

TOWN OF BLIND RIVER WASTE MANAGEMENT PLAN ENVIRONMENTAL ASSESSMENT

PUBLIC OPEN HOUSE - February 22, 2016

WHAT TO DO:

- 1. PLEASE SIGN IN!**
- 2. REVIEW THE INFORMATION BOARDS.**
- 3. TOWN AND CONSULTANT REPRESENTATIVES ARE AVAILABLE TO DISCUSS THE PROJECT WITH YOU AND TO ANSWER QUESTIONS.**
- 4. LEAVE ANY WRITTEN COMMENTS YOU MAY HAVE ON ONE OF THE PROVIDED FORMS.**



ADDITIONAL PROJECT INFORMATION IS AVAILABLE ONLINE AT:

www.kresinengineering.ca (click on “Projects” in the menu bar)

TOWN OF BLIND RIVER WASTE MANAGEMENT PLAN ENVIRONMENTAL ASSESSMENT

BACKGROUND AND PROBLEM STATEMENT

1. The remaining capacity of the existing waste disposal site is estimated to be less than 4 years.
2. To address this issue, the Town initiated the Environmental Assessment (EA) Planning Process to develop a long-term waste management plan (WMP).
3. The EA Planning Process will address the non-hazardous residential, industrial, commercial and institutional (IC&I), construction and demolition (C&D), biosolid and iron sludge wastes generated within the Town. Household hazardous (special) waste will also be considered.
4. The proposed planning period will range from 25 to 40 years (or other duration) depending on the preferences identified during the EA Planning Process.



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EA TASKS COMPLETED

A. Develop EA Terms of Reference

1. Received Ministerial approval of the EA Terms of Reference (ToR) – July 2008.

B. Conduct EA in Accordance with the ToR

1. Issue Notice of Commencement - February 2009
2. EA Task 1 - Develop problem/opportunity statement - December 2009
3. EA Task 3 - Curb-side bag limits introduced and recyclable materials expanded - 2010 to 2011.
4. EA Task 3 - Waste Recycling Strategy finalized and components implemented - May 2012.
5. EA Task 2 - Alternative Waste Management Systems reviewed, preferred identified - February 2013.
6. EA Task 4 - Screening of alternative waste disposal sites completed, preferred identified - March 2015.
7. EA Task 5 – Assessment of preferred site initiated – December 2015

TERMS OF REFERENCE - NOTICE OF APPROVAL
ENVIRONMENTAL ASSESSMENT ACT
SECTION 6(4)
APPROVAL OF TERMS OF REFERENCE
FOR
THE PREPARATION OF AN ENVIRONMENTAL ASSESSMENT

RE: Proponent: The Corporation of the Town of Blind River
Undertaking: Town of Blind River Municipal Waste Management Plan
EA File No.: EA-02-08-02-03

As provided for by section 6(4) of the *Environmental Assessment Act*, the Terms of Reference (ToR), as submitted for approval to the Ministry of the Environment on February 20, 2008 and revised through the submission of the ToR dated April, 2008 to govern the preparation of an Environmental Assessment (EA) for the above-noted undertaking, is hereby approved.

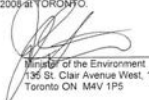
Pursuant to subsection 6.1(1) of the *Environmental Assessment Act*, any EA for the above-noted undertaking, submitted to the Ministry of the Environment pursuant to subsection 6.2(1) of the *Environmental Assessment Act*, must be prepared in accordance with the ToR as hereby approved.

Reasons:

I am satisfied that an EA prepared in accordance with the ToR will be consistent with the purpose of the *Environmental Assessment Act* and the public interest for the following reasons:

1. The ToR ensures that the EA will be completed using a comprehensive public and government agency consultation process that is open and transparent.
2. The ToR ensures that the completed EA will contain a sufficient level of detail to accurately assess the environmental effects of all alternatives and the proposed undertaking, and.
3. The ToR sets out a planning process that will ensure the completed EA will be consistent with the purpose of the EAA and the public interest.

Dated the 11th day of July, 2008 at TORONTO.

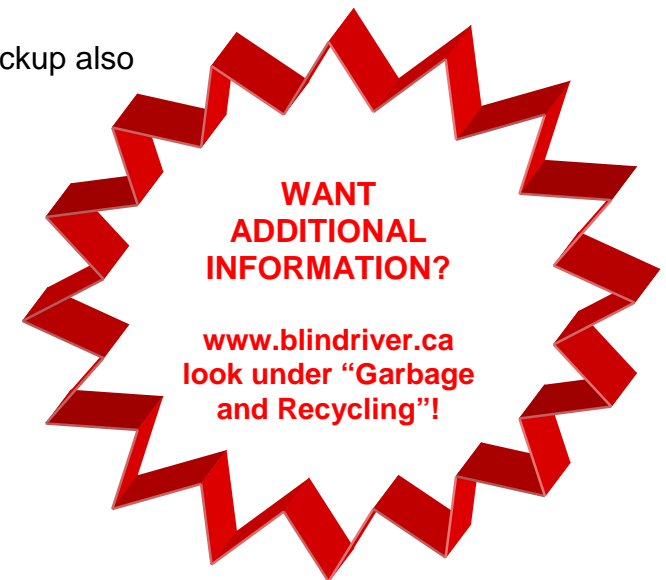


Minister of the Environment
136 St. Clair Avenue West, 12th Floor
Toronto, ON M6V 1P5

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EXISTING WASTE MANAGEMENT SYSTEM

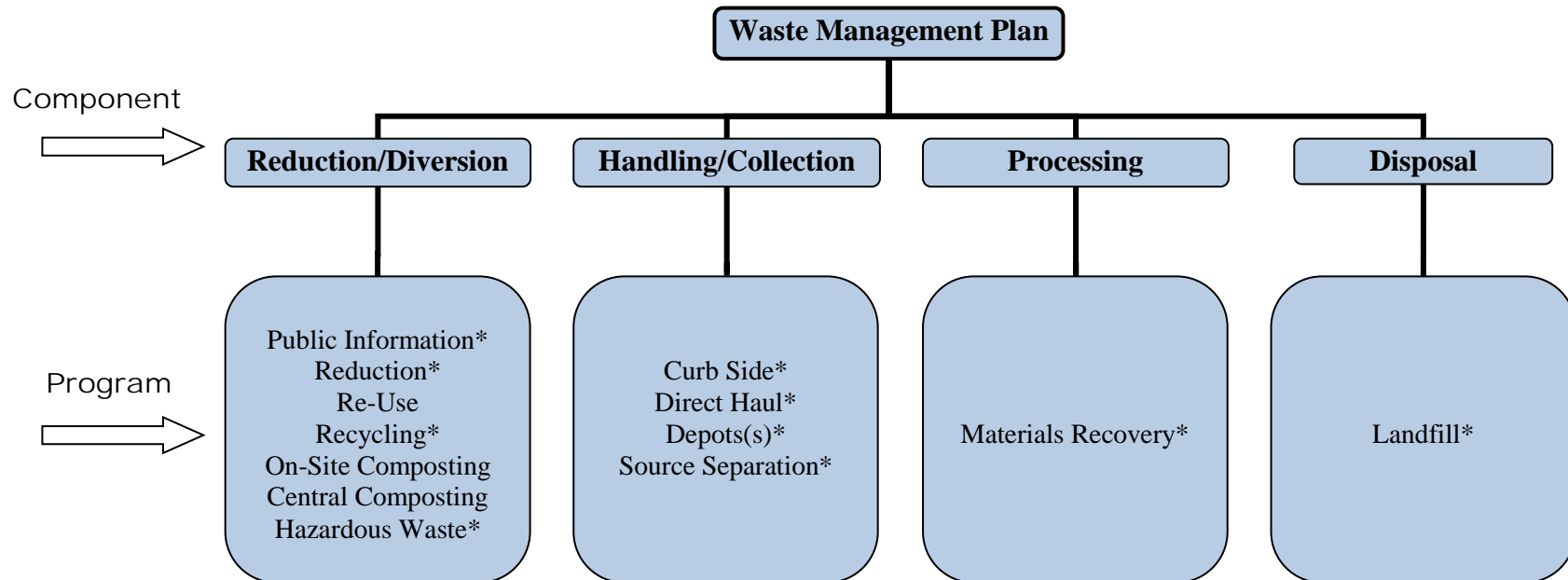
1. Waste is collected from residential households weekly (max. 2 bags without tags) and twice weekly from the IC&I sector. Dumpsters located throughout the municipality are also collected on a regular basis.
2. Residential recycling (Blue Box program) pickup and commercial recycling pickup also occurs weekly.
3. The Town's Blue Box recycling program includes the collection of newsprint, magazines, catalogues, household papers, corrugated cardboard, boxboard, glass bottles/jars, steel and aluminum cans and plastics.
4. Monthly bulk item pick-up - including furniture, fridges, stoves, washers and dryers, etc.
5. Direct-haul disposal is allowed on days when the landfill site is open.
6. Tires, scrap metals and white goods are stockpiled at the landfill site for recycling/diversion.
7. Household hazardous wastes including corrosive, toxic, reactive and flammable wastes are collected by a qualified contractor on Household Hazardous Waste Days (HHWD) scheduled by the Town.



TOWN OF BLIND RIVER WASTE MANAGEMENT PLAN ENVIRONMENTAL ASSESSMENT

PREFERRED WASTE MANAGEMENT PLAN COMPONENTS

1. A WMP is comprised of several key components that may be categorized according to general functions.
2. Following completion of assessments under EA Tasks 2 and 3, the preferred waste management plan was determined to include the components and programs identified in the figure below.



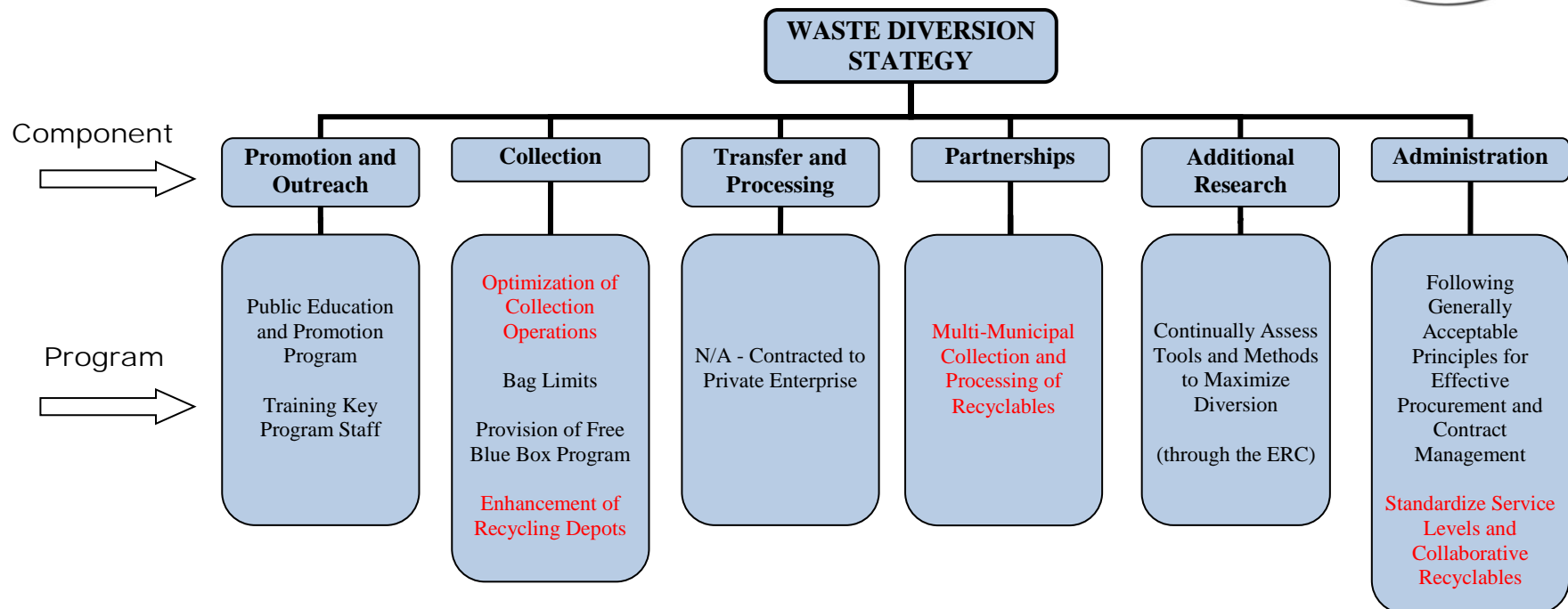
3. The Town's existing WMP currently incorporates the programs denoted with an asterisk. Programs that are part of the existing WMP will remain in-place and consideration will be given to their enhancement.

TOWN OF BLIND RIVER WASTE MANAGEMENT PLAN ENVIRONMENTAL ASSESSMENT

WASTE REDUCTION / DIVERSION STRATEGY

1. Reduction and diversion programs were evaluated as part of the “Waste Recycling Strategy”.
2. Six priority programs and four potential future programs were identified for implementation.
3. The resulting waste diversion strategy would include the components and programs below.

(potential future programs are denoted in red text)



TOWN OF BLIND RIVER WASTE MANAGEMENT PLAN ENVIRONMENTAL ASSESSMENT

SCREENING OF CANDIDATE DISPOSAL SITES

1. As the preferred waste management plan includes disposal by landfilling, a screening process was conducted to identify potential site locations to provide new or expanded disposal capacity.
2. Within the established Municipal boundary, a search area was identified within 5 kilometers of Highway 17, to identify a location in close proximity to where the majority of waste is produced.
3. Buffers were then applied to waterbodies, communities and roadways. This established six (6) candidate site locations determined to be of adequate land area and soil type to accommodate a landfill site.



TOWN OF BLIND RIVER WASTE MANAGEMENT PLAN ENVIRONMENTAL ASSESSMENT

SCREENING OF CANDIDATE DISPOSAL SITES, Continued

4. Candidate sites were then assessed considering terrain, inferred direction of groundwater flow and nearby land uses, Location No. 1 was subsequently identified as being preferred.

Location No.	Distance from Centroid (km)	Available Area (ha)	Comments
1	5.8	30	<ul style="list-style-type: none"> • Location includes the current WDS. • Access is from Highway 17. • Downgradient lands include Highway 17, an MTO maintenance compound, municipal land, HCR right-off-way and a portion of the North Channel Inshore Provincial Park. • Official Plan designates lands as “Waste Management Assessment”, “Employment Area” and “Rural and Resource Area”. • Downgradient lands designated as “Rural Resource Area” and “Open Space” in the Official Plan.
2	4.8	67	<ul style="list-style-type: none"> • Review of satellite imagery identifies that development exists in this industrial area just north of the highway. Site is therefore removed from further consideration. • Solar farm – part identified as “Employment Area” in the Official Plan.
3	3.0	31	<ul style="list-style-type: none"> • Includes parcels of private property and residences. • Residences are located near to the boundaries of this area. • Suspected bedrock outcrops within this area. • Limited downgradient land. • Official Plan identifies land as “Aggregate Resource Area”.
4	3.7	70	<ul style="list-style-type: none"> • Several homes downgradient of this area. • Parcels of private property extend into the area. • Part identified as “Aggregate Resource Area” and part as “Rural and Resource Area” in the Official Plan.
5	3.0	47	<ul style="list-style-type: none"> • Area includes parcels of privately owned land. • Downgradient lands include private residential properties. • Official Plan identifies land as “Aggregate Resource Area”.
6	5.3	34	<ul style="list-style-type: none"> • Downgradient lands include private residential properties. • Part identified as “Aggregate Resource Area” and part as “Rural and Resource Area” in the Official Plan.

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SUMMARY

1. The preferred waste management plan includes reduction and diversion programs as well as landfilling.
2. Initiatives such as bag limits, blue box recycling and diversion of white goods, tires and e-wastes have been implemented and/or improved on. Some of the improvements are market driven.
3. A screening exercise has identified expansion of the current waste disposal site as the preferred alternative to provide additional disposal capacity.

NEXT STEPS IN THE PROCESS

1. Task 5 of the EA, which involves the identification and assessment of alternative methods to provide additional disposal capacity at the existing landfill site, has been initiated.
2. Task 5 will require the completion of detailed assessments of the capacity of the site to accommodate additional waste and to manage, through natural attenuation, the leachate it generates.
3. Following confirmation of site capacities and characteristics, conceptual designs will be prepared and assessed to identify the preferred alternative method for implementation.
4. Task 6 of the EA involves the preparation of the required EA summary report as well as the required consultation with members of the Public, Provincial Ministries and other interested parties.