing

TBL Outcome - by Principle:

Principle	Score	Max In-Scope Points	% Achieved	Outcomes
Social Equity and Cultural Wellbeing	22	48	46%	Meeting expectations

TBL Outcomes - by Indicator:

Indicator	Waste Diversion Regulations for the ICI sector
Equity and Opportunity	<ul style="list-style-type: none">Support by providing free tools and resources and having a support person at the city available. Trying to make it as easy for small business and non-profits to be compliant.
Diversity and Inclusion	<ul style="list-style-type: none">Social media posts and communications materials should show a diverse and representative community.
Self Sufficiency and Living with Dignity	<ul style="list-style-type: none">Organics program should improve food donation, improves food security. Recycling can create more jobs compared to landfilling.
Health and Wellbeing	<ul style="list-style-type: none">Recycling is a daily action that helps the environment so makes people feel they are making a positive impact in their community.

For Further / Future Consideration

- Consider providing education materials - using imagery and infographics, materials in multiple languages.
- Try to make the regulations simple to comply with.
- Collections costs might increase initially, but the City can help by trying to reduce administrative burden, especially for small business and non-profits.
- Include information about disposal of confidential information.
- Consider providing City waste services to community organizations.

Principle: Economic Benefits

TBL Outcome - by Principle:

Principle	Score	Max In-Scope Points	% Achieved	Outcomes
Economic Prosperity and Fiscal Responsibility	38	63	60%	Exceeding expectations

TBL Outcomes - by Indicator:

Indicator	Waste Diversion Regulations for the ICI sector
Innovation	<ul style="list-style-type: none"> • Food reclamation will require innovation. • A good communication strategy will support learning. • Several ICI organizations want to be green leaders, this will support them with tools.
Sustainable Procurement	<ul style="list-style-type: none"> • Supports uptake of sustainable practices. • Providing a recycling service directory - could highlight business with additional TBL practices and diversity.
Financial Planning and Resourcing	<ul style="list-style-type: none"> • Will be essential part of education - provide info on life-cycle costing and saving opportunities.
Affordability for Users	<ul style="list-style-type: none"> • Businesses may be able to save in the long term as landfill costs increase.
Support the Local Economy	<ul style="list-style-type: none"> • Directing businesses to find their own service provider stimulates the local economy. • ICI working group made up of stakeholders from the sector - including Chamber, haulers, NSBA, Downtown BID, U of S.
Asset Management	<ul style="list-style-type: none"> • Will extend the life of the landfill. • This service exists in the community, we are now expecting business to connect with it. • The new composting facility is being built to accommodate ICI and timing with opening the facility aligns with this program.
Skills and Training	<ul style="list-style-type: none"> • Work with Research Junction on food reclamation is looking at how to make it easy for businesses to participate, this will be included in the education and communications plan.
Labour Rights and Employment	<ul style="list-style-type: none"> • Provides an opportunity to incorporate sustainable actions into work life.

For Further / Future Consideration

- Consider carbon pricing calculations as education tool.
- Potential to highlight diverse service providers.

Other Notes

- Financial implications are included in the body of the report.

Principle: Good Governance

TBL Outcome - by Principle:

Principle	Score	Max In-Scope Points	% Achieved	Outcomes
Good Governance	60	72	83%	Leading the way

TBL Outcomes - by Indicator:

Indicator	Waste Diversion Regulations for the ICI sector
Ethical and Democratic Governance	<ul style="list-style-type: none">Action was identified in the City's strategic plan.Waste is a big challenge and can leave legacy issues if not managed properly. This addresses a risk.ICI sector was involved in the development of the program.
Education, Communication, Engagement, Capacity Building	<ul style="list-style-type: none">Engagement has been extensive through out and is meant to be ongoing for several years as bylaw is implemented.Annual employee education is a Bylaw requirement.
Monitoring, Reporting and Compliance	<ul style="list-style-type: none">Followed Project Management Standards.Monitoring is encouraged for businesses and report to their employees to improve recycling program.The City will be tracking complaints and measures taken to bring people into compliance.
Agility and Adaptiveness	<ul style="list-style-type: none">Solid waste reduction and diversion plan will be reviewed/reprioritized regularly, at a minimum every 5 years.

For Further / Future Consideration

- Continue engagement with the ICI sector.
- Look at requiring haulers to report waste data to the city.
- Look at options to report diversion rate to city.
- Consider success stories and case studies during education.
- Business challenges - target restaurants.
- Share stories of benefits/cost savings to businesses – 1 tonne waste =\$105, 1 tonne organics =\$80.