

Waste Management Services Long Term Strategic Plan

Waste Management Planning Steering Committee

April 19, 2021

Long Term Strategic Plan Development

Waste Management is releasing a RFP for the development of a Long Term Waste Management Strategic Plan (WMSP) that will:

- establish a planning framework and strategic direction for waste management in Niagara Region over the next 25 years
- include a detailed implementation plan with timelines for targets, strategies, and actions and recommendations on infrastructure and funding
- include recommendations for sustainable, diverse, long-term waste management practices and systems that are consistent with Niagara Region's corporate vision and strategies.

Key Deliverables:

Assessment of Current System – ‘Where We Are’

- Baseline Analysis and Report
 - Analysis of Niagara Region’s current waste management system including programs, services, processes, financing methodology and program performance
 - Report containing life cycle analysis of baseline system, risk analysis and identification of constraints, opportunities and gaps
- Review of Federal, Provincial and Comparable Municipalities’ Policies and Programs
- Best Practices Report
 - Assessment of initiatives, policies, benchmarks and practices in other jurisdictions that would be feasible and align with Niagara Region’s strategic direction

Key Deliverables: Development of Direction and System Options– ‘Where We Want to Go’

- Visions, Goals and Guiding Principles
 - With stakeholder input, develop a vision, goals and guiding principles for the Waste Management System that will balance environment, economic and social factors
- Projections
 - Establish baseline financial and tonnage projections for 25 years beginning 2022. Then develop a second version of the projection to reflect the recommended system including a forecast for implementation and operational costs



Key Deliverables: Development of Direction and System Options– ‘Where We Want to Go’

- Opportunities for Innovative Program Delivery including Alternative Technologies
 - Analysis and recommendations for innovative program delivery
 - Recommendation of proven and new/emerging technologies that increase diversion and/or energy recovery in an environmentally sound manner, while emphasizing options that are economical, energy efficient, acceptable to stakeholders, and allow for highest and best use of materials
 - Expansion upon and update of Niagara Region’s previously completed Alternative Technology technical memos
 - Cost/benefit analysis of each of the technologies including financial, social and environmental impacts, specifically analyzing the factors affecting alternative disposal technologies

Key Deliverables: Preferred System – ‘How We Are Going to Get There’

- Waste Management Strategic Plan recommendations
 - Include preferred options, resources and facilities required, evaluation and life cycle analysis, key strategies, actions and measures for each option, cost and funding strategy, roles and responsibilities and implementation risks
- Provide an Implementation Plan with Detailed Timelines
- Develop a Strategy for Adapting to Legislative Changes and Implementation Risks
- Establish 3Rs Targets to be Achieved over 25 Year Timeframe

Stakeholder Consultation

- The WMSP will not be developed in isolation. Stakeholders that will be consulted and informed throughout the process include:
 - Waste Management Planning Steering Committee (WMPSC), Public Works Committee (PWC), Niagara Region and Local Area Municipal Councils/Staff
 - Regional departments including Planning and Development Services and Corporate Services
 - Residents
 - Business groups
 - Waste Management service providers (collectors, processors)



Project Milestones





Questions?