



Ontario

Ministry of the Environment

IVED

OCT 4 2006

Application for Permit to Take Water

Ce formulaire est disponible en français

For Office Use Only

Reference Number

44455-649MKC

Payment Received

\$ 3000

Date (y/m/d)

26/10/06

Initials

BR

MINISTRY OF THE ENVIRONMENT
ENVIRONMENTAL ASSESSMENT & APPROVALS BRANCH

General Information and Instructions

General:

Information requested in this form is collected under the authority of the *Ontario Water Resources Act*, R.S.O. 1990 (OWRA) and the *Environmental Bill of Rights*, C. 28, Statutes of Ontario, 1993, (EBR) and will be used to evaluate applications for a Permit to Take Water as required by Section 34 (OWRA).

Instructions:

1. Applicants are responsible for ensuring that they complete the most recent application form. When completing this form, please refer to the "Guide to Permit to Take Water Application Form" (referred to as the Guide). Application forms and supporting documentation are available from your local Regional or District Office of the Ministry of the Environment, and in the "Publications" section of the Ministry of the Environment website at <http://www.ene.gov.on.ca/envision/gp/index.htm>.
2. Questions regarding completion and submission of this application should be directed to local Regional Office of the Ministry of the Environment. Contact information for these offices is available in the Guide or on the Ministry of the Environment website at <http://www.ene.gov.on.ca/envision/org/op.htm>
3. This form must be completed with respect to all the requirements of the Guide for it to be considered an application for approval. **Incomplete applications will be returned to the applicant.**
4. A complete application consists of:
 - (1) a completed, signed application form
 - (2) all required supporting information identified in this form and the Guide, and
 - (3) a certified cheque or money order, in Canadian funds, made payable to the **Ontario Minister of Finance** for the application fee when required. Payment may also be made by Visa, MasterCard or American Express.

The Ministry may require additional information during the technical review of any application initially accepted as complete.

5. The original application, along with supporting information and the application fee should be sent to:

Ministry of the Environment,
Attention: Permit to Take Water
Director, Environmental Assessment and Approvals Branch,
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario, M4V 1L5

6. Information contained in this application form is not considered confidential and will be made available to the public upon request. Information submitted as supporting information may be claimed as confidential but will be subject to the *Freedom of Information and Protection of Privacy Act* (FOIPPA) and the *EBR*. If you do not claim confidentiality at the time of submitting the information, the Ministry of the Environment may make the information available to the public without further notice to you. If you are identifying confidential material, please indicate why you believe the information is confidential.

1. Permit Administration

Please indicate if this is an application for a:

- ☒ New Permit
☐ Amendment to Permit (attach a photocopy of permit)
☐ Renewal of Permit (attach a photocopy of permit)

2. Classification

Classification

- ☐ Category 1
☐ Category 2
☒ Category 3

Fee Required

- ☐ \$750
☐ \$750
☒ \$3,000

No Fee Required

- ☐ Reason _____
☐ Reason _____
☐ Reason _____

3. Applicant Information

Applicant Name (legal name of individual or organization as evidenced by legal documents such as a copy of Driver's Licence or Master Business Licence)		Business Identification Number					
St. Marys Cement Inc. (Canada)		885656942					
Business Name (the name under which the entity is operating or trading if different from the Applicant Name - also referred to as trade name)							
Applicant Type:		North American Industry Classification System (NAICS) Code					
<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Federal Government	2	1	2	3	2	3
<input type="checkbox"/> Individual	<input type="checkbox"/> Municipal Government						
<input type="checkbox"/> Partnership	<input type="checkbox"/> Provincial Government						
<input type="checkbox"/> Sole Proprietor	<input type="checkbox"/> Other (describe):						

4. Applicant Physical Address

Civic Address - Street information (street number/name/type/direction/unit/suite/emergency 911 location number and street)				
55 Industrial Street				
Municipality/Unorganized Township	County/District	Province/State	Country	Postal Code
Toronto	X	Ontario	Canada	M4G 3W9
Telephone Number (including area code)		Fax Number (including area code)		E-mail Address
(519) 823-4450		(519) 823-0154		bemarquardt@vcsmc.com

5. Applicant Mailing Address

Same as Applicant Physical Address? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, complete below			
Civic Address - Street information (street number/name/type/direction/unit/suite/emergency 911 location number and street/P.O.Box/Rural Route Number)			
X			
Municipality	Province/State	Country	Postal Code
X	X	X	X

6. Project Technical Information Contact

Same as Applicant? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, complete below				
Name		Company		
Gunther H. Funk, P.Geo.		Gartner Lee Limited		
Address Information:				
Same as Applicant Mailing Address? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, please provide technical information contact mailing address below				
Civic Address - Street information (street number/name/type/direction/unit/suite/emergency 911 location number and street/P.O.Box/Rural Route Number)				
20 Corporate Park Drive				
Municipality	Province/State	Country	Postal Code	
St. Catharines	Ontario	Canada	L2S 3W2	
Telephone Number (including area code & extension)		Fax Number (including area code)		E-mail Address
(905) 688-5460 ext 5322		(905) 688-1219		gfunk@gartnerlee.com

7. Source Information – Note: Source Information must be provided separately for each source. Please complete and submit multiple copies of this Source Information section (pages 3 and 4 of this form) if your application includes more than one source.

Number of Water Taking Sources Included in this Application (do not include domestic uses that do not require a permit)			
Total Number of Wells Three (3)	Total Number of Lake Intakes	Total Number of Ponds	Total Number of Watercourse Intakes
Source Location Information (if multiple sources are included in application, provide information for each source)			
Civic Address - Street information (street number/name/type/direction/unit/suite/emergency 911 location number and street) 11th Concession Road East and Milborough Line, City of Hamilton			
Lot Part Lot 1, Lot 2 & 3	Concession Concession 11	Part X	Reference Plan X
Municipality/Unorganised Township City of Hamilton	County/District X	Original Geographic Township Flamborough	
Geographic (GPS) Coordinates (to be provided in Datum NAD83)			
Method of Collection surveying	Accuracy Estimate	UTM Zone NAD83	Easting 580712 Northing 4809468
Is the Applicant the owner of the site where water taking will occur? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, attach the owner's name, address and a signed letter granting consent for the applicant to access the water taking location			
Is the site where water taking will occur located in an area of development control as defined by the Niagara Escarpment Planning & Development Act? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Is the site where water taking will occur located on the Oak Ridges Moraine Conservation Area as defined by the Oak Ridges Moraine Conservation Plan (a regulation made under the Oak Ridges Moraine Conservation Act)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Are you aware of any complaints or impacts resulting from water takings at the site? <input type="checkbox"/> Yes If yes, please describe: _____ <input checked="" type="checkbox"/> No			
Will water from the site be packaged in a container (bottled water, tanks)? <input type="checkbox"/> Yes If yes, what size of containers? <input type="checkbox"/> greater than 20 litres <input type="checkbox"/> 20 litres or less <input checked="" type="checkbox"/> No			
Are wells located within 500 m of the site where water taking will occur? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, what is the distance to the nearest well? Approximately 700 m			
Is municipal water available to all dwellings within 500m of the site where water taking will occur? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
Estimated start date of water taking November 1, 2006		Water taking to extend for a period of: 5 <input type="checkbox"/> days <input checked="" type="checkbox"/> weeks <input type="checkbox"/> months <input type="checkbox"/> years <input type="checkbox"/> Indefinite	
Is activity subject to the Environmental Assessment Act? <input type="checkbox"/> Yes If yes, please attach approval or Notice of Completion <input checked="" type="checkbox"/> No			
If yes, did the project receive any Part II Orders / Bump-Up requests? <input type="checkbox"/> Yes If yes, what was the date of the Minister's Decision? _____ <input type="checkbox"/> Decision pending <input type="checkbox"/> No			
List any public consultation/notification that has occurred related to the proposed water taking (i.e., public hearings, notification of First Nations, etc.) A letter (attached) outlining the testing is to be prepared and hand delivered to all property owners within 1 km of the test location.			

☒ **Watercourse** - please complete this table if applying to take water from a watercourse (i.e., stream, municipal ditch, open drain, etc.)

Watercourse Name Mountsberg Creek	Tributary to Upper Bronte Creek
Does flow in the watercourse stop at any time during the year? <input type="checkbox"/> Yes If yes, during which months? _____ For what period of time? _____ <input checked="" type="checkbox"/> No	
Do you move/relocate the water intake (pump)? <input type="checkbox"/> Yes If yes, please provide primary and secondary locations on attached map <input checked="" type="checkbox"/> No	


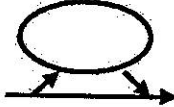
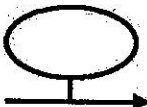

☒ **Well - please complete this table if applying to take water from a well (includes sumps for mines and quarries)**

Well Name / Identifier TW14/TW15/TW16	Water Well Record Number Wells to be	If not available, provide name of property owner at time of well construction St. Marys Cement Inc. (Canada)
Has the well been deepened? <input type="checkbox"/> Yes If yes, what was the date of deepening? _____ <input checked="" type="checkbox"/> No		
Type of Well: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Bored <input type="checkbox"/> Dug <input type="checkbox"/> Driven or Jetted (sandpoints/wellpoints) If 'Driven or Jetted', provide the following: Total number of sandpoints/wellpoints: _____ Number of interconnected sandpoint/wellpoint systems: _____		
Can you measure the depth to water in this well? <input type="checkbox"/> Yes If yes, what is the depth to static water level? Estimated 5 m Date Measured: Wells to be <input checked="" type="checkbox"/> No installed		
Has a pumping test been done? <input type="checkbox"/> Yes If yes, please attach report <input checked="" type="checkbox"/> No		

☐ **Lake - please complete this table if applying to take water from a lake**

Lake Name

☐ **Pond/Reservoir - please complete this table if applying to take water from a pond/reservoir**

Pond Name / Identifier				
Was the pond constructed (man made)? <input type="checkbox"/> Yes If yes, please provide date of construction _____ <input type="checkbox"/> No				
Pond Size				
Average Length	Average Width	Average Depth of Water	Maximum Depth of Water	Approximate Volume of Pond
Pond Type				
Select the diagram that most accurately resembles your pond:				
 <input type="checkbox"/> online	 <input type="checkbox"/> by-pass	 <input type="checkbox"/> connected	 <input type="checkbox"/> dugout	
Source of pond water (select all that apply)				
<input type="checkbox"/> Seepage / springs / groundwater				
<input type="checkbox"/> Surface water runoff (including tile drains, does not include watercourse or open channel)				
<input type="checkbox"/> Pumped water (if water is pumped into a pond, complete section information for source from which water is pumped - i.e., well, lake or watercourse)				
<input type="checkbox"/> Flowing water (watercourse, open drains, ditches, etc.)				
If "flowing water",				
1. Does water flow into the pond (inflow)?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
If yes, is there a structure to regulate the inflow?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	If yes, describe: _____
2. Does water flow out of the pond (outflow)?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
If yes, is there a control structure to regulate the outflow?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	If yes, describe: _____

8. Public Consultation / Environmental Bill of Rights (EBR) Requirements

Is this application for water taking to extend for a period of less than one year?

☐ No

If no, this application may be subject to posting and/or public consultation requirements under the Environmental Bill of Rights. For more information, please refer to the Guide.

Is this application for agricultural use or aquaculture?

☒ No

If no, this application may be subject to posting and/or public consultation requirements under the Environmental Bill of Rights. For more information, please refer to the Guide.

9. Water Taking Volumes

Purpose Options for Water Taking	
	Purpose
Agriculture	irrigation of (includes frost protection): field and pasture crops; fruit orchard; market garden/flowers; nursery; sod farm; tender fruits; tobacco, other (must specify)
Commercial	aquaculture, bottled water, golf course irrigation, mail/business; snowmaking, other (must specify)
Dewatering	pits and quarries; construction; other (must specify)
Industrial	aggregate washing, brewing/soft drinks, cooling water, food processing, manufacturing; pipeline testing; power generation; other (must specify)
Institutional	school, hospital, other (must specify)
Recreation	aesthetic, fish pond, wetland, other (must specify)
Remediation	groundwater, other (must specify)
Water Supply	campground, communal, municipal, other (must specify)
Miscellaneous	dam/reservoir, heat pump, wildlife conservation, pumping test, other (must specify)

Water Source Information – Table A (Units in Litres)

[illegible]

10. Attachments

The following must be attached for all applications (Category 1, 2 and 3) to be complete:

- ☒ **Map Requirements**
On a 1:10 000 OBM (Ontario Base Map) (1:50 000 only acceptable in locations where 1:10 000 is not obtainable), mark and label:
 - all existing and proposed water taking locations with sources corresponding with source name
 - all of the following features within 500m of each source: existing wells (indicate use of existing well, springs, watercourses, wetlands, water bodies, property lines, locations and name of property owners, nearest road intersection, dwellings).
- ☒ **Describe in detail how, where and when all water is obtained, stored, transferred, used and returned to the environment (if applicable). Details must include the source of all water takings (and corresponding source name if applicable), purpose of the water taking, period of water taking, and maximum quantity requested (see Guide for further instruction).**
Note: If your application is subject to posting on the Environmental Bill of Rights (EBR) Registry, this description will be used to create the Proposal Notice. The ministry may change the wording as required, to meet the EBR posting requirements.
- ☒ **Describe how water taking needs (rates, amounts and time periods) were determined. Provide all relevant information and calculations to demonstrate the water takings requested are warranted. Calculation worksheets are available. Refer to Appendix E of the Guide.**
- ☒ **Attach completed water conservation Schedule 1.**

The following must be attached for all Category 2 applications:

- ☐ **Completed Schedule 2 and/or Schedule 3 signed by a Qualified Person.**

The following must be attached for all Category 3 applications:

- ☒ **Study Draft Hydrogeological Level 2 Report (2005) that documents pervious work.**

11. Statement/Signature of Applicant

I, the undersigned, hereby declare that to the best of my knowledge:

- The information contained herein and the information submitted in support of this application is complete and accurate in every way and I am aware of the penalties against providing false information.
- The Project Technical Information Contact identified in Section 6 if this form is authorized to act on my behalf for the purpose of obtaining this approval.

Print Name

Gunther H. Funk, P.Geo.

Signature



Date (yyyy/mm/dd)

2006/09/28



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	\$		

12. Payment Information

Application Category		Amount Enclosed	
<input type="checkbox"/> Category 1 (\$750)	<input type="checkbox"/> Category 2 (\$750)	<input checked="" type="checkbox"/> Category 3 (\$3000)	\$ 3,000.00
Method of Payment		<input type="checkbox"/> no fee required	
<input checked="" type="checkbox"/> Certified Cheque <input type="checkbox"/> Money Order <input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express			
Credit Card Information (if paying by VISA, MasterCard or American Express)*			
Name on Card (please print)	Credit Card Number	Expiry Date (yy/mm)	
X	X	X	
Cardholder Signature	Date (y/m/d)		
	X		

*NOTE: credit card accepted for payments UNDER \$10,000.00 only.