

# Municipal Enterprises Limited

## Hants County Aggregates Project

### Project Information Sheet

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#### Project Overview

Municipal Enterprises Limited is proposing to combine the operations of the Hants County Aggregates Quarry in Panuke, Hants County, Nova Scotia, with the existing Panuke Quarry (refer to Figure 1). The current operation at Hants County Aggregates is approximately 4 hectares in area. The proposed extension of the existing Hants County Aggregates Quarry will incorporate land north, south and southwest of the existing quarry to increase the total size of the operation to approximately 13.9 hectares. Blasting, crushing and stockpiling of aggregate currently takes place at the Hants County Aggregate site and this is not expected to change. The quarried material at this site is primarily used for Nova Scotia Transportation and Infrastructure Renewal (NSTIR) projects, but after amalgamation with Panuke Quarry the intent is that the Hants County Aggregates site will be used for both NSTIR contracts and general contracts. The existing Panuke quarry is approximately 4 hectares in area and has an approval extension area of 6 ha. It is primarily used as a source of aggregate in the making of asphalt. The proposed activities will take place over a period of time until the material is exhausted. Based on current estimates there are over 1 million tonnes of rock reserves on both properties.

Proposed project activities will be consistent with current quarry operations. Aggregate production includes drilling and blasting, which is conducted by a licensed blasting contractor. Blasting takes place approximately one to three times per year. After blasting, portable crushing equipment is brought to the site to process the blasted rock. Various products (*i.e.*, various aggregate sizes) are stockpiled at the quarry site until they are transported to local markets via tandem trucks or tractor trailer trucks via the existing truck route. The estimated truck traffic will be consistent with current truck volume at the existing quarry.

The anticipated average production rate is approximately 60,000 to 100,000 tonnes per year; with the possibility of a higher production rate for limited periods of time should a significant contract be awarded. Weather permitting, the quarry will be open nine months of the year, however the portable crushing equipment is only on site two to three times a year for duration of ten days to two week. This proposed schedule is consistent with the current operating schedule.

#### Environmental Assessment Process

Municipal Enterprises Limited is required to register this project as a Class I Undertaking pursuant to the Nova Scotia *Environment Act* and *Environmental Assessment Regulations*. The environmental assessment registration is currently being prepared by environmental consultants Stantec Consulting Ltd., on behalf of Municipal Enterprises Limited, to fulfill these regulatory

requirements. Other relevant provincial regulations include *the Activities Designation Regulations*, which require an Industrial Approval from Nova Scotia Environment for the quarry operation, and the *General Blasting Regulations* made pursuant to the Nova Scotia *Occupational Health and Safety Act* (1996). Provincial guidelines to be adhered to include the Nova Scotia *Pit and Quarry Guidelines* (NSE 1999).

The environmental assessment registration will evaluate potential environmental effects of the project and identify appropriate mitigation and monitoring to minimize these effects. The environmental assessment registration document will be available for public review and comment once it is filed with NSE.

#### Environmental Document Components

The environmental registration document focuses on those aspects of the environment that are considered to be of most concern. Components to be evaluated include:

- Rare and sensitive flora;
- Wildlife;
- Surface water resources
- Groundwater resources;
- Wetlands;
- Archaeological and heritage resources;
- Atmospheric environment (includes dust and noise); and
- Socio-economic environment.

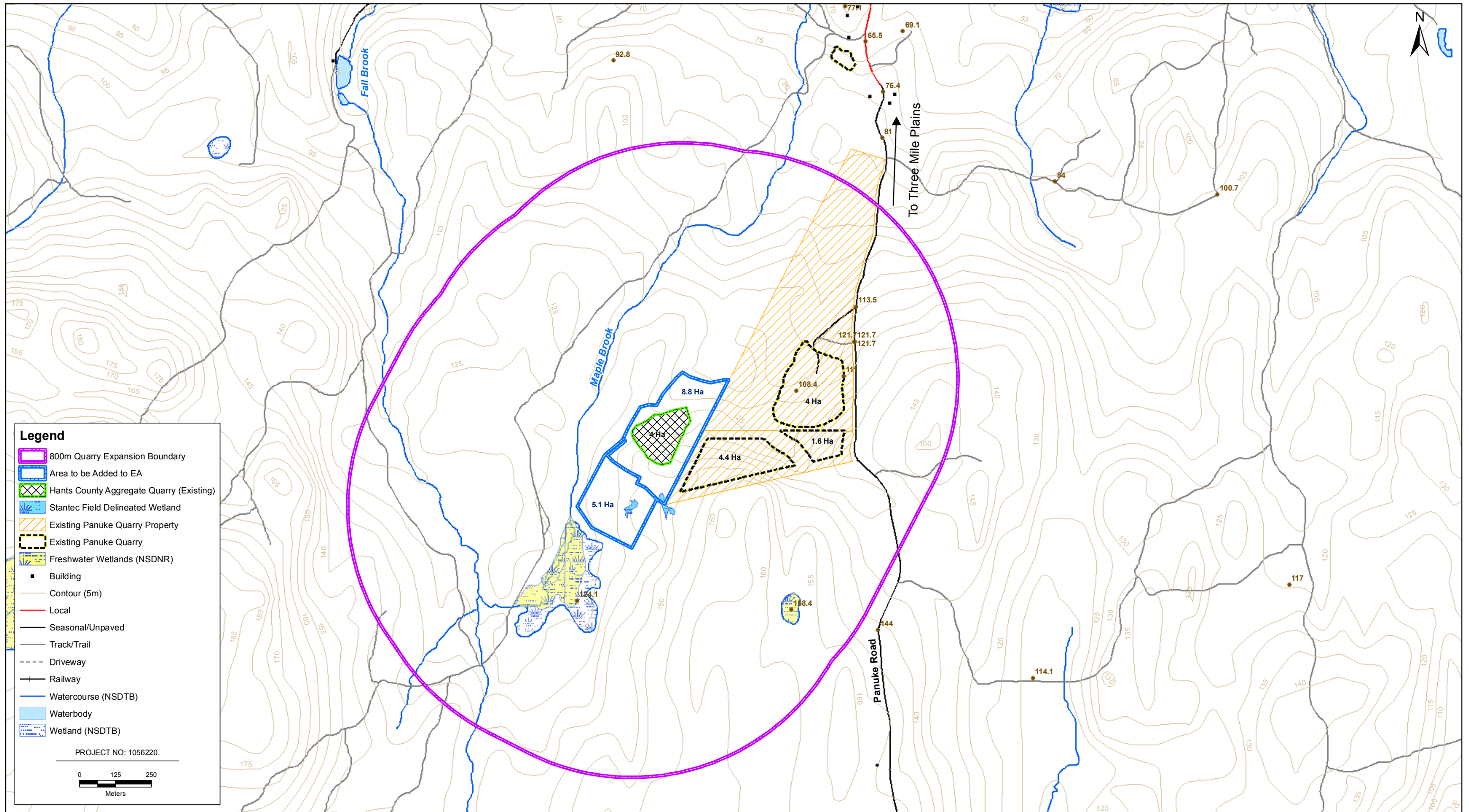
Potential effects of quarry activities on these components will be addressed in the registration document. To date, no sensitive features have been identified onsite; however, field investigations are ongoing. Assuming the implementation of standard mitigative measures and government guidelines and approvals, no significant adverse environmental or socio-economic effects are considered likely.

#### Contacts

If you have any questions or concerns about this project please contact:

Mr. Danny Clifton  
Municipal Enterprises Limited  
P.O. Box 48100 RPO Mill Cove, Bedford, NS B3A 3Z2  
Tel: (902) 456-4582 / E-mail: dclifton@dexter.ca


Gillian Asche, Project Scientist  
Stantec Consulting Ltd  
3 Spectacle Lake Drive, Dartmouth, NS B3B 1W8  
Tel: (902) 468-7777  
E-mail: gillian.asche@Stantec.com



DATE:	29/01/2010
PREPARED BY:	G. MESHEAU
MUNICIPAL ENTERPRISES LIMITED	

Environmental Assessment of Hants County Aggregate Extension Project

**PROJECT LOCATION**

FIGURE NO.:	<b>Figure 1</b>
	



**Stantec**

**Stantec Consulting Ltd.**  
3 Spectacle Lake Drive  
Dartmouth NS B3B 1W8  
Tel: (902) 468-7777  
Fax: (902) 468-9009

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February 11, 2010  
File: 121510261

Native Council  
324 Abenaki Road  
PO Box 1320  
Truro, NS B2N 5N2

**Attention: Mrs. Grace Conrad**

Dear Mrs. Conrad:

**Reference: Municipal Enterprises Limited Quarry Extension Project**

This letter is to inform you of a proposed Project near the community of Panuke, Hants County, Nova Scotia.

The Project consists of combining two existing quarries along Panuke Road in Panuke, Hants County, NS. The developer, Municipal Enterprises Limited, is proposing to combine the Hants County Aggregates Quarry with the existing Panuke Quarry. Municipal Enterprises Limited is currently preparing the documentation required to register this Project under the Environmental Assessment Regulations pursuant to the Nova Scotia *Environment Act*.

Please find enclosed the Project Information Sheet and the corresponding Figure, which provide more details regarding the Project and the site location.

Please contact the undersigned or the contacts listed on the Project Information Sheet with any comments, concerns or questions you may have regarding the project.

Sincerely,

**STANTEC CONSULTING LTD.**

Robert Federico  
Senior Project Manager  
(902) 468-7777  
robert.federico@stantec.com

Cc. Gillian Asche, SCL

Attachment



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3 Spectacle Lake Drive  
Dartmouth NS B3B 1W8  
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Fax: (902) 468-9009

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Mi'kmaq Rights Initiative  
Kwikmug Maw-Klusuag  
851 Willow Street  
Truro, NS B2N 6N8

**Attention: Ms. Janice Maloney**

Dear Ms. Maloney:

**Reference: Municipal Enterprises Limited Quarry Extension Project**

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Confederacy of Mainland Mi'kmaq  
57 Martin Crescent  
P.O. Box 1590  
Truro, NS, B2N 5V3

**Attention: Mr. Donald M. Julien**

Dear Mr. Julien:

**Reference: Municipal Enterprises Limited Quarry Extension Project**

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Union of Nova Scotia Indians  
47 Maillard Street  
Membertou, NS B1S 2P5

**Attention: Mr. Joe B. Marshall**

Dear Mr. Marshall:

**Reference: Municipal Enterprises Limited Quarry Extension Project**

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