

**ENVIRONMENTAL ASSESSMENT ACT SECTION 7.1
NOTICE OF COMPLETION OF MINISTRY REVIEW**

**AN INVITATION TO COMMENT ON THE ENVIRONMENTAL ASSESSMENT
FOR THE PROPOSED ENVIRONMENTAL ASSESSMENT FOR ONE OR MORE
WASTE DISPOSAL SOLUTIONS FOR THE MUNICIPALITY OF MCDUGALL AND
OTHER AREA MUNICIPALITIES**

An environmental assessment (EA) has been submitted to the Ministry of the Environment by the Municipality of McDougall for the undertaking, the expansion of the McDougall Landfill Site in the Municipality of McDougall. The Ministry of the Environment has prepared a Review of the EA for review and comment by the general public, agencies and aboriginal peoples. The Review of the EA does not make a decision about the EA. That decision is made by the Minister of the Environment after the comment period is over and consideration of all submissions.

You can submit comments on the undertaking, the environmental assessment, and the ministry Review. You may also request a hearing by the Environmental Review Tribunal. If you request a hearing you must state in your submission, whether you are requesting a hearing on the whole application or on only specified matters related to the application.

HOW TO GET THE INFORMATION YOU NEED

You can inspect the EA and the ministry Review during normal business hours at the following locations:

Ministry of the Environment
Environmental Assessment & Approvals Branch
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario M4V 1L5
(416) 314-8001

Ministry of the Environment
Timmins District Office
Ontario Government Complex
Highway 101 East, Postal Bag 3080
South Porcupine, Ontario P0N 1H0
(705) 235-1500

Copies are also available for viewing at:

Municipality of McDougall Municipal Office
R.R. # 3
Parry Sound, Ontario
(705) 342-5252

Parry Sound Municipal Office
52 Seguin Street
Parry Sound, Ontario
(705) 746-2101

Parry Sound Library
29 Mary Street
Parry Sound, Ontario
(705) 746-9601

McKellar Municipal Office
701 Highway 124
McKellar, Ontario
(705) 389-2842

McKellar Public Library
701 Highway 124
McKellar, Ontario
(705) 389-2611

Seguin Municipal Office
R.R. #2, 5 Humphrey Drive
Parry Sound, Ontario
(705) 732-4300

Seguin Public Library - Foley Branch
76 Rankin Lake Road
Parry Sound, Ontario
(705) 732-4526

The Archipelago Municipal Office
9 James Street
Parry Sound, Ontario
(705) 746-4243

Carling Municipal Office
2 West Carling Road, R.R. #1
Nobel, Ontario
(705) 342-5856

Please ensure your written comments are received by: November 11, 2005.

SEND WRITTEN COMMENTS TO:

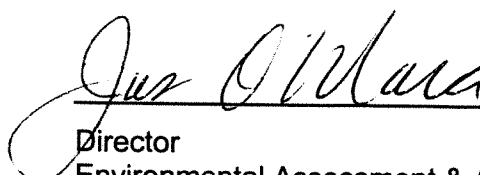
Director
Environmental Assessment & Approvals Branch
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario M4V 1L5
Attention: Catherine McLennon, Special Projects Officer (A)
catherine.mclennon@ene.gov.on.ca
Phone: (416) 314-7222 or 1-800-461-6290
Fax: (416) 314-8452

BE SURE TO EXPRESS YOUR VIEWS

If you make a submission or request a hearing before the above date, you will be notified of any decisions about this environmental assessment. Otherwise, the undertaking may proceed without further notice to you.

If no submissions or requests for a hearing are received, the undertaking may be approved with no further public notice. This will allow the undertaking to proceed.

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in all submissions become part of the public record files for this matter and can be released, if requested, to any person.



Director
Environmental Assessment & Approvals Branch
Ministry of the Environment

REVIEW UNDER THE ENVIRONMENTAL ASSESSMENT ACT

**ENVIRONMENTAL ASSESSMENT FOR ONE OR MORE
WASTE DISPOSAL SOLUTIONS FOR THE MUNICIPALITY
OF MCDOUGALL AND OTHER AREA MUNICIPALITIES**

Submitted by:

The Corporation of the Municipality of McDougall

EA File No. EA-02-08

*Review prepared pursuant to subsection 7(1) of the
Environmental Assessment Act, R.S.O. 1990
Province of Ontario by the Ontario Ministry of the Environment
Environmental Assessment and Approvals Branch*

September 2005

NEED MORE INFORMATION?

Public Record Locations

You can view the public record for this environmental assessment during normal business hours at the following Ministry office:

Ministry of the Environment
Environmental Assessment and Approvals Branch
2 St. Clair Avenue West, Floor 12A
Toronto ON M4V 1L5
Tel: (416) 314-8001/(800) 461-6290
Fax: (416) 314-8452

Additional files containing the environmental assessment, and a copy of the Review and Notices are available at the following locations:

Ministry of the Environment
Timmins District Office
Ontario Government Complex
Highway 101 East, Postal Bag 3080
South Porcupine ON P0N 1H0
Tel: (705) 235-1500

Municipality of McDougall Municipal Office
R.R. # 3
Parry Sound ON P2A 2W9
Tel: (705) 342-5252

Copies of the environmental assessment, the Review and Notices are available for viewing at:

Parry Sound Municipal Office
52 Seguin Street
Parry Sound ON
Tel: (705) 746-2101

Parry Sound Public Library
29 Mary Street
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The Archipelago Municipal Office
9 James Street
Parry Sound ON
Tel: (705) 746-4243

Carling Municipal Office
2 West Carling Bay Road, R.R. #1
Nobel ON
Tel: (705) 342-5856

MAKING A SUBMISSION?

A five-week public review period will follow publication of this Review. During this time, any interested parties can make submissions about the proposed undertaking, the environmental assessment or this Review. Should you wish to make a submission, please send it to:

Mr. James O'Mara, Director
Ministry of the Environment
Environmental Assessment and Approvals Branch
2 St. Clair Avenue West, Floor 12A
Toronto ON M4V 1L5
Fax: (416) 314-8452

Re: Municipality of McDougall Landfill Expansion Environmental Assessment
Attention: Catherine McLennon, Special Projects Officer (A)

Under the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in all submissions become part of the public record files for this matter and can be released if requested.

PREFACE

This Review has been prepared by staff of the Environmental Assessment and Approvals Branch, of the Ministry of the Environment, with input from various government agencies, potentially affected aboriginal communities, and the general public.

The Review evaluates the environmental assessment (EA) submitted by the Corporation of the Municipality of McDougall (the Municipality) under the requirements of the *Environmental Assessment Act* (EAA). The Review has been prepared to assist the Minister of the Environment (the Minister) in making a decision about the EAA application.

On January 1, 1997, the EAA was amended to enable proponents to prepare and receive approval for a Terms of Reference (ToR). The ToR identifies how a proponent plans to address the requirements of the EAA. An EA is then prepared in accordance with the approved ToR. On June 30, 2004, the Minister approved the Municipality's ToR. An EA was then prepared and submitted for review on June 17, 2005.

This Review is subject to the provisions of Ontario Regulation 616/98 which sets out a deadline for the completion of this document. This Review was completed, pursuant to subsection 7(3) of the EAA, after the prescribed date of September 9, 2005, so that as many concerns as possible could be addressed. The deadline for the completion of the Review was extended accordingly. This paragraph and the giving of the Notice of Completion is the notice required by subsection 7(3) of the EAA.

Before a decision is made about this EA and whether to approve the proposed undertaking, any person has the right to submit to the Minister comments about the proposed undertaking, the EA and this Review. Any person also has the right, subject to the discretion of the Minister, to request a hearing on the application for approval of the proposed undertaking or any matter related to it.

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EXECUTIVE SUMMARY

The Municipality of McDougall (the Municipality) is seeking approval of its undertaking, namely the expansion of its landfill. Specifically, the undertaking is the proposed expansion of the waste disposal capacity of the existing McDougall Landfill Site to accommodate approximately 678,738 cubic metres of waste by way of extension of the existing fill area by an area of approximately 3.7 hectares abutting the easterly slope of the existing fill area. All additional capacity will be accommodated within the current approved boundaries of the landfill site. No expansion of the site boundaries will be required.

This Review concludes that the Municipality undertook a complete environmental assessment (EA) process. The EA and supplementary information, including responses to comments, provide sufficient information for the Minister of the Environment (the Minister) to make a decision about the application. The Ministry of the Environment (MOE) concludes that the requirements of the *Environmental Assessment Act* (EAA), as they exist under subsection 6.1(2), have been met.

Subject to approval under the EAA, further work will be required by the Municipality to gather the technical information required to seek approval under the *Environmental Protection Act* (EPA) and the *Ontario Water Resources Act* (OWRA).

1.0 BACKGROUND

This Review is organized in three main sections. Section 1.0 provides a brief overview of the project history. Section 2.0 provides an evaluation of the EA as it relates to the required components of the EAA. This evaluation includes the contributions of government agencies, the general public, aboriginal communities, and other interested persons. Section 3.0 provides a conclusion about whether the EA meets the requirements of the EAA, identifies the status of any concerns that were raised during the review period and presents draft conditions of approval.

1.1 Historical Context

Beginning in the late 1980s, several municipalities in the District of Parry Sound, including the Municipality, attempted to develop a waste management master plan (WMMP) to manage their long-term waste management needs. After five years, the process was abandoned and no District-wide solution was found. The process did identify a number of potential options, including, improved diversion (recycling, household hazardous waste collection) and new landfill capacity. To varying degrees, municipalities in the District have implemented these options.

Expansion of the Municipality's landfill was one of the options from the WMMP process. The landfill is located in Part Lots 11 and 12, Concession 4 in the Municipality. Since 1976, the site has provided solid non-hazardous waste capacity for the Municipality, the Town of Parry Sound, Township of The Archipelago and Seguin Township. In October 1989, the Municipality assumed ownership of the landfill from a private owner/operator.

As the landfill is expected to reach capacity at the end of 2005, the Municipality undertook a study to identify a local, long-term and secure waste disposal solution for itself and other area municipalities. A Terms of Reference (ToR) for the EA was submitted to MOE on March 19, 2004 and was approved by the Minister on June 30, 2004. The approved ToR formed the framework for the preparation of the EA which is the subject of this Review.

1.2 The Environmental Assessment Review Process

The Municipality's proposed landfill expansion is subject to the requirements of the EAA. The first step in the approvals process is the submission and approval of a ToR. A ToR, prepared in accordance with section 6(2)(a) of the EAA, was approved on June 30, 2004.

The EAA application, consisting of the EA and appendices, was formally submitted to MOE on June 17, 2005. A seven-week public and agency comment period ensued, which ended on August 5, 2005. The EA was reviewed by MOE and a core team of experts that form the Government Review Team (GRT). The role of the GRT is to review the EA for its technical merits to ensure the data presented is accurate and the conclusions valid. The general public and potentially affected aboriginal communities also had the opportunity to review the EA and submit comments to MOE.

At the conclusion of the first review period, the EAA requires that MOE prepare a Review of the EA. The purpose of the Review is not to make a decision about the application for the proposed landfill expansion, but rather to determine whether there is sufficient information to enable a decision to be made about the undertaking, to assess whether the required components of the EAA have been met, and to note any outstanding technical concerns. In addition, the Review evaluates how well the Municipality has consulted with interested persons, and the clarity and completeness of the documentation of such consultations.

Once the Review is complete, a "Notice of Completion of Review" is published and the Review is placed on the Public Record for a second comment period of five weeks. During this time, if anyone feels that issues still need to be addressed about the undertaking, they may make their concerns known in writing to MOE prior to the expiry of the comment period as stated in the Notice. Any person may also request that the Minister send all or any part of the Municipality's application to a hearing before the Environmental Review Tribunal.

The Review also assists the Minister in making a decision about the undertaking. This decision will be made following the expiration of the second comment period and will take into consideration all comments received. The Minister's decision about the undertaking is subject to the approval of the Lieutenant Governor in Council.

1.3 Additional Approvals Required

In addition to approval under the EAA, other government agencies may also require permits and approvals for certain aspects of the undertaking. Such permits and approvals cannot be issued prior to approval of the undertaking under the EAA, unless they are required for the acquisition of property or rights in property, feasibility studies, research or the establishment of a reserve fund or some other financing mechanism in connection with the undertaking.

If the undertaking is approved under the EAA, the Municipality will then require Certificates of Approval under Part V of the EPA (for the waste disposal site) and section 53 of the OWRA (for storm water management facilities) from MOE. Approval under the EAA would not guarantee approval under these statutes. The Municipality does not anticipate that any federal approvals will be necessary.

2.0 EVALUATION OF THE ENVIRONMENTAL ASSESSMENT

The purpose of the evaluation in this section of the Review is to determine whether the Municipality complied with the requirements of the EAA and to note any outstanding concerns. The ToR was prepared under section 6(2)(a) of the EAA, and stated that the EA would consist of the requirements of section 6.1(2) of the EAA. The following subsections evaluate the EA with respect to the requirements of section 6.1(2) of the EAA.

2.1 Description of the Purpose of the Undertaking

The EAA requires the proponent to provide a description of the purpose of the undertaking. The purpose sets out what the proponent is attempting to achieve. It should describe the desired “end”, with the proposed undertaking providing the “means” to reach that end. The purpose may be presented as a problem or opportunity the proponent has chosen to address.

The approved ToR provided a preliminary description of the purpose of the proposed undertaking and stated that a final description would be provided in the EA.

Section 2.3 of the EA states that the purpose of the proposed undertaking is to ensure that the Municipality and other interested area municipalities continue to have local, long-term and secure waste disposal capacity for approximately 25 years.

Conclusion

As required, the Municipality has provided a satisfactory description of the purpose of the proposed undertaking in the EA.

2.2 Description and Rationale for the Undertaking

The EAA requires that the proponent provide a description and rationale for the undertaking. This explains what the proponent is seeking approval for, setting out what the proponent will be legally committed to upon receiving approval under the EAA.

Section 2.4 of the EA describes the undertaking as:

“the expansion of the waste disposal capacity of the McDougall Landfill Site to accommodate approximately 678,738 cubic metres of waste by way of extension of the existing fill area by an area of approximately 3.7 hectares abutting the easterly slope of the existing fill area.”

The rationale for the undertaking provided in the EA is that as the McDougall Landfill Site is expected to reach capacity at the end of 2005, disposal capacity is required for the Municipality and other area municipalities that use the landfill.

Conclusion

The Municipality has adequately described and provided rationale for the proposed undertaking.

2.3 Description of the Environment

The EAA requires that the environment within the geographic study area be described. This description must include all components of the environment as defined in the EAA. This description provides the environmental context and basis for the subsequent evaluation of alternatives.

In the approved ToR, the Municipality made a commitment to describe the environment within the study area.

In section 3 of the EA, the existing environment in the study area is described. The study area includes the Municipality, the Townships of Carling, The Archipelago, McKellar and Seguin, and the Town of Parry Sound (please see Figure 1).

The following environments were described in detail: geology/hydrogeology; groundwater; surface water; biology; archaeology and heritage; socio-economic (general, tourism and recreation, and aboriginal communities); existing and planned land use (official plans, waste

disposal policies, zoning, development pressures and activities); provincial policy statement; transportation (rail, air, marine, bus); agriculture and forestry; aggregates/mining; air quality; and, waste disposal activities (landfill, diversion, recycling).

Conclusion

As required, a comprehensive description of the environment was provided.

2.4 Consideration of Alternatives

Section 6.1(2) of the EAA requires a proponent to consider a range of alternatives (both 'alternatives to' and 'alternative methods') before a final decision is made on a preferred course of action. The consideration of alternatives requires an evaluation of the environmental effects and the advantages and disadvantages of various ways to address the problem before committing to one particular approach. The preferred alternative must be identified in a systematic manner and must have included consideration of input from all interested persons, including government agencies, potentially affected aboriginal communities and the general public.

2.4.1 Alternatives To

'Alternatives to' the preferred undertaking are functionally different means of achieving the same objective. The proponent is responsible for identifying those alternatives that are reasonable to consider. While not explicitly required by the EAA, the 'do nothing' alternative should also be considered. The do nothing alternative serves as a bench mark against which the advantages and disadvantages of the alternatives are identified and considered.

Description and Rationale

The ToR identified the alternatives to the undertaking that were to be considered in the EA. These included landfilling, thermal technologies, enhanced waste diversion, waste export and do nothing. In the EA, these alternatives, and the rationale for them, are described in detail.

Potential Environmental Effects and Mitigation

The potential environmental effects that will be caused or that might reasonably be caused to the environment by the alternatives to are described in section 4.6 and tables 4.1 to 4.5 of the EA. Following the description of the potential environmental effects, mitigation measures are suggested. The net effects of each alternative are then either classified as a high, medium, low or nil effect. The advantages and disadvantages of the alternatives on the environment were also discussed.

Evaluation

Screening criteria were applied to the 'alternatives to' to determine which alternatives would be carried forward for a comparative evaluation. To be carried forward, an alternative had to score a yes to all the screening questions. The following screening criteria/questions were applied:

1. Economically feasible: Can the Municipality and the participating municipalities afford to implement the alternative?
2. Local: Can the alternative be implemented locally?
3. Long-Term: Will the alternative provide the Municipality and the participating municipalities with long-term waste disposal capacity?
4. Secure: Is access to the alternative secure and does it provide minimal environmental liability?
5. Technically Sound: Is the alternative technically sound and does it use proven technology?
6. Time Sensitive: Can the alternative be designed, constructed and operational when required?
7. Proximity to Airports: Is or can the alternative be located more than 8 kilometres from an operating airport?

Section 5 of the EA provides a description and rationale for each screening criteria. Once the criteria were applied, only the landfilling alternative received a yes response to all the screening questions. Thermal technologies were found to be neither economically feasible, secure, technically sound nor time sensitive. Enhanced waste diversion received a no response to the economically feasible and long-term criteria. Export of waste did not meet the economically feasible, local, long-term and secure criteria. Finally, the do nothing alternative only received a yes for the local and proximity to airports criteria. As landfilling was the only alternative that made it through the screening phase, it was brought forward to the next level of analysis (alternative method evaluation).

Conclusion

The general framework applied in the screening of alternatives is reasonable. The EA adequately considered alternatives to the undertaking.

2.4.2 Alternative Methods

The EAA requires that a proponent consider 'alternative methods' of carrying out the undertaking. Alternative methods of carrying out the undertaking can be described as different ways of constructing the project, or any other method that may be necessary to consider, such as different technologies.

Alternative Methods of Landfilling

Following the decision that landfilling was the preferred 'alternative to', the first step the Municipality undertook was determining how landfilling would occur. Options included expanding one of the partner municipalities' landfill sites, sharing remaining capacity with one or more of the partner municipalities or searching for a new greenfield site.

Based on the previously unsuccessful waste management master planning process in the District of Parry Sound, the Municipality determined that the willing host principle be used to determine which landfilling option would be brought forward for further analysis. The willing host principle is premised on the idea that a community must be willing to accept the siting of a particular facility within its borders, rather than that facility being placed there against the community's will.

A council resolution identifying which landfilling alternative their community would be willing to accept was sought from the partner municipalities. Only the Municipality was willing to expand its landfill site or continue to share its capacity with the other partner municipalities. None of the partner municipalities were willing to search for a new greenfield site within their borders. As a result, expansion of the McDougall Landfill Site was the preferred landfilling method.

Alternative Methods of Expanding the McDougall Landfill Site

The approved waste fill area of the McDougall Landfill Site is 7.2 hectares within a total site area of 74 hectares. As 90 percent of the site remains undeveloped for waste management purposes, landfill expansion options focussed on expanding the fill area rather than expanding the site boundaries. Seven possible ways of expanding the waste fill area were identified:

1. waste footprint expansion south;
2. waste footprint expansion west;

3. waste footprint expansion north;
4. waste footprint expansion east;
5. new waste footprint elsewhere on-site;
6. waste footprint expansion vertical and east; and
7. waste footprint expansion vertical.

Description of the Local Environment

Section 7 of the EA describes the local area within one kilometre of the landfill site. The same environments as stated in section 2.3 of this Review were described in more detail for the local study area.

Evaluation

The seven alternatives were evaluated and documented in section 8 of the EA. Information was gathered for each alternative based on a set of evaluation criteria which were developed based on the description of the local environment. For example, within the socio-economic environment, a criterion was “compare potential for displacement of residents living on-site” and the associated indicator was “number of dwellings on-site”. Table 8.1 in the EA lists all the criteria, associated indicators and rationale for the alternative methods evaluation.

Following the gathering of information, each alternative was given a score from one to five based on the potential impacts to the environment. A score of one was given for the alternative with the least mitigable impacts and a score of five for the alternative with the most mitigable impacts. This was done for both the on-site and off-site environments. The on-site and off-site scores for each alternative were then added together for the final score. The alternative with the highest score was the preferred landfill expansion method.

The preferred landfill expansion method was identified as alternative six – waste footprint expansion vertical and east. This alternative received scores of mostly fives and fours, thereby exhibiting the potential for having minimal impacts on the environment. Section 9 of the EA discusses the potential effects, mitigation measures and net effects of this alternative on the environment.

The undertaking for which the Municipality is seeking approval is the vertical and east expansion of the McDougall Landfill Site. The proponent states that a detailed technical description of the undertaking is beyond the scope of the EA and will be developed after the studies required to support the EPA and OWRA have been completed. Instead, a generic description of the design of the landfill expansion was given. It is proposed that the expanded landfill would be

engineered (composite liner including low permeability soil and a geomembrane), and have a leachate collection system (including underdrains and perimeter drains) and low permeability final cover.

Conclusion

The Municipality's evaluation of alternative methods was reasonable in that an appropriate range of criteria were used in the analysis of the alternatives.

2.5 Commitments and Monitoring

Section 10 of the EA outlines several commitments related to air quality, surface water, groundwater, biology, archaeology/heritage, noise and First Nations. The Municipality has made a commitment to annually monitor the implementation of these commitments as well as any conditions of approval if this undertaking is approved under the EAA.

Conclusion

The monitoring commitments presented in the EA are reasonable. The Municipality will also be required to monitor the implementation of any other commitment made throughout the EA (not just the ones in section 10) and during the EA review period.

2.6 Consultation

The EAA requires that proponents consult with such persons as may be interested in the proposed undertaking. MOE encourages proponents to develop a consultation program early in its decision-making process (at the ToR stage) to ensure that questions and concerns of the public and review agencies are considered throughout the development of the undertaking and the preparation of the EA. The proponent must integrate these questions and concerns into their evaluations.

2.6.1 Pre-Submission Consultation

Government and Agency Consultation

The Municipality consulted with government agencies which may be affected by the proposal and whose interests and mandates necessitated their involvement in the EA process. Consultation conducted during the preparation of the EA allowed these agencies to determine their level of involvement in the study, and the manner in which they wished to participate.

Contact was made with municipal governments, provincial ministries, federal departments and other agencies. In addition, study findings were reviewed with the agencies, as required, at key points. The agencies which were contacted during the EA process included the:

- Township of McKellar;
- Township of Seguin;
- Township of Carling;
- Township of The Archipelago;
- Town of Parry Sound;
- Municipality of McDougall;
- District Municipality of Muskoka;
- Ministry of the Environment;
- Ministry of Natural Resources;
- Ministry of Agriculture, Food and Rural Affairs;
- Ministry of Culture;
- Ministry of Transportation;
- Ministry of Municipal Affairs and Housing;
- Ontario Native Affairs Secretariat (now Ontario Secretariat for Aboriginal Affairs);
- Environment Canada;
- Transport Canada;
- Parks Canada (Georgian Bay Islands National Park);
- Fisheries and Oceans Canada;
- Indian and Northern Affairs Canada; and
- Muskoka Parry Sound Health Unit.

These agencies formed the GRT for this proposal. This GRT was invited to review the draft evaluation and screening criteria and the February 2005 draft EA. A tabular summary of the results of these consultations, including comments made and responses to those comments, can be found in Appendices H and I of the EA. Comments made by the GRT were taken into consideration when finalizing the EA.

Public Consultation

The Municipality is required to demonstrate that a reasonable effort was made to consult with the public. The approved ToR outlined measures the Municipality planned to take during the preparation of the EA to ensure that the public was involved in the process. The core consultation process described by the Municipality in the approved ToR included open houses and newspaper/web notices. There was also a commitment to document the results of the consultation that took place during the planning process and provide this documentation as part of the final EA.

Two open houses were held in July 2004 and February 2005. The July 2004 open house focussed mainly on a discussion of need and screening/evaluation criteria. At the February 2005 open house, the draft EA was presented to the public. Letters of notification of the availability of the draft EA for review were provided to landowners within one kilometre of the landfill site. The draft EA was also made available on the Municipality's website and at several libraries in the study area.

A brief description of the public consultation process is provided in section 14 of the EA. A more comprehensive summary is presented in Appendices H and I of the EA. Comments provided by the public during the EA preparation were considered by the Municipality in finalizing the EA.

Aboriginal Peoples Consultation

In consultation with Ontario Native Affairs Secretariat during the ToR stage, several aboriginal communities were identified as having a potential interest in the proposal. They were: Wasauksing First Nation; Shawanaga First Nation; Magnetawan First Nation; Wahta Mohawk Nation; Henvey Inlet First Nation; Dokis First Nation; and Moose Deer Point First Nation.

As required, the Municipality consulted these communities during the preparation of the EA. A description of each community and their waste management practices is provided in section 3.6.3 of the EA. A copy of the draft EA was also provided for their review. No comments about the draft EA were submitted.

2.6.2 Consultation After Formal Submission of the Environmental Assessment

A notice was posted in the *Parry Sound North Star* to inform the public of the formal submission of the EA and where it could be reviewed. A seven-week period was provided for review of the EA between June 17 and August 5, 2005.

Government and Agency Consultation

The EA and its appendices were circulated to members of the GRT for comment. Several agencies expressed no concerns with the proposed expansion. These included the Ministry of Transportation, Ministry of Municipal Affairs and Housing, Ministry of Natural Resources, Fisheries and Oceans Canada, Parks Canada, North Bay Parry Sound Health Unit and some MOE reviewers (Air and Noise, North Bay Area Office, Hydrogeology).

The remaining agencies expressed concerns or raised questions with the undertaking. Table 1 summarizes the comments and the Municipality's responses to them, and gives an indication of whether the comments have been addressed. The full text of all comments received from the

GRT and the Municipality's response to those comments can be found in Appendices C and D of this Review.

MOE requested more technical information such as:

- an indication of the height of the proposed vertical expansion;
- a discussion about leachate collection, treatment and disposal alternatives;
- the basis for the quantity of waste to be disposed of;
- the definition of some technical terms (bale fill method, shred fill method, place and compact method); and
- the provision of a conceptual operation principle for the proposed landfill expansion.

In response to these comments, the Municipality referred to sections of the EA where the information could be found. For the most part, the Municipality stated that the required technical detail will be prepared and submitted as part of the application for approval under the EPA and the OWRA. If the information did exist but was not provided in the EA, other reports within which the information could be found were referenced in the Municipality's response. These reports were provided after the completion of the first review period, therefore the appropriate MOE reviewers have not had the opportunity to review them. As a result, in some instances, concerns which remain unresolved have been deferred and will be dealt with during the comment period following publication of this Review. In Table 1, the status of those concerns is stated as "Resolution of concern is deferred". Both MOE and the Municipality are committed to resolving any outstanding concerns.

Transport Canada recommended the implementation of a bird management plan, and cautioned that landfills (new or expansion) should not be located within 15 kilometres of an airport. In response to these comments, the Municipality committed to develop a bird management plan as part of the wildlife management portion of the Design and Operations Plan which is required for EPA approval. Further, the landfill is located 22 kilometres from the nearest airport.

Environment Canada recommended that the impact of the landfill expansion on reptile species (specifically the Massasauga Rattlesnake) in the area should be investigated and that the Ministry of Natural Resources (MNR) could provide expertise in this regard. In response, the Municipality stated that there is no record of the Massasauga Rattlesnake ever being on the site and that MNR had no concerns with the EA.

Public Consultation

The EA was available for public review at MOE – Environmental Assessment and Approvals Branch (EAAB) and the Timmins District Office, and on the Municipality's website. The EA was also available for viewing at the: Town of Parry Sound Municipal Office and Public Library; Township of McKellar Municipal Office and Public Library; Seguin Township Municipal Office and Public Library - Foley Branch; Township of The Archipelago Municipal Office and Township of Carling Municipal Office.

Comments from three members of the public were received. Concern was raised about site acceptability for expansion, the potential impacts of the landfill expansion on cancer rates and on surface water quality. There was also concern that waste would be coming from outside the district and that local residents were not adequately informed about the proposal.

In response to these comments, the Municipality stated that:

- all monitoring data show limited impacts on groundwater in the immediate vicinity of the site;
- previous compliance problems are being addressed through the Compliance Plan and related measures;
- contingency plans will be developed as part of the EPA application;
- no waste will be coming from out of the District;
- the other partner municipalities have expressed interest in using the landfill and some already access the site and have done so for years; and
- an extensive consultation process has been undertaken and this information was provided with the EA.

Aboriginal Peoples Consultation

The EA was sent to the same Aboriginal communities that were consulted during the preparation of the EA. No concerns were expressed by Dokis First Nation, Wahta Mohawks Nation, Magnetawan First Nation and Moose Deer Point First Nation. Shawanaga First Nation raised some concerns about the potential impact of the landfill expansion on flowers, plants, roots and other vegetation that they use for traditional purposes. In their comments, they also stated their intent to contact the company that conducted the biological inventory to inquire about their concerns. Henvey Inlet First Nation and Wasauksing First Nation have not yet responded to the requests for comments.

Conclusion

The Municipality carried out a comprehensive and responsive consultation program, providing a well-documented description of the program and the results of consultation with the public, aboriginal peoples and government agencies. The Municipality has demonstrated that input

prior to and during the EA study had an effect on the study, including the development and analysis of the alternatives. As much as possible, the Municipality has addressed concerns raised about the EA. The remaining issues will be dealt with during the review period following the publication of this Review.

3.0 CONCLUSIONS AND PROPOSED CONDITIONS OF EAA APPROVAL

The following section presents the conclusions of the review process based on the information provided by the Municipality, the public, aboriginal communities and the GRT. Proposed conditions are provided for discussion purposes only. The next steps in the EA process are also outlined.

3.1 Conclusions

It is not the purpose of this Review to decide whether the Municipality's application should be approved under the EAA. The decision regarding the Municipality's application is the responsibility of the Minister or, if the EA is referred to a hearing, the Environmental Review Tribunal.

The purpose of the Review is to determine whether or not the Municipality has complied with the requirements of the approved ToR and the EAA, and to note any outstanding technical concerns.

The EA submitted by the Municipality has satisfied the requirements of the ToR, and hence, of subsection 6.1(2) of the EAA, R.S.O. 1990. As required, the EA:

- outlines the proposed undertaking, identifies and evaluates alternatives, and the potential environmental effects of the alternatives and the undertaking;
- supports the selection of the preferred alternative, based on the advantages and disadvantages of the alternatives on the environment; and
- shows that a reasonable effort was made to solicit input from the public, aboriginal communities and government agencies and respond to any issues raised.

The consultation and effort made by the Municipality to resolve issues and concerns was very comprehensive. As such, some GRT members expressed no concerns with the proposed undertaking and few public comments were received. The Municipality has addressed some technical issues raised by the GRT and the public prior to the publication of this Review. Other issues have been deferred for resolution during the comment period following publication of this Review. In addition, some concerns may be addressed through further analysis when approval is

sought under the EPA or OWRA. The commitments made in the EA should ensure that environmental effects are prevented, mitigated or remedied.

3.2 Proposed Conditions of EA Approval

Below are a number of proposed conditions which could be imposed if EAA approval is granted by the Minister, with the approval of the Lieutenant Governor in Council. The listing of these conditions in this Review does not mean that EAA approval will be granted, or that the conditions listed below are final if approval is granted.

Definitions

1. For the purposes of these conditions:
 - (a) **“proponent”** refers to The Corporation of the Municipality of McDougall.
 - (b) **“MOE”** refers to the Ontario Ministry of the Environment.
 - (c) **“Director”** refers to the Director of the Environmental Assessment and Approvals Branch.
 - (d) **“the environmental assessment”** refers to the approved Environmental Assessment For One or More Waste Disposal Solutions for the Municipality of McDougall and Other Area Municipalities.
1. The proponent shall comply with all the provisions of the environmental assessment submitted to the MOE which are hereby incorporated in this approval by reference except as provided in these conditions and as provided in any other approvals or permits that may be issued.
2. These conditions do not prevent more restrictive conditions being imposed under other statutes.
3. Where a document is required for the Public Record, the proponent shall provide the document to the Director for filing within the specific Public Record file maintained for the undertaking. Copies of any such documents should also be provided to:

- (a) the Director of the MOE Northern Regional Office;
- (b) the Manager of the MOE North Bay Area Office;
- (c) the Clerk of The Corporation of the Municipality of McDougall;
- (d) the Public Liaison Committee, if applicable

These documents may also be provided through other means as considered appropriate by the proponent.

4. The proponent shall prepare and submit to the Director, for the Public Record, an Environmental Assessment Compliance Monitoring Program. The Program shall be prepared for the monitoring of the proponent's fulfilment of the provisions of the environmental assessment for mitigation measures, public consultation, and additional studies and work to be carried out, and of all other commitments made during the preparation of the environmental assessment and the subsequent review of the environmental assessment for mitigation measures, public consultation, and additional studies and work to be carried out.

The Program must contain an implementation schedule. The Program shall be submitted one year from the date of approval of the undertaking, or 60 days before the commencement of construction, whichever is earlier. A statement must accompany the Program when submitted to the Director, indicating that the Program is intended to fulfill this condition. The Program, as it may be amended by the Director, must be carried out by the proponent.

5. The proponent shall prepare an annual Compliance Report which describes compliance with the conditions of approval set out in this notice and which describes the results of the proponent's Environmental Assessment Compliance Monitoring Program. The first Compliance Report shall be issued no later than one year following the date of this approval, and on the date that is the anniversary of this approval each year thereafter, for which the Compliance Report shall cover the previous year to that date. The proponent shall submit to the Director, for placement on the Public Record a copy of the Compliance Report. The proponent shall submit Compliance Reports until all conditions are satisfied. When all conditions have been satisfied, the proponent shall indicate in the Compliance Report that this is its final submission.

The proponent shall retain either on-site or in another location approved by the Director, copies of the Compliance Monitoring Report for each reporting year and any associated documentation of compliance monitoring activities. The proponent shall make the documentation available to the ministry or its designate

upon request in a timely manner when so requested by the ministry during an on-site inspection, audit, or in response to a pollution incident report or when information concerning compliance is requested by the ministry.

6. The proponent shall review the need for establishing a Public Liaison Committee. If there is no interest from the public in establishing and participating in such a Committee (once sufficient notice has been given), the need for such a Committee should be reviewed yearly. If established, the Committee shall serve as a focal point for the dissemination, review and exchange of information and monitoring results relevant to the operation of the landfill.
7. The proponent shall develop, in consultation with the Public Liaison Committee, a procedure for responding to complaints. If a Public Liaison Committee is not formed, then the proponent is solely responsible for developing the procedure for responding to complaints. The proponent shall keep records of the complaints received, the actions taken, and the results or outcome of these actions. The proponent shall ensure this record is maintained to facilitate compliance with the *Municipal Freedom of Information and Protection of Privacy Act*, and subject to that Act, make it available for inspection upon request of the Public Liaison Committee, the public or MOE.
8. Prior to submitting applications for *Environmental Protection Act* and *Ontario Water Resources Act* approval, the proponent shall ensure that all interested persons have sufficient opportunity to review and make comments about the applications. As necessary, any comments received shall be taken into consideration prior to the submission of the applications.

3.3 Next Steps

A five-week review period follows the publishing of this Review ("the second review period") after which the Minister shall be in a position to make a decision on the Municipality's proposed undertaking. A Notice of Completion of Review has been posted in the *Parry Sound North Star* notifying the public that this Review is available. Copies of the Review have been placed at the same locations where the EA was available. Copies were also distributed to all GRT members, private citizens and aboriginal communities who expressed concerns about the EA during the first review period. During this second review period, any person may request that the Minister send all or part of the undertaking to a hearing. Also, during this review period, any remaining concerns can be dealt with.

The Review is one of a number of documents the Minister must consider when making a decision about the proposed landfill expansion pursuant to section 9 of the EAA. The Minister must also consider the purpose of the EAA, the EA, the comments submitted during the two review periods, and other matters considered relevant. With the approval of the Lieutenant Governor in Council, the Minister will make one of the following decisions:

- give approval to proceed with the undertaking;
- give approval to proceed with the undertaking subject to conditions;
- refuse to give approval to proceed with the undertaking;
- refer either a part of or the entire EA to mediation; or
- refer either a part of or the entire EA to the Environmental Review Tribunal for a decision.

APPENDIX A

APPENDIX B

Table 1. Government Review Team Comment Summary Table

Submitter	Summary of Comments	Proponent's Response	Status
Provincial Agencies			
Ministry of Transportation	No comments as landfill is located a sufficient distance from Highway 400 at Parry Sound so as not to be a concern.	No response required.	Not applicable.
Ministry of Municipal Affairs and Housing	The municipality's landfill policies in their Official Plan are in accordance with MOE Guideline D-4.	No response required.	Not applicable.
Ministry of Natural Resources (MNR)	No comments.	No response required.	Not applicable.
Ontario Secretariat for Aboriginal Affairs	Contact should be made with the seven identified First Nations as documented in the EA.	Full consultation with those communities has been ongoing, and will continue, as appropriate.	The Ministry of the Environment (MOE) is satisfied that the concern is addressed.
MOE – Hydrogeology	<p>The current site has, and is being, well studied and monitored from a hydrogeological perspective. Residual contaminants from the past natural attenuation operation is being dealt with and this will continue to be the case.</p> <p>Will other sites servicing the same area be closed?</p>	<p>No response required.</p> <p>Section 6.0 of the EA Report and Volume II, Appendix E, provide information on the evaluation of remaining capacity in other area landfills; the potential availability of the remaining capacity to address the waste management problem/opportunity; and the potential for expansion of capacity on those landfills. As noted, none of that remaining capacity is available to address McDougall's waste disposal problem/opportunity and the owners of those sites are not prepared to entertain potential expansions.</p>	<p>Not applicable.</p> <p>MOE is satisfied that the concern is addressed.</p>

Submitter	Summary of Comments	Proponent's Response	Status
MOE – Surface Water	<p>The inventory of aquatic biota in the vicinity of the landfill relies heavily on available data which were not necessarily up-to-date, and no data were provided for some features. Surveys should have been done to characterize aquatic biota in the intermittent stream that drains into the Seguin River and the large wetland located along McDougall Road.</p> <p>The assessment of overall risk should include consideration of the consequences of contaminant failure, even though the likelihood of it occurring is assumed to be low.</p>	<p>Some of the background data available from MNR may be somewhat dated, but still provide information on fish communities in the vicinity. The field reconnaissance was used to provide more site specific assessment of habitat potential. In the assessment of the potential for impacts all of the areas considered as providing possible fish habitat were treated as fish habitat. In order to take the more conservative approach as well as to deal with the limited study timeframe and seasonal variations, we have assumed that fish communities are present in these watercourses.</p> <p>Standard operations of the proposed facility will include regular monitoring of possible accidental releases of compounds including potential contaminants. A spill/release containment protocol will be developed to minimize the extent of any accidental releases. In the event that this procedure is not initiated sufficiently quickly to ensure capture of contaminant releases, monitoring of potential impacts at the receivers will be conducted.</p>	<p>Resolution of concern is deferred.</p> <p>MOE is satisfied that the concern is addressed.</p>
MOE – Air, Pesticides and Environmental Planning	<p>It is unlikely that there will be any new compatibility issues with existing surrounding land uses.</p> <p>Lands within one kilometre of the site may be impacted by leachate-impacted groundwater migrating from the site due to its former operation as an attenuation site. These lands have been placed within a "Holding Zone", which will remain in place until the Municipality is satisfied that groundwater quality has improved. The conditions for removing the "Holding" symbol to permit a land use proposal could include a requirement for a study to address environmental issues, an assessment of adverse effects from the operation of the landfill, buffering techniques, and monitoring techniques.</p>	<p>Comment noted.</p> <p>Comment noted. As stated by the Ministry of Municipal Affairs and Housing's comments, the municipality's landfill policies in their Official Plan are in accordance with MOE Guideline D-4.</p>	<p>Not applicable.</p> <p>MOE is satisfied that the concern is addressed.</p>

Submitter	Summary of Comments	Proponent's Response	Status
	<p>The EA should indicate the approximate additional height to the landfill that would result from the proposed vertical expansion as there may be associated visual impacts that may cause adverse effects on other land uses in the area.</p> <p>The EA does not sufficiently address the potential for air quality and visual impacts along the haul route to the landfill.</p>	<p>The final design elevation of the current waste cell is approximately 25 m above surrounding grade. Subject to detailed design in the Design and Operations Plan, the proposed eastward capacity expansion will be approximately 4 – 6 m higher than that. Because of Site's topography and the presence of significant tree cover, the existing and proposed fill areas are not now and will not be visible from surrounding lands, with the exception of a small part of the eastern proposed fill area, which is seasonally visible from a height of land east of the Seguin River, more than 1.5 km from the Site. At the current rate of tree growth on the undeveloped areas of the Site, none of the active areas of the Site will be visible from surrounding lands within the immediate future. Visual impact arising from the proposed capacity expansion is, therefore, virtually nil.</p> <p>As noted in Section 7.9 (page 105) of the EA, no significant change in the numbers of vehicles currently accessing the Site is anticipated. Consequently, the potential for increased air pollution and visual impacts arising from the anticipated 15 packer trucks and 2-3 private vehicles per day (a very small proportion of existing traffic flow, of 200-399 vehicles per day) is expected to be negligible.</p>	<p>Resolution of concern is deferred.</p> <p>Resolution of concern is deferred.</p>
MOE – North Bay Area Office	Previous comments have been adequately addressed.	No response required.	Not applicable.
MOE – Waste Management Policy Branch	No further comments apart from those submitted as part of the draft EA review.	No response required.	Not applicable.
MOE – Environmental Assessment and Approvals Branch (EAAB) – Air & Noise Unit	The EA does not provide detailed noise information but instead indicates that it will be submitted at the <i>Environmental Protection Act</i> (EPA) stage. The Air & Noise Unit expects to review the assessment when it is submitted.	Comment noted. Noise will be dealt with in the Design and Operations Plan for the proposed capacity expansion and will, of course, be subject to detailed review and approval under Ministry noise guidelines and regulations.	MOE is satisfied that the concern is addressed.

Submitter	Summary of Comments	Proponent's Response	Status
MOE – EAAB – Water and Wastewater Unit	<p>Only comments 2 and 5 from the draft EA comments have been addressed.</p> <p>The document "Engineering/Planning Evaluation and Cost Assessment", February 2003, was used as part of the evaluation of alternative methods. This document is required in order to conduct a proper review of the alternative methods evaluation.</p> <p>The EA does not include any discussion on leachate collection, treatment and disposal alternatives.</p>	<p>Responses to the remaining comments were given at the draft EA review stage.</p> <p>The document has been provided to MOE.</p> <p>The proposed leachate collection and treatment system is the same for all the Alternative Methods and has been described in the "Compliance Plan" and "Leachate Treatment System Conceptual Design Report", both of which have been the subject of comprehensive discussion and negotiation with MOE technical staff (North Bay/Sudbury).</p>	<p>Resolution of concern is deferred.</p> <p>There was insufficient time to review the document prior to completion of this Review. Resolution of concern is deferred.</p> <p>Resolution of concern is deferred.</p>
MOE – EAAB – Waste Unit	<p>The site-specific design approach in Landfill standard #10(3) must be followed.</p> <p>Define the terms – "shred-fill method", "bale fill method" and "place and compact method".</p> <p>The EA does not mention all the ministry guidelines that will be followed in implementing the preferred alternative.</p>	<p>This matter has been addressed in the Compliance Plan and will be addressed, as appropriate, by the Hydrogeological Evaluation Report and Design and Operations Plan.</p> <p>Shred-fill – wastes mechanically cut to reduce materials to a small size and uniform shape to facilitate reprocessing or landfilling; Bale fill – wastes are compacted into bales before being stacked in the landfill site; Place and compact – wastes are placed directly into the landfill, compacted and covered with interim cover soil.</p> <p>As noted in Section 13.0 of the EA Report, approval for the proposed capacity expansion will be sought under the <i>Environmental Protection Act</i> (Part V, C. of A. amendment application); and under EPA Regulation 346/90, as amended (air); and the <i>Ontario Water Resources Act</i> (sewage works). Each of these three submissions must, of course, comply with all applicable guidelines and regulatory standards.</p>	<p>MOE is satisfied that the concern is addressed.</p> <p>MOE is satisfied that the concern is addressed.</p> <p>MOE is satisfied that the concern is addressed.</p>

Submitter	Summary of Comments	Proponent's Response	Status
	<p>The EA does not mention that a geotechnical assessment as required under Ontario Regulation 232/98 will be required.</p> <p>The EA does not provide the basis for the amount of waste which will need disposal over 25 years (678,783 cubic metres).</p> <p>What is the basis for stating that a greater than 1.5 times the current level of spending on waste disposal services is a substantial increase?</p> <p>A schematic or drawing should be provided to illustrate the engineering advances that led to the improvements in site performance and environmental protection for waste disposal.</p> <p>What are the ongoing improvements in engineering design, construction and operation that will be employed at the propose site?</p> <p>The EA does not provide information on each of the proposed alternative landfill expansion methods such as proposed height, proposed depth, proposed landfill footprint area and method of waste placement.</p>	<p>This matter will be addressed in the Design and Operations Plan.</p> <p>The basis of the 678,738 cubic metre figure is described in detail in the report: Engineering Planning Evaluation and Cost Assessment, February, 2004", copies of which have been provided to the MOE.</p> <p>The 1.5 figure was developed in consultation with the Municipality of McDougall and reflects the Municipality's waste disposal costs within the context of current revenues and expenditures and what future waste disposal costs the municipality anticipates it can reasonably and responsibly accommodate within its potential future fiscal horizons.</p> <p>These details may be found in many of the historic site documents.</p> <p>These are detailed design issues that will form part of the upcoming Design and Operations Plan and <i>Environmental Protection Act</i> certificate of approval amendment application.</p> <p>These are detailed design issues that form part of the upcoming Design and Operations Plan and <i>Environmental Protection Act</i> certificate of approval amendment application.</p>	<p>MOE is satisfied that the concern is addressed.</p> <p>Resolution of concern is deferred.</p> <p>Resolution of concern is deferred.</p> <p>Resolution of concern is deferred.</p> <p>Resolution of concern is deferred.</p> <p>Resolution of concern is deferred.</p>

Submitter	Summary of Comments	Proponent's Response	Status
	<p>The section on geology does not indicate if there are suitable soils on site for the construction of the engineered landfill.</p> <p>The preferred option to "piggy-back" over the east slope of the existing landfill waste footprint has not been assessed.</p> <p>A schematic of the composite liner system should be provided in the EA.</p> <p>Proof that any incremental increase in groundwater impacts due to the proposed expansion will be attenuated through engineered controls or mitigative measures is required.</p> <p>A conceptual operational principle for the landfill should be provided.</p> <p>No information about quantity, quality and handling of leachate is provided.</p>	<p>These are detailed design issues that form part of the upcoming Design and Operations Plan and <i>Environmental Protection Act</i> certificate of approval amendment application.</p> <p>These are detailed design issues that form part of the upcoming Design and Operations Plan and <i>Environmental Protection Act</i> certificate of approval amendment application.</p> <p>A schematic diagram could be provided but would be of limited value to the EA as it will be subject to change as a result of the EPA level work to follow. The final liner configuration will conform to industry standards and MOE design requirements and will be based in part on the hydrogeological impact assessments. Final design will, of course, be subject to MOE technical review and approval.</p> <p>This matter has been addressed in the Compliance Plan and will be addressed, as appropriate, by the Hydrogeological Evaluation Report and Design and Operations Plan.</p> <p>This matter will be addressed, as appropriate, in the design and Operations Plan.</p> <p>Disposal of leachate changed in 2004 from Parry Sound to the City of Greater Sudbury Wastewater Treatment Plant. Based on trucking records approximately 10,000m³/year of leachate was disposed at the wastewater treatment plant. Historically, leachate disposed included leachate from the lined site and extracted groundwater. After BHA- 2 was shut down, the annual leachate generation from the lined site based on trucking records is approximately 3,500m³/year. With the proposed Site capacity expansion, the estimated</p>	<p>Resolution of concern is deferred.</p> <p>Resolution of concern is deferred.</p> <p>Resolution of concern is deferred.</p> <p>Resolution of concern is deferred.</p> <p>Resolution of concern is deferred.</p> <p>Resolution of concern is deferred.</p>

Submitter	Summary of Comments	Proponent's Response	Status
		amount of leachate generated is an average of 11,000m ³ /year including the existing lined site.	
MOE – EAAB – EA Project Coordination	For comparative purposes do the diversion programs (and applicable rates) for the partner municipalities also include the diversion of scrap metals, wood and tires as provided for McDougall?	Yes. As noted in Section 4.3.1 of the EA Report the 1990 Parry Sound and Area Waste Management Systems Plan included McDougall's diversion programs and rates in comparison with those of the other area municipalities. The comparison of "Alternatives to" for this EA reflects those earlier data and incorporates them in an updated form, into the comparative evaluation for this EA.	MOE is satisfied that the concern is addressed.
	It is stated that composting is the only feasible enhanced waste diversion strategy - is this being contemplated as a way to minimize the amount of waste to be disposed of?	Yes. The Municipality of McDougall is committed to enhancing its waste diversion programs where possible and feasible, including the diversion of organics from the waste stream. This includes the continuation and expansion, where possible, of home composting units.	MOE is satisfied that the concern is addressed.
	What is the rationale for a 1.5 times increase being considered a substantial increase in the current level of waste spending?	The 1.5 figure was developed in consultation with the Municipality of McDougall and reflects the Municipality's waste disposal costs within the context of current revenues and expenditures and what future waste disposal costs the municipality anticipates it can reasonably and responsibly accommodate within its potential future fiscal horizons.	MOE is satisfied that the concern is addressed.
	The rationale for the alternative methods of expanding the McDougall landfill fill area is needed.	Seven "Alternative Methods" chosen for comparative evaluation were identified and evaluated on the basis of their ability, alone or in combination, to accommodate all or as much as possible of the required waste disposal capacity identified under the EA Purpose and Description of Need and to do so in compliance with all applicable industry and engineering design standards, as well as all relevant statutes, regulations, policies and guidelines.	Resolution of concern is deferred.

Submitter	Summary of Comments	Proponent's Response	Status
	<p>A less subjective explanation of the scores for the comparative evaluation of alternative methods is required. Stating that the scoring is based on experience and site knowledge does not allow the reader to trace the decision making of the proponent. This traceability is also important as the total scores for several of the alternative methods were close.</p> <p>Has a road inventory been done since 1998?</p>	<p>The scoring of the seven "Alternative Methods" was based on the respective data sets applicable to each of the Comparative Evaluation Criteria. As noted in Sec. 8.2 (page 109) of the EA Report scores from 1 to 5 were assigned to each of the Alternative Methods under each of the 13 criteria with each scoring being based objectively on the potential for each of the Alternative Methods to affect the segment of the environment reflected by the criteria, with 5 being a low potential for effect (therefore yielding the highest desirability for implementation of that Alternative Method component) and 1 being a high potential for effect (therefore yielding the lowest desirability for implementation of that Alternative Method component). While another reader could conceivably arrive at slightly different individual scores under the 13 criteria and among the 7 Alternative Methods, by the time the scores for each Alternative Method are summed any such differences are reduced to the point where the overall ranking of the Alternative Methods is not affected.</p> <p>No. However there have been no new developments along McDougall Road since the Site was established (and none are planned by either the Township or by private proponents). As a result, there have been no significant increases in the level of traffic along the road between the Site and Hwy. 400 in the ensuing years, nor will there be for the foreseeable future. As noted in the EA Report waste hauling vehicles number only about 15 packer trucks and 2-3 private vehicles per day, a very small proportion of existing traffic flow, of 200-399 vehicles per day, which consists almost entirely of personal vehicles traveling to and from residences and cottages located further to the east of the Site. The number of waste hauling vehicles will not increase significantly during the Site's operating life.</p>	<p>Resolution of concern is deferred.</p> <p>MOE is satisfied that the concern is addressed.</p>

Submitter	Summary of Comments	Proponent's Response	Status
	The environmental monitoring plan also must monitor commitments made throughout the EA (not just the commitments listed in section 10.0) and during the EA review period.	Comment noted.	MOE is satisfied that the concern is addressed.
Federal Agencies			
Environment Canada	<p>The potential impacts of the project on reptile species of risk should be investigated. The Ministry of Natural Resources should be able to provide expertise in this regard.</p> <p>If necessary, the requirements of federal legislation must be met.</p>	<p>It must be noted that: (a) the area proposed for the expanded landfill capacity within the existing, approved, site boundaries was previously used for landfilling. As such the relevant part of the Site does not present potential suitable Massassauga Rattlesnake habitat; and, (b) No Massassauga Rattlesnakes were seen on or in the vicinity of the Site during conduct of the EA studies and there is no record, either formally anecdotally (e.g. landfill Site operators during the past 25 years) of rattlesnakes having been seen on or in the vicinity of the Site. The Ministry of Natural Resources, the referenced agency, expressed no concerns about Massassauga Rattlesnakes in its comments on the Draft EA Report.</p> <p>No <i>Canadian Environmental Assessment Act</i> triggers exist.</p>	<p>MOE is satisfied that the concern is addressed.</p> <p>MOE is satisfied that the concern is addressed.</p>
Transport Canada	All waste facility projects should include implementation of a bird management plan which addresses aviation safety criteria, and that these facilities should commit to operating as bird-free sites. Transport Canada cautions against the siting or expansion of landfills within 15km of an airport.	Bird management will be included in the wildlife management plan, which will be developed as part of the Design and Operations Report for the Site, for approval under the <i>EPA Part V CofA</i> amendment application. The nearest airport is 22 km away.	MOE is satisfied that the concern is addressed.
Fisheries and Oceans Canada	As long as mitigation measures suggested in the EA are implemented as described, Fisheries and Oceans Canada has no comment.	Comment noted.	Not applicable.
Georgian Bay Islands National Park of Canada	No comments.	No response required.	Not applicable.

Submitter	Summary of Comments	Proponent's Response	Status
Local Agencies			
North Bay Parry Sound District Health Unit	No comments.	No response required.	Not applicable.

Table 2. Public Comment Summary Table

Submitter	Summary of Comments	Proponent's Response	Status
Private Citizen #1	Site acceptability is questionable.	The site would meet selection criteria for a fully-engineered facility, as the site is now and the expanded site would continue to be.	The Ministry of the Environment (MOE) is satisfied that the concern is addressed.
	The water in the area should be sampled for heavy metals.	Both the current and long term water quality monitoring programs do this.	MOE is satisfied that the concern is addressed.
Private Citizen #2	There is the potential for water contamination as a result of leakage if the site is expanded. There is no contingency plan for this.	All monitoring data show limited impacts on groundwater in the immediate vicinity of the site. Previous compliance problems are being addressed through the Compliance Plan and related measures. Contingency plans will be developed as part of the <i>Environmental Protection Act</i> application.	MOE is satisfied that the concern is addressed.
	The landfill will be used by other districts.	No waste will be coming from out of the district.	MOE is satisfied that the concern is addressed.
	Facts about the proposal have not been properly communicated.	An extensive consultation process has been undertaken. This information is provided with the EA.	MOE is satisfied that the concern is addressed.
	Groundwater and surface water tests have not been done for heavy metals, pesticides, PCBs or VOCs so it is not known how well the landfill currently contains leachate.	Previous groundwater quality investigations have looked for the presence of these chemicals. The contaminants of concern have been identified to be iron and manganese. Refer to the Annual Monitoring Reports and the Compliance Plan Report for the results of previous sampling.	MOE is satisfied that the concern is addressed.

Submitter	Summary of Comments	Proponent's Response	Status
	It should be determined that the landfill site is not responsible for the high cancer rate in the region.	As noted in the EA, in supporting technical documents and in the Annual Reports for the Site going back many years, surface water and groundwater sampling data do not indicate any discharge to the Seguin River of known carcinogenic substances.	MOE is satisfied that the concern is addressed.
Private Citizen #3	There is concern that expanding the landfill has the potential to affect the water quality of the Seguin River and Mill Lake.	Extensive hydrogeologic/water quality investigations have taken place to define groundwater flow paths. Contaminants identified are in immediate vicinity of landfill and are residual from the historic operation of the unlined landfill. The existing and proposed expansion landfill cells are/will be constructed to prevent leachate contamination.	MOE is satisfied that the concern is addressed.
	The landfill would have more capacity if it did not accept waste from surrounding municipalities.	The other area municipalities have expressed interest in using the landfill. Some already access the site and have done so for years.	MOE is satisfied that the concern is addressed.

Table 3. Aboriginal Peoples Comment Summary Table

Aboriginal Peoples	Summary of Comments	Proponent's Response	Status
Wahta Mohawks Nation	No comments and we do not require any further involvement in this proposal.	No response required.	Not applicable.
Magnetawan First Nation	No comments.	No response required.	Not applicable.
Shawanaga First Nation	We intend to contact the company that conducted the biological inventory to clarify concerns about flowers, plants, roots and other vegetation that we use for traditional purposes.	Awaiting results of discussion between Shawanaga First Nation and the company that conducted the biological inventory.	Resolution of concern is deferred.
Moose Deer Point First Nation	No comments.	No response required.	Not applicable.
Dokis First Nation	No comments.	No response required.	Not applicable.

APPENDIX C

GOVERNMENT REVIEW TEAM

McLennon, Catherine (ENE)

From: Bird, Bob - North Bay (MTO)
Sent: July 26, 2005 1:09 PM
To: McLennon, Catherine (ENE)
Subject: Twp McDougall Landfill EA

Catherine: I am responding to a telephone call on the subject matter from Trevor Gilles.

MTO Northeastern Region (North Bay) is in receipt of the draft EA for this Waste Disposal (Twp of McDougall) dated Feb 2005. The report has been prepared by Conestoga- Rovers (ref # 31807-50).

MTO has no comments on this proposal. The subject property is located a sufficient distance from Highway 400 at Parry Sound so as not to be of a concern to our management of the facility.

I trust this response is sufficient for your purposes such that the Assessment may proceed.

**Bob Bird
Environmental Planner
705 497-5464
fax 705 497-5208**

McLennon, Catherine (ENE)

From: Brownlee, Laurie (MAH)
Sent: July 18, 2005 3:39 PM
To: McLennon, Catherine (ENE)
Subject: McDougall Landfill Expansion EA

Catherine:

The Northeastern Municipal Services Office did receive the EA for McDougall, your file no. EA 02-08-01, however, due to workload issues, we do not anticipate providing comprehensive comments at this time.

The Township has landfill policies in effect in their Official Plan which are in accordance with MOE Guideline "D-4 Land Use On or Near Landfills and Dumps" and a recently adopted Official Plan, but not yet approved, which retains these policies.

Should you have any questions, please give me a call at 1-705-564-6864.

Laurie Brownlee, Planner
Northeastern Municipal Services Office
Ministry of Municipal Affairs and Housing
159 Cedar Street, Suite 401
Sudbury ON P3E 6A5
T: 705-564-6864
F: 705-564-6863
E: laurie.brownlee@mah.gov.on.ca
Please visit our new Regional Website at: <http://www.mah.gov.on.ca/onramp-ne>

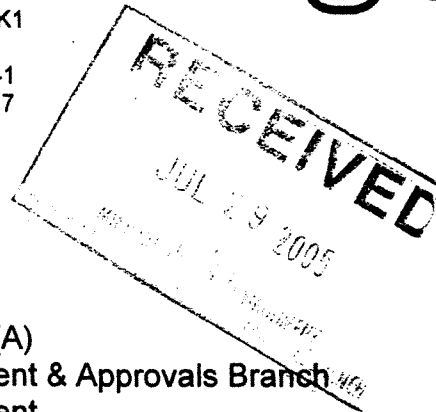
McLennon, Catherine (ENE)

From: Bissonnette, Michael (MNR)
Sent: August 31, 2005 8:42 AM
To: McLennon, Catherine (ENE)
Subject: RE: Municipality of McDougall landfill Expansion EA

Hi Catherine

We have reviewed the Municipality of McDougall Landfill Expansion EA (File no EA02-08-01) and the Ministry of Natural Resources (Parry Sound District) has no comments.

Thanks
Michael Bissonnette
Resource Planner
Ministry of Natural Resources
Orillia Area Office
Parry Sound District
(705) 646-5526



Date: JUL 28 2005

Memorandum to: Catherine McLennon
Special Projects Officer (A)
Environmental Assessment & Approvals Branch
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, ON M4V 1L5

**Subject: MUNICIPALITY OF MCDOUGALL LANDFILL EXPANSION EA
02-08-01 – ENVIRONMENTAL ASSESSMENT**

Thank you for your memorandum dated June 10, 2005, in which you request that the Ontario Secretariat for Aboriginal Affairs (OSAA) review and comment on the above noted project's Environmental Assessment (EA).

The mandated responsibilities of OSAA include conducting land claim negotiations and finalizing and implementing land claim settlement agreements on behalf of the Province. In light of this mandate, OSAA has reviewed the materials and notes that there does not appear to be any land claims in the vicinity of the project, which could impact on this project.

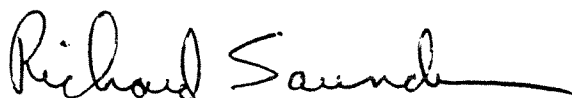
For your information, OSAA noted in correspondence to the proponent dated March 9, 2004 and May 17, 2005, that the proposed project could impact or be of interest to Aboriginal people and recommended contacting seven First Nations, the Anishinabek Nation/Union of Ontario Indians (AN/UOI) and Indian and Northern Affairs Canada (INAC) contacts for their comments. In Volume 1, Section 3.6.3 of the EA Report, the proponent indicates that eight First Nations were contacted, including the seven First Nations recommended by OSAA, and asked to comment on the Draft EA Report. Volume 2, Appendix H of the EA Report, includes copies of letters distributed to the Nipissing First Nation and the seven First Nations, enclosing the Draft EA Report for their review. In addition, Volume 2, Appendix I of the EA Report, indicates that the proponent has not received any comments or objections from the First Nations.

OSAA recommends that, as per our May 17, 2005 correspondence, contact be made with the AN/UOI if this has not already been done. OSAA recommends follow-up contact be made with the identified seven First Nations to determine if they have any further comments regarding the EA. OSAA also recommends that they be provided with a copy of the final EA.

As you are aware, the Crown has a duty to consult with Aboriginal communities where its actions may adversely affect established or asserted Aboriginal or treaty rights. We recommend that you consult your legal branch for advice on whether the Crown has any constitutional or other legal obligations to consult Aboriginal peoples in these circumstances.

Please contact David Pickles, Senior Policy Advisor, OSAA, at 416-326-4757 if you have any further inquiries.

Thank you for this opportunity to comment.

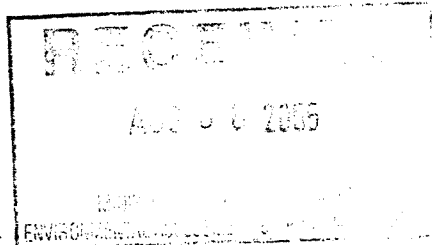
A handwritten signature in black ink that reads "Richard Saunders". The signature is written in a cursive style with a long horizontal line extending from the end of the name.

Richard Saunders
Director
Corporate Aboriginal Policy and Management Branch

c: David Pickles



August 3, 2005



MEMORANDUM

TO: Catherine McLennon
Special Projects Officer (A), EA Project Coordinator
Environmental Assessment and Approvals Branch

FROM: K. D. Hawley, P. Geo.
Hydrogeologist
Technical Support Section
Northern Region

RE: Municipality of McDougall Waste Disposal Solution
Environmental Assessment, EA File No. EA 02-08-01

This memo is in response to your request for a review of the above-noted report prepared by Consetoga Rovers Associates. Please find my comments noted below.

I have reviewed the entire text of the report and find it to be fact full and very understandable as it relates to the process followed for the EA report. I will however leave the assessment process up to you and the district office and restrict my comments solely to the groundwater aspects of this report.

Comments:

- this site has and is being well studied and monitored
 - the hydrogeology is well understood
 - the existing site is now a contained cell with leachate collection and treatment
 - the proposed addition will only cover the remainder of the existing licensed fill footprint
 - the new cell will also be a lined engineered cell with leachate collection and treatment
 - residual contaminants from the past natural attenuation operation is being dealt with .
- This will continue to be the case

- additional monitoring of the new cell will also be done via the installation of additional monitoring wells
- contingency plans are in place
- the site boundaries will not need to be increased
- the fill site footprint based on the original footprint will not be increased
- the new cell will be located where the ground has already been disturbed with waste.

It is my belief that the choice made by the consultants is not only the most obvious choice but would also appear to be the best ranked choice after going through the process.

The project is to find a site to deal with the waste for the area for the next 25 years. It is my belief that the other landfills currently servicing this area should be looked into for closure or is the 25 years based on the continued operation of those sites. This needs to be clearly put forward.

I trust that this will meet your current requirements. If there are any questions, please contact me.

A handwritten signature in black ink, reading "K. D. Hawley P. Geo." in a cursive style.

K. D. Hawley, P. Geo.

KDH/ab/C08-01

Ministry of the Environment

199 Larch Street
Suite 1201
Sudbury ON P3E 5P9

Ministère de l'Environnement

199, rue Larch
Bureau 1201
Sudbury ON P3E 5P9



Direct Line: (705) 564-8885
Fax: (705) 564-4180

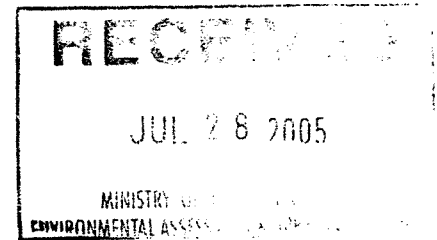
July 27, 2005

MEMORANDUM:

TO: Catherine McLennon
Special Projects Officer, EA Project Coordination
Environmental Assessment and Approvals Branch

FROM: Ed Snucins
Surface Water Specialist
Technical Support, Northern Region


RE: Municipality Of McDougall Waste Disposal Solution Environmental Assessment
EA File No. EA 02-08-01



As requested, I reviewed the document prepared by Conestoga-Rovers & Associates for the Corporation of the Municipality of McDougall, dated June 2005 and entitled "Environmental Assessment For One Or More Waste Disposal Solutions For The Municipality of McDougall And Other Area Municipalities".

I identified the following shortcomings in the document.

- (1) The inventory of aquatic biota in the vicinity of the landfill relied heavily upon available data, which were not necessarily up-to-date, and no data were provided for some features. In particular, surveys should have been done to characterize the aquatic biota in the surface waters that were identified as receiving drainage from the site: (a) the intermittent stream that drains to the Seguin River; and (b) and the large wetland located along McDougall Road. Those features were identified in Appendix F, but should also be marked on the figures.
- (2) The net effects on surface waters and aquatic biota were predicted to be low after implementation of mitigation and contingency measures, but there was no description of the potential impacts of an uncontrolled release of contaminants. The assessment of overall risk should include consideration of the consequences of containment failure, even though the likelihood of it occurring is assumed to be low. Historical site contamination data should be presented to help illustrate the magnitude and spatial extent of potential effects.


Ed Snucins, M.Sc. Biol.
Surface Water Specialist

cc. Regional file – SW NB SEG 01 (McDougall Landfill)

Ministry of the Environment
435 James Street South
Suite 331
Thunder Bay, ON P7E 6S7

Ministère de l'Environnement
435 rue James sud
Bureau 331
Thunder Bay, ON P7E 6S7



Fax: (807) 475-1754
Direct Line: (807) 475-1728

August 5, 2005

MEMORANDUM

TO: Catherine McLennon
Special Projects Officer (A), EA Project Coordination
Environmental Assessment and Approvals Branch

FROM: Stephanie Barnes
EA Coordinator, Technical Support Section
Northern Region

RE: Municipality of McDougall Waste Disposal Solution Environmental
Assessment
EA File No. EA 02-08-01

As requested, the Technical Support Section (APEP) of the Northern Regional Office has reviewed the Municipality of McDougall Waste Disposal Solution Environmental Assessment (EA) prepared by Conestoga-Rovers & Associates (June 2005). The APEP review of the EA focused on the consideration of land use planning and compatibility issues, including the potential for adverse nuisance effects associated with the operation of the landfill. The following comments are offered for your consideration.

As the proposed expansion is within the approved waste fill area of an existing landfill, it is unlikely that there will be any new compatibility issues with existing surrounding land uses. The EA states that the proposed waste expansion area has been previously disturbed for aggregate extraction, and was previously used for waste disposal. The Official Plan (OP) for the Municipality of McDougall contains a policy that recognizes the existing landfill site within the Landfill Impact Area (Section 15.02), and the municipality's zoning by-law zones the existing landfill as "Waste Disposal." Therefore, all the appropriate zoning is in place to permit the extension of the existing fill area.


The Landfill Impact Area identified in the OP recognizes that lands within 1 km of the existing landfill site may be impacted by leachate-impacted groundwater migrating from the site due to its former operation as an attenuation site. All lands within the impact area have been placed in a "Holding" zone in the zoning by-law. The EA states that the "Holding" zone will remain in place until the municipality is satisfied that the groundwater quality has improved.

The use of the "Holding" zone may also serve to control future development of the surrounding lands. The zoning of some lands within 1 km of the landfill allow for sensitive land uses (e.g., rural zone, waterfront residential zone, tourist commercial zone). The municipality should consider using the "Holding" zone to place restrictions and controls on land use near the landfill. The conditions for removing the "Holding" symbol to permit a land use proposal could include a requirement for a study to address environmental issues (ground/surface water contamination, air quality, etc.), an assessment of adverse effects from the operation of the landfill, buffering techniques, and monitoring techniques. The municipality should consult the Ministry's Guideline D-4 "Land Use on or near Landfills and Dumps" for further direction on reviewing land use proposals near open and closed waste disposal sites.

One land use compatibility issue that the EA does not address in sufficient detail is the impact of the proposed vertical expansion of the waste fill area. Section 7.3 (page 102) states that the "engineered portion of the McDougall Landfill Site sits atop a regional topographic high point ... the ground at the base of the landfill site is up to 50 metres higher than lakes and rivers in the vicinity." It is not clear in the EA whether the landfill can be seen from the surrounding lands. The EA should indicate the approximate additional height to the landfill that would result from the proposed vertical expansion. There may be visual impacts associated with the proposed vertical expansion that may cause adverse effects on other land uses in the area.

The EA also does not sufficiently address the potential for air quality and visual impacts along the haul route to the landfill. Section 9.2 speaks to air quality impacts at the landfill but not along the haul route. It is not clear whether additional trucks will be using the haul route on a daily basis and whether there may be impacts associated with this increased use (odour, dust, noise, litter, etc.).

If you have any questions regarding the above comments, please contact me at (807) 475-1728.



Stephanie Barnes

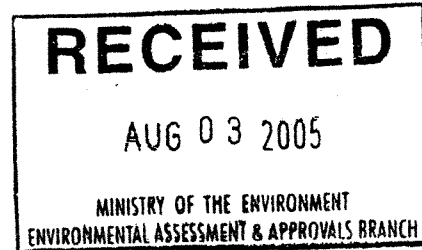
Ministry of the Environment
Northern Region
North Bay Area Office
191 Booth Road, Unit # 16 & 17
North Bay ON P1A 4K3
Fax: (705)497-6866
Telephone: (705) 497-6865

Ministère de l'Environnement
Direction régionale du Nord
Bureau du secteur de North Bay
191 rue booth, unite # 16 & 17
North Bay ON P1A 4K3
Télécopieur: (705)497-6866



Date August 1, 2005

Memorandum



To : Catherine McLennon
Project Officer, EA Project Coordination
Environmental Assessments & Approvals Branch

From: Frank Driscoll
Senior Environmental Officer
North Bay Area Office

Re: Municipality of McDougall Waste Disposal Solution
Environmental Assessment
EA File No. EA 02-08-017

I have completed my review of the above noted environmental assessment document.

The North Bay office has no objections to Environmental Assessment approval of the proposed expansion of the existing landfill site as the preferred waste disposal solution set out by the Municipality of McDougall in the document. The document adequately addresses the previous district office concerns and comments put forward upon review of the draft document.

A handwritten signature in black ink, appearing to read "Frank Driscoll".

Frank A. Driscoll

file:

MEMO TO: Catherine McLennon
Project Officer, EAAB

August 5, 2005

FROM: Jim Hiraishi, WMPB

Re: McDougall EA-Comments from WMPB

I have completed my review of the EA, *Environmental Assessment for One or More Waste Disposal Solutions for the Municipality of McDougall and Other Area Municipalities*, Volume I-Text, Figures, and Tables and Volume II-Appendices prepared by CRA and dated June 2005.

Comments were forwarded on the draft EA prepared by CRA dated February 2005. A copy of the comments are attached for your reference. WMPB has no further comments to make at this time.

Please call me if you have any questions or concerns.

Prepared by: _____

Jim Hiraishi, P.Eng.
Waste Management Policy Branch
416-212-7098

Ministry
of the
Environment

2 St. Clair Avenue West
Floor 12A
Toronto, ON M4V 1L5

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de
l'Environnement

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Étage 12A
Toronto, ON M4V 1L5



Environmental Assessment and Approvals Branch

Tel: (416) 314-8001
Fax: (416) 314-8452

August 10, 2005

MEMORANDUM

TO: Catherine McLennon
Project Officer, EA Project Coordination Section
Environmental Assessment & Approvals Branch

FROM: John Kowalewski
Senior Engineer - Noise
Air and Noise Section
Environmental Assessment & Approvals Branch

RE: Municipality of McDougall Waste Disposal Solution
Environmental Assessment
EA File No. EA 02-08-01

Responding to your request, we have reviewed the report entitled "*Environmental Assessment for One or More Waste Disposal Solutions for the Municipality of McDougall and Other Area Municipalities*", dated June 2005. One of the objectives of this document is to identify and evaluate potential noise effects due to the proposed operations of the above-noted facility. A previous noise review of the draft report was found to be incomplete (memorandum dated March 15, 2005, by John Kowalewski).

The subject report has identified audible noise as part of the potential environmental effects for evaluation and possible mitigation. Based on the current operations at the site and the land uses in the surrounding area, the report indicates that the anticipated environmental effect due to the proposed facility is expected to be "low". However, this report does not provide detailed noise information for review but it indicates that a detailed noise assessment will be submitted at the approvals stage under the EPA requirements.

Therefore we expect to review the application for approval for the subject facility, including a detailed noise assessment for compliance with the MOE Noise guidelines, once it is submitted.. If you have any questions please contact me at 416-314-0412.

Yours truly,

A handwritten signature in dark ink, appearing to read "John Kowalewski", written over a horizontal line.

John Kowalewski
Senior Engineer - Noise

Environmental Assessment and Approvals Branch

Tel: (416) 314-8298
Fax: (416) 314-8452

July 29, 2005

MEMORANDUM

TO: Catherine McLennon
Project Officer, EA Project Coordination Section
Environmental Assessment and Approvals Branch

FROM: Stefanos Habtom
Senior Water Engineer
Water and Wastewater Unit, CAR Section, EAAB

RE: Review of the Environmental Assessment for the Municipality of McDougall Waste
Disposal Solutions
EA FILE No. EA 02-08-01

I have completed my review of the Environmental Assessment for the Municipality of McDougall Waste Disposal Solutions dated June 2005 on behalf of the Water and Wastewater Unit of the Environmental Assessment and Approvals Branch.

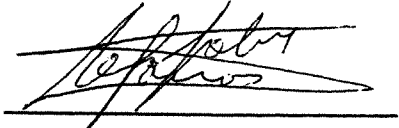
I would like to indicate that my review comments on the draft EA for the Municipality of McDougall Waste Disposal Solutions dated February 2005 are still outstanding with the exception of comment # 2 and comment # 5 which have been addressed. My review comments on the final EA will focus on the mandate area of Water and Wastewater Unit under Section 53 of the *Ontario Water Resource Act* (OWRA). I provide the following comments for your consideration:

1. Section 9.1 indicates that CRA previously evaluated various waste footprint expansion alternatives for the McDougall Landfill Site in a report entitled "Engineering/Planning Evaluation and Cost Assessment" prepared in February 2003. This document concluded that the vertical and east expansion of the site is the best alternative. The EA has used this document to evaluate the 'alternatives methods' but was not made available to me as an EA reviewer. It is critical that this document be made available to me to evaluate the comparative evaluation scoring provided in Table 8.4 of the EA document and evaluate the potential environmental impacts of each 'alternative method' as discussed in Section 9.0 of the EA document.
2. Section 9.71 of the EA document indicates that the foot print expansion of the landfill site will include the use of a composite liner system for leachate collection. The EA does not include any discussion on leachate collection, treatment and disposal alternatives. The EA need to identify the potential amount of leachate that will be generated if the selected expansion alternative is implemented and provide comparison of available leachate treatment and disposal alternatives based on environmental impact, technical feasibility,

and economic feasibility of the available alternatives. The alternatives could include on-site treatment or treatment in a municipal sewage treatment plant capable of treating the leachate that will be generated from the site. An application for a certificate of approval under Section 53 of the OWRA will be required to approve the design and operation of the selected leachate collection and treatment alternative.

If you require any additional information, please contact me at (416) 314 8298.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Stefanos Habtom', written over a horizontal line.

Stefanos Habtom, P. Eng.

c: Mohamed Dhalla, Supervisor, EAAB

Environmental Assessment and Approvals Branch

Tel: (416) 314-5138
Fax: (416) 314-8452

August 5, 2005

MEMORANDUM:

TO: Ms. Catherine McLennon
Special Projects Officer (A), EA Project Coordination Section
Environmental Assessment and Approvals Branch

FROM: Greg Washuta, P. Eng.
Senior Waste Engineer, Waste Unit, EAAB

RE: REVIEW OF ENVIRONMENTAL ASSESSMENT FOR ONE OR MORE
WASTE DISPOSAL SOLUTIONS FOR THE MUNICIPALITY OF MC
DOUGALL AND OTHER AREA MUNICIPALITIES

I have completed a review of the document entitled "*Environmental Assessment For One Or More Waste Disposal Solutions for the Municipality of Mc Dougall And Other Area Municipalities*", prepared by Conestoga-Rovers and Associates, dated June 2005. The following comments are provided.

1. **Executive Summary, page I** - The text estimates the amount of waste to be generated over a 25 year period to be 678,738 cubic metres. The EA document does not the basis for how this number was determined. The document should include the annual amount of waste to be handled, the waste generated per capita for current population, waste generated per capita considering the seasonal population, future growth rates and yearly waste generation. Values for waste density and ratio of waste to daily cover material should also be provided.
2. **Page 42, Section 3.8 Provincial Policy Statement, First number point** - The text reads "*Ontario's long-term prosperity, environmental health and social ell-being.*" The text should be revised to read "*Ontario's long-term prosperity, environmental health and social well-being.*"
3. **Page 70, Section 4.4 Export of Waste, third bullet point** - The text refers to Canadian Waste Moose Creek Landfill. The Ministry is not aware of Waste Management of Canada's Moose Creek Landfill. Perhaps the intention was to refer to Lafleche Environmental Inc.'s Moose Creek Landfill?

4. **Page 85, footnote at bottom of the page** - What is the basis for using greater than 1.5 times the current level of spending on waste disposal services as a substantial increase?
5. **Page 88, Section 5.7.1 Landfilling, fourth bullet points** - A schematic or a drawing should be provided to illustrate the engineering advances that have led to significant improvements in site performance and environmental protection for waste disposal.
6. **Page 89, Section 5.7.1 Landfilling, first bullet point** - What are the ongoing improvements in engineering design, construction and operation that will be employed at the proposed site?
7. **Page 98, Section 6.0 Identification of "Alternative Methods"** - The document fails to provide information on each of the proposed alternatives such as proposed height, proposed depth, proposed landfill footprint area and method of waste placement (area versus trench method).
8. **Page 100, Section 7.1 Geology** - As mentioned in the review of the draft EA document, this section does not indicate if there are suitable soils on site for the construction of the engineered landfill. The text speaks in general terms about the geology of the site area. Specifics such as borehole logs and test pit logs should be included in appendices to the EA document.
9. **Page 115, Section 9.2 Air Quality, Second paragraph** - The text mentions that "*landfill gas will be managed in accordance with the requirements of Part III S. 14 of O. Reg. 232/98 as amended.*" Please note that Section 14(1) of Ontario Regulation 232/98 states: "*A person shall not establish a new landfilling site or increase the total waste disposal volume of an existing landfill site unless a written report has been prepared in accordance with this section that contains the following:*
 1. *An assessment of the potential for the migration of landfill gas in the subsurface.*
 2. *Plans, specifications and descriptions for the monitoring, control, collection, use or discharge of landfill gas at the site if, on the basis of the assessment, any of these actions are necessary.*"
10. **Page 117, Section 9.6 Design and Operations** - The piggy back method of landfilling is referred to in this section. The preferred option would be to "piggy back" over the east slope of the existing landfill waste footprint. In the absence of design/engineering details, the MOE remains concerned about this approach. When assessing the potential environmental impacts due to landfill expansion over existing waste, the effects of the increased mass per unit of fill area on the contaminating life span, service lives, and contaminant transport must be evaluated as required by Ontario Regulation 232/98. The additional waste thickness must be shown to not adversely affect the natural environment, either through increased contaminant transport, potential instability, or inadequacy of landfill facilities such as leachate containment / collection systems.

Consideration must also be given to:

- a. Global and differential settlement caused by compression of existing waste under additional waste loading and its effects on newly-placed liners and leachate

collection systems (it is good practice to instrument a landfill for determination of settlement with time before vertical expansion proceeds); and

- b. Landfill stability of newly-placed waste and lining systems and the effects of increased loading on the global stability of the landfill, including the existing waste.

In addition, the tying-in of engineered facilities such as liners and leachate collection systems between existing and new waste disposal areas presents challenges. It is unclear from the document if an engineered liner or leachate collection system will be constructed on several metres of solid waste. If this is the case, the design is not a preferred design since the suitability of solid waste as a foundation material is questionable. Significant total and differential settlement may be predicted to happen after the construction of an engineered system on the existing waste and placement of new wastes over the system.

- 11. **Page 117, Section 9.7.1 Overall Groundwater Assessment, First paragraph, first sentence** - The text refers to composite liner system. As mentioned in the review of the draft EA document, a schematic of the composite liner system should be provided in the EA document.
- 12. **Page 117, Section 9.7.1 Overall Groundwater Assessment, First paragraph** - The report indicates that *"Engineered controls and mitigative measures implemented to address residual landfill impacts from the historic natural attenuation landfill on the property are more than adequate to attenuate any incremental increases in groundwater impacts due to landfill expansion."* The proponent should provide as appendices to the EA document any studies or reports completed to prove that any incremental increase in groundwater impacts due to the proposed expansion will be attenuated through engineered controls or mitigative measures.
- 13. **Page 117, Section 9.7.1 Overall Groundwater Assessment, First paragraph** - The report mentions that *"groundwater impacts from the expansion will be minimal."* Landfill Standard #10(2)(b) in Reg. 232/98 states :
"The design for the groundwater protection features of the site must, if the total waste disposal volume of an existing landfilling site is being increased, meet the criteria set out in subsection (3)"

The **generic design approach is not an option** for the Mc Dougall Landfill Expansion, i.e., the site-specific design approach in Landfill Standard #10(3) must be followed. Section 10(3) requires that the proponent design the landfill in such a manner that the concentration of any contaminant listed in Column 1 of Table 1 not exceed the Ministry's Reasonable Use Criteria at the property boundary. This does not prevent the proponent from using the design components in Generic Design Option 1 or 2, as long as the proponent demonstrates that the performance criteria for groundwater protection in Landfill Standard #10(3) are met.

The performance criteria for groundwater protection are as follows:

1. *The objective of the design must be that the site will not cause the concentration of any contaminant listed in Column 1 of Table 1 to exceed the maximum allowable concentration for the contaminant in the ground water at any point on any adjacent property.*
2. *For the purpose of paragraph 1, the maximum allowable concentration for a contaminant shall be determined in accordance with the following formula:*
$$C_m = C_b + X(C_r - C_b)$$
where,
C_m is the maximum allowable concentration for the contaminant,
C_b is the background concentration of the contaminant in the ground water of the receptor aquifer.
C_r is the health related drinking water objective for the contaminant or the aesthetic drinking water objective for the contaminant, whichever is applicable, as set out in Column 5 or 6 of Table 1, and
X is,
 - (a) *0.25, if C_r is a health related drinking water objective, or*
 - (b) *0.50, if C_r is an aesthetic drinking water objective.*
3. *The initial source concentration, mass as a proportion of total (wet) mass and half-life in leachate set out in Columns 2, 3 and 4 of Table 1 must be used for the purposes of evaluating the design with respect to the objective set out in paragraph 1.*
4. *The design must consider both advective and diffusive contaminant transport and must include examination of the effect of the failure of any engineered facilities when their service lives are reached.*
5. *A service life set out in Schedule 1, 2, 3 or 4 for an engineered facility may be used for the purpose of evaluating the design with respect to the objective set out in paragraph 1 if the relevant conditions set out in that Schedule are met.*
6. *Despite paragraphs 1, 2 and 3, if it is appropriate because of the nature of the waste or because the reasonable use of the ground water on the adjacent property is other than for drinking water, the Director may,*
 - I. *for the purposes of evaluating the design with respect to the objective set out in paragraph 1,*
 - A. *require or permit the use of values specified by the Director for C_r and X in the formula set out in paragraph 2, instead of the values set out in that paragraph, and*
 - B. *require or permit the use of an initial source concentration, mass as a proportion of total (wet) mass or half-life in leachate specified by the Director instead of the initial source concentration, mass as a proportion of total (wet) mass or half-life in leachate set out in Column 2, 3 or 4 of Table 1, or*
 - ii. *require or permit the objective of the design to be based in whole or in part on contaminants other than those listed in Column 1 of Table 1 and, for the purpose of evaluating the design with respect to that objective,*
 - A. *require or permit the use of values specified by the Director*

- with respect to each of the other contaminants for Cr and X in the formula set out in paragraph 2, and*
- B. *require or permit the use of an initial source concentration, mass as a proportion of total (wet) mass or half-life in leachate specified by the Director with respect to each of the other contaminants.*

Even if the generic design is chosen, a hydrogeologic assessment is still necessary to ensure that the conditions for use of the designs are met (i.e. attenuation layer and background chloride concentrations). In both the site specific and generic design cases, a good understanding of the geologic and hydrogeologic setting is needed to ensure that effective groundwater monitoring and leachate contingency plans can be developed, and for site construction purposes.

7. **Page 118, Section 9.7.3. Contingency Measures, second paragraph** - The text reads "*A Compliance Plan (CRA ; April 2005) has been implanted...*". The text should be revised to read "*A Compliance Plan (CRA , April 2005) has been **implemented**...*"
8. **Page 120, Section 9.11.2 Erosion Control, first bullet point** - The report indicates that "*storm water management facilities will be capable of conveying and storing the runoff volume associated with the 100 year storm event.*" Section 4.9.2, Guideline (d)(ii) on page 61 of the *Landfill Standards Guideline*, MOE May 1998 states:

*"the design of any storm water management facilities for the purpose of surface water quantity control (i.e., peak flow reduction) of non-contaminated storm water should be designed to temporarily store the runoff volume generated from controlling all storm events up to the higher of the 24-hour, 100-year design storm or the prevailing **Regional Storm event**, at or below the existing condition (i.e., pre-landfill) peak flows, such that there is no appreciable change in the potential for flooding and/or erosion in the watercourses receiving surface water discharges from the landfilling site".*

Accordingly, the text should be revised to reflect the requirements of Ontario Regulation 232/98.
9. **Tables 8.2 & 8.3, Groundwater** - Why is the groundwater flow system position within the flow system not applicable for Alternative Method 5 and 7?
10. **Table 8.2, Design and Operation** - For Alternative Method 3 (north), it should be mentioned that the design would not meet the requirements under Ontario Regulation 232/98 for a 100 metre buffer zone on the west side. For Alternative Method 5 (new waste footprint elsewhere on site) it appears an adequate buffer zone would exist as shown on Figure 14. It is unclear for Alternative 7 (vertical expansion) what the term "*would not comply with existing requirements for maximum slopes*" means. Any landfill expansion would be subject to Ontario Regulation 232/98 requirements for final slopes which at present is 5% to 25%.
11. **Table 8.3, Transportation** - The table contains references to Highways 401, 402, 403,

404, 405 and 406 which are not relevant to this particular site. The reference should be to Highway 400.

12. Appendix H, Cover Page -The cover pages states "*Letter to Catherine McLennon, Project Officer of the Ministry of Transportation.*" The cover page should be revised to read "*Letter to Catherine McLennon, Project Officer of the Ministry of the Environment.*"
13. **Appendix H, Sub Appendix B, Page 3** - Definitions should be provided for the terms "*shred-fill method*", "*bale fill method*" and "*place and compact method.*"
14. As indicated in review of the draft EA document, a conceptual operational principle for the landfill should be provided. The document neglects to provide this information.
15. The draft EA document fails to mention other Ministry guidelines that will followed in implementing the preferred alternative such as Guideline B-7, Guideline D-4-1, Ontario Drinking Water Standards, Provincial Water Quality Objectives, etc.
16. As mentioned in the review of the draft EA document, an estimate of the amount of leachate that will be generated if the preferred alternative is implemented, how the leachate will be handled, whether the local wastewater treatment plant will be able to handle the proposed increase in leachate quantities and confirmation in writing that the local wastewater treatment plant will accept the quantity and quality of leachate originating from the site should be provided.
17. The text fails to mention the requirement for a Geotechnical assessment to be completed as required under Ontario Regulation 232/98. Sections 6(1) and 6(2) state:

"A person shall not establish a new landfilling site or increase the total waste disposal volume of an existing landfilling site unless a written report has been prepared in accordance with this section.

"The report must describe the design of the landfilling site and must contain,

(v) a geotechnical assessment of the suitability of the site for landfilling of municipal waste that considers bearing capacity, differential settlement and slope stability during construction, operation and after closure, and that addresses the potential effects on any liner or leachate collection system."

If you have any inquiries to the above, please contact me at (416) 314-5138.

Yours truly,



Greg Washuta, P. Eng.
Senior Waste Engineer

Waste Unit, Certificate of Approval Review Section
cc: Ian Parrott, Supervisor - Waste Unit, EAAB

Environmental Assessment and Approvals Branch

Tel: (416) 314-8001
Fax: (416) 314-8452

August 12, 2005

MEMORANDUM

TO: Douglas J. Robertson
Conestoga-Rovers & Associates

FROM: Catherine McLennon
Special Projects Officer (A), EA Project Coordination Section
Environmental Assessment & Approvals Branch

RE: Environmental Assessment of One or More Waste Disposal Solutions for the
Municipality of McDougall and Other Area Municipalities

The following are my comments on the above-noted Environmental Assessment (EA), Volumes I and II, submitted by the Municipality of McDougall and dated June 10, 2005.

1. Page 54, for comparative purposes do the diversion programs (and applicable rates) for the partner municipalities also include the diversion of scrap metals, wood and tires as provided for McDougall?
2. Page 61, 4th last paragraph, last sentence is incomplete.
3. Page 62, it is stated that composting is the only feasible enhanced waste diversion strategy - is this being contemplated as a way to minimize the amount of waste to be disposed of?
4. Page 77, the 'export' description references the alternative to of 'landfilling' rather than "export". Also, only the primary study area is referenced, what about the secondary study area (this also is true for other environmental components)?
5. Page 77, the 'do nothing' description references the alternative to of 'landfilling' rather than "do nothing".
6. What is the rationale for a 1.5 times increase is considered a substantial increase in the current level of spending?
7. Page 98, the rationale for the alternative methods of expanding the McDougall landfill fill area is needed.
8. Page 105, has a road inventory been done since 1998?

9. Page 109, a less subjective explanation of the scores for the comparative evaluation of alternative methods is required. Stating that the scoring is based on experience and site knowledge does not allow the reader to trace the decision making of the proponent. This traceability is also important as the total scores for several of the alternative methods were close.
10. Page 125, the environmental monitoring plan also must monitor commitments made throughout the EA (not just the commitments listed in section 10.0) and during the EA review period.

If you have any questions about any of the above comments, please let me know.

A handwritten signature in black ink, appearing to read 'Cath McL', written over a horizontal line.

Catherine McLennon



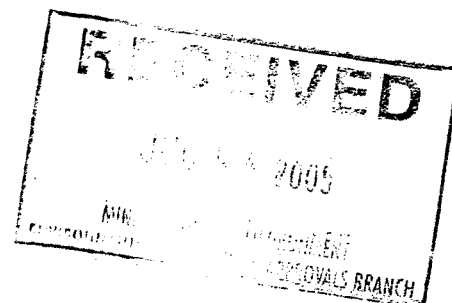
Environment Canada Environnement Canada

Environmental Policy & Assessment Division
Great Lakes & Corporate Affairs Office
Environment Canada, Ontario Region
P.O. Box 5050, 867 Lakeshore Rd.
Burlington, Ontario L7R 4A6

Our File No.: P-2003-093
Your File No.:

June 29, 2005

Catherine McLennon
Special Projects Officer
Environmental Assessment and Approvals Branch
Ministry of the Environment
2 St. Clair Ave. W., Floor 12A
Toronto, ON M4V 1L5



Dear Ms. McLennon,

**Re: Environment Canada comments on Municipality of McDougall Waste Disposal Solutions
 June 2005 Environmental Assessment Report**

Thank you for the opportunity for Environment Canada (EC) to comment on the June 2005 Environmental Assessment (EA) Report for the above mentioned project submitted to the Ministry of the Environment for approval under the Ontario *Environmental Assessment Act*.

We have determined that Environment Canada (EC) does not have any obligations that would trigger a federal EA of this project under the *Canadian Environmental Assessment Act* (CEAA). We would expect that the Canadian Environmental Assessment Agency has been contacted to determine whether any other federal departments have, or are likely to, trigger an EA of the project under CEAA, and if so, how coordination between federal and provincial EA processes can be achieved.

We have reviewed Volumes I and II of the EA Report and offer advice in the context of earlier comments provided to the proponent's consultant on March 23, 2005 on the draft environmental assessment report in relation to our interests pursuant to the federal *Species at Risk Act*.

Tab I of Volume II of the EA Report contains an April 4, 2005 letter to Douglas Robertson, Conestoga-Rovers and Associates, from David Stephenson, Natural Resources Solutions Inc. (NRSI) in response to EC's March 23, 2005 comments. This letter of response had not been previously provided to Environment Canada. Nonetheless, NRSI indicates in this letter that the preferred expansion area is a mostly unvegetated gravel pit, devoid of marsh habitats, and that the preferred habitat of Least Bittern is not found within the study area.

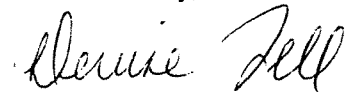
NRSI has indicated that Eastern Massasauga Rattlesnake may be found in old field, open habitats, but are not likely to be found in this area due to the early nature of the natural succession and historical impact of the gravel pit. The preferred option was not shown on a map in the EA Report with the expansion boundaries delineated in relation to vegetation communities, as recommended by NRSI in their April 4 letter (and EC in our March 23 letter), however it appears from our review that some old field communities may lie within the expansion area. Although this consultation does not appear to be documented in the EA Report, we would expect that the Ontario Ministry of Natural Resources have been or will be consulted as we had suggested regarding the potential impacts of the project on reptile species at risk since these species are the responsibility of the provincial government, and the Ontario Ministry of Natural Resources should be able to provide expertise and advice on these species.



- The advice provided in this letter does not relieve the proponent from meeting the requirements of federal legislation such as the federal *Fisheries Act*, including subsection 36(3), the *Species at Risk Act*, the *Migratory Birds Regulations*, or any regulations made under the *Canadian Environmental Protection Act* that are applicable to the project. Information and comments provided here should not be construed as a fettering of the federal government's ability to make decisions and/or enforce any applicable regulations.

I trust that these comments will assist you in your review of the environmental assessment. If you wish to discuss any of these comments, do not hesitate to contact me at (905) 336-4951 or by email at denise.fell@ec.gc.ca.

Yours sincerely,



Denise Fell
Environmental Assessment Officer, EA Section
Environment Canada -Ontario Region

c.c. Rob Dobos, EC
Douglas Robertson, Conestoga-Rovers & Associates
Louise Knox, CEAA



Transport Canada
Ontario Region
Programs and Divestiture

Transports Canada
Région de l'Ontario
Programmes et cession

RECEIVED

JUL 06 2005

MINISTRY OF THE ENVIRONMENT
ENVIRONMENTAL ASSESSMENT & APPROVALS BRANCH

4900 Yonge Street
North York, Ontario
M2N 6A5

July 4, 2005

Catherine McLennon
Special Projects Officer
Environmental Assessment and Approvals Branch
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, ON
M4V 1L5

Project No. EA 02-08-01

Re: Municipality of McDougall Landfill Expansion Environmental Assessment

Dear Ms. McLennon:

Thank you for your letter dated June 10, 2005 regarding the opportunity to comment on the Environmental Assessment for the Municipality of McDougall Landfill Expansion.

I have reviewed the Environmental Assessment with regards to the Existing and Planned Land Use and determined that the rationale used for evaluating the preferred alternative of landfill expansion does not satisfy Transport Canada's mandate.

It is our position that all waste facility projects should include the implementation of a bird management plan which addresses aviation safety criteria, and that these facilities should commit to operating as bird-free sites. The rationale should be revised to include the following:

- Seek to avoid developments that would attract birds into proximity with airports. Specifically, Transport Canada cautions against the siting or expansion of landfills within 15 km of an airport, where risks are highest. One of the compliance criteria included in Transport Canada's new Wildlife Planning and Management regulation is based on waste disposal facilities situated within 15 km of the airport geometric center. These airports will be required to conduct a risk assessment and have in place a wildlife management plan.
- Since birds are known to travel up to 60 km between roosting and feeding sites, strict bird hazard management plans may need to be developed for waste facilities within this zone.
- Risks are greatest where an airport lies between a water body and a landfill, as this may cause bird flight paths to cross aeronautical flight paths

Canada

Comments provided by Transport Canada to the proponent on March 2, 2005 were not incorporated into the final EA. While Transport Canada maintains that all waste facility projects, with the potential to attract birds, should complete a formal risk analysis related to this hazard, we do not have an approval role with regard to waste facility proposals. Our role is limited to providing guidance to minimize impacts between aircraft and birds.

If you have any questions or require further information, please do not hesitate to contact me.

Yours truly,

A handwritten signature in black ink, appearing to read 'R. Earl', with a stylized flourish at the end.

Rebecca Earl
Environmental Officer
Tel.: (416) 952-0474
FAX: (416) 952-0514
earlr@tc.gc.ca

cc: Monique Mousseau, Regional Manager, Environment & Engineering, Transport
Canada
Bruce MacKinnon, Specialist, Wildlife Control, Transport Canada



Fisheries and Oceans Canada Pêches et Océans Canada

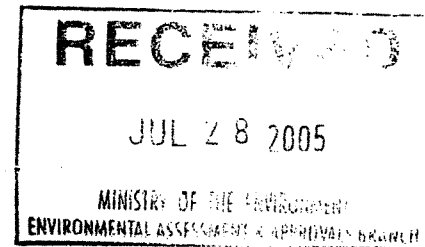
28 Waubeek Street
Parry Sound, Ontario
P2A 1B9

Your file Votre référence
EA 02-08-01

July 27, 2005

Our file Notre référence
PS-05-1595

Catherine McLennon
Ontario Ministry of the Environment
2 St. Clair Avenue West
14th Floor
Toronto, Ontario
M4V 1L5



Dear Ms. McLennon:

Subject: Municipality of McDougall Landfill Expansion Environmental Assessment

Thank you for your submission of the report "Environmental Assessment for One or More Waste Disposal Solutions for the Municipality of McDougall and Other Area Municipalities", received June 13, 2005.

It is my understanding that this proposal consists of the expansion of the waste disposal capacity of the existing McDougall Landfill site by extending the existing fill area by an area of approximately 3.7 hectares. This work will not require the expansion of the current, approved boundaries of the landfill site.

Fisheries and Oceans Canada is responsible for the administration of the habitat protection provisions of the *Fisheries Act*. The submitted report indicates that there are no surface waterbodies on site and the landfill is surrounded by a perimeter ditch that collects surface water and conveys it to a stormwater management pond. As long as the mitigation measures suggested in the document are implemented as described Fisheries and Oceans Canada has no comment on the proposed project.

If you have any questions concerning the above, or if my understanding of the proposal is either incorrect, incomplete, or if there are changes to the proposed work, please contact myself directly by telephone at (705) 746-2196, by fax at (705) 746-4820, or by e-mail at robergemd@dfo-mpo.gc.ca.

Yours sincerely,

Michelle Roberge
Fish Habitat Biologist

Canada

McLennon, Catherine (ENE)

From: Hugh.Bremner@pc.gc.ca
Sent: July 19, 2005 8:10 AM
To: McLennon, Catherine (ENE)
Subject: McDougall Landfill

We are in receipt of the documentation concerning this project and have no comments.

Hugh Bremner
Manager, Resource Conservation
Georgian Bay Islands National Park of Canada
Box 9, Midland, Ontario L4R 4K6
Telephone 705-526-9804 ext 226
FAX 705-526-5939

ACKNOWLEDGEMENT OF RECEIPT

For the Municipality of McDougall Landfill Expansion Environmental Assessment

UPON RECEIPT, PLEASE COMPLETE
BOXES/BLANK LINES AND RETURN BY FAX
TO:

Date Received
RECEIVED
JUN 27 2005

Ministry of the Environment
Environmental Assessment & Approvals
Branch

Attn: Catherine McLennon
Special Projects Officer (A)

FAX: (416) 314-8452

2 St. Clair Avenue West, Floor 12A
Toronto, Ontario

M4V 1L5

TEL.: (416) 314-7222

catherine.mclennon@ene.gov.on.ca

Proponent: The Municipality of McDougall

Undertaking: Municipality of McDougall Landfill Expansion

Agency: North Bay Parry Sound District Health Unit

Reviewer: Peter Jehel

Tel. No.: 705-474-1400

FAX No.: 705-474-8252

Please check the appropriate box:

☐ We will be able to provide comments to the Environmental Assessment & Approvals Branch
by: **August 5, 2005**
(Comments received after this date may not be considered in the approval process)

☒ We have no comments.


Signature