

Application to Register a Disposal Field Onsite Wastewater Management System
Onsite Wastewater Management Systems Regulation (MR 83/2003)
Flows less than 2,200 gallons per day - This form is in imperial units

Section 1: General Information

1(A) Property Owner and Property Information				
First name		Last name		
Company/organization				
Legal description (section, township, range/lot, block, plan/river lot)			Municipality	
Civic address		City/town	Province	Postal code
Mailing address (if different than above)				
Home/business	Cell	Email		
Lot size (acres):		Lot dimensions (ft):		
Are there any restrictive covenants/easements registered on the land title that will impact the location of the onsite wastewater management system? Yes No If yes, describe below (e.g., hydro right of way) and attach a copy of the document(s):				
This onsite wastewater management system will be installed by: Certified Installer Property owner				
1(B) Certified Installer Information				
First name		Last name		
Company name (if applicable)		Installer certificate no.	Certificate expiry date	
Mailing address				
Home/business	Cell	Email		
1(C) Type of Registration				
New construction	Modification	Replacement	Expansion	For modification, replacement or expansion,
please briefly describe the proposed work: _____				

This application is valid for a period of one year from the date that "Authorization to Proceed" is granted. If the information submitted is incomplete or incorrect, or if the supporting documentation and/or the site plan are of poor quality, the application may be delayed, returned or rejected.

Personal information is collected under the authority of The Environment Act and the Onsite Wastewater Management Systems Regulation (MR 83/2003) and will be used only for administration and enforcement purposes. Information collected is protected by the privacy provisions of the Freedom of Information and Protection of Privacy Act.

Section 2: Building/Facility Information

2(A) Type of Building/Facility			
Single family residence	Multiple family residence	Number of units: _____	Seasonal cottage
Total number of bedrooms: _____		Will/does the building have a basement?	Yes No
Note: Total number of bedrooms includes bedrooms that will be added in the future.			
Commercial/Industrial/Institutional	Please describe (e.g., restaurant): _____		
Number of customers/seats/beds/units: _____			
Recreational	Please describe (e.g., campground, lodge) : _____		
No. of campsites/RV sites:	Seasonal	Year-round	
Work camp	No. of employees: _____	Duration of operation (months/years): _____	
2(B) Source of Drinking Water Supply			
Drilled well	Is the well cased to a minimum depth of 20 feet? Yes No		
Dug well	Municipal water supply	Cistern	Surface water body

Section 3: Soil and Site Conditions

Site Evaluation Information		** Please attach the lab report for soil particle size analysis.	
Number of soil test pits or auger boreholes: _____		Depth of test hole(s) (ft): _____	
Soil texture classification (e.g., sandy loam): _____		Slope in disposal field area (%): _____	
Depth from ground surface to: Restrictive layer (e.g., > 60% clay or cemented layer) (ft): _____			
Bedrock (ft) Normal high water table (ft): _____			
Has fill material been placed in the location of the proposed disposal field?: Yes No			
If yes, what is the depth of fill material (ft): _____		Type of fill material (e.g., sand, clay): _____	
Note: Fill material in this section refers to soil that has been placed on the property to improve drainage and/or to raise ground elevation for flood protection.			

Section 4: Onsite Wastewater Management System Specifications

4(A) Type of Onsite Wastewater Management System		
Septic tank/disposal field	Secondary treatment system	Greywater management system
4(B) Estimated Daily Sewage Flow		
Estimated daily sewage flow (gallons per day): _____		** See tables in Supplementary Information.
** If flow monitoring data is being used to determine the estimated daily sewage flow, please attach flow monitoring data.		

4(C) Septic/Pump Tank Details (See Sections 1(1), 1(2) and 1(3) in Schedule A in MR 83/2003)			
Septic tank	Tank construction material:	Concrete	Fiberglass Polyethylene
1 st compartment (gallons):	_____	2 nd compartment (gallons):	_____
Is the tank CSA B66 certified?	Yes No	Make and model no.:	
GPS location of proposed septic tank (if available)		Latitude:	Longitude:
Greywater management system (if applicable) In addition to the septic tank information provided for managing greywater, please complete the holding tank information below for managing toilet waste:			
Holding tank	Volume (gallons):	Concrete	Fiberglass Polyethylene
Is the tank CSA B66 certified?	Yes No	Make and model no.:	
Are low-flow water closets (less than one gallon per flush) to be used to service the building? Yes No			
** The building perimeter drain (weeping tile) and sump pump are <u>not</u> to be connected to any component of the Onsite Wastewater Management System.			
4(D) Disposal Field System Details (See Schedule A in MR 83/2003 and Supplementary Information)			
Soil application rate (from soil texture classification):		(gallons/ft ² /day)	
GPS location of proposed disposal field (if available)		Latitude:	Longitude:
<i>Please complete Section (1), (2) or (3) below:</i>			
(1) Trenches: Traditional subsurface trenches Modified trenches (e.g., shallow placement, sand-lined trenches)			
Graded stone trenches	Trench depth (ft):	Trench width (ft):	Number of trenches:
	_____	_____	_____
Trench spacing (measured from trench sidewalls) (ft):		Total length of distribution pipe (ft):	
_____		_____	
Pipe diameter (in):	Stone depth below distribution pipes (in):	Stone depth above distribution pipes (in):	
_____	_____	_____	
Effluent chamber trenches	Make and model no. _____		
Chamber width (in):	Trench depth (ft):	Total length of effluent chambers (ft):	
_____	_____	_____	
Number of trenches:	Trench spacing (measured from trench sidewalls) (ft):		
_____	_____		
Will the trenches be lined with sand fill? Yes No Type of sand fill: ASTM C33 sand loamy sand			
Depth of sand fill below graded stone/chambers (in):		** Please attach ASTM C33 Sand Analysis Report.	
_____		_____	
(2) Total Area Fields (TAF)		Field area (ft ²)	Volume of stone (yd ³)
Subsurface TAF		_____	_____
Modified TAF		_____	_____
Above ground TAF		_____	_____
Bottom dimensions of TAF (length and width or diameter) (ft):			
Total length of distribution pipe (ft):		Number of distribution pipes:	Pipe diameter (in):
_____		_____	_____
Depth of stone below distribution pipes (in):		Depth of stone above distribution pipes (in):	
_____		_____	
For modified and above ground TAF:		** Please attach ASTM C33 Sand Analysis Report.	
Depth of ASTM C33 sand below graded stone (in):		Volume of ASTM C33 sand (yd ³):	
_____		_____	

(3) Sand Treatment Mounds**Sand mound infiltration system:** (select graded stone or effluent chambers)

Graded stone	Effluent chambers	Chamber width (in): _____
Stone depth of below distribution pipes (in): _____	Total length of effluent chambers (ft): _____	
Stone depth above distribution pipes (in): _____	Make and model no. : _____	

Sand fill specifications: Depth of ASTM C33 sand below graded stone/chambers (in): _____

Depth of loamy sand fill (if applicable): _____ (in) Total depth of sand layer (ASTM C33 + loamy sand): _____ (in)

**** Please attach the Sand Mound Design Worksheet, ASTM C33 Sand Analysis Report and complete the pressure distribution system information in Section 4(E).****4(E) Disposal Field Distribution System Details**

Wastewater effluent will be delivered to the disposal field by: Gravity Pump

Wastewater effluent will be distributed by: Distribution box Header pipe or Pressure distribution system

For Pressure Distribution Systems, please complete the information below:

Number of laterals: _____ Length of each lateral (ft): _____ Lateral spacing (ft): _____

Lateral diameter (in): _____ Discharge hole diameter (in): _____ Discharge hole spacing (ft): _____

Residual pressure head (squirt height) (ft): _____ Type of manifold: Central End

Manifold diameter (in): _____

4(F) Vertical Separation Distance (To be completed for all disposal field systems)

The vertical distance measured from the bottom of the graded stone/chambers to a restrictive layer, bedrock, or normal high water table will be (ft): _____

4(G) Secondary Treatment System Details

System type: Aerobic treatment unit Biofiltration system Combined treatment/dispersal system

Make and model no.: _____ Treatment capacity (gal/day): _____

**** Please attach the Homeowner Service Agreement and design worksheets (if applicable).****Section 5: Setback Distances**

Horizontal Set-Back Distances (in feet) (See Sections 1(1)(e) and 2(2)(c) in Schedule A in MR 83/2003)		
Setback feature	Distance from septic/holding tank or secondary treatment unit to:	Distance from disposal field to:
Nearest property boundary		
Residence/building with or without basement		
Nearest well or cistern		
Watercourse, excluding a ditch		
Cut/embankment		
Swimming pool		
Water service pipe	N/A	

Section 6: Registration Fees and Supporting Documentation

6(A) Registration Fees	
Septic tank/disposal field (B-20-2) \$100.00 + \$5.00 = \$105.00	** Fees include registration fee + 5% GST GST registration no. R107863847. Make cheque payable to "Minister of Finance"
Secondary treatment system (B-20-5) \$250.00 + \$12.50 = \$262.50	
Holding tank & greywater disposal field (B-20-6) \$100 + \$5 = \$105	
6(B) Supporting Documentation – Please attach all applicable documentation	
Property information: Covenant/easement Note: Submission of a land title search and/or legal survey plan may be requested.	
Disposal Field Information: Soil Particle Size Lab Analysis Report Sand Mound Design Worksheet ASTM C33 Sand Analysis Report	
Secondary Treatment System Information: Treatment/Disposal System Design worksheets Homeowner service contract agreement	
Estimated Daily Sewage Flow Information: Water use and/or sewage flow monitoring data	

Section 7: Applicant Declaration

Property owner's signature (required)	Date:
Authorized representative: If you are a Certified Installer or other authorized person acting on behalf of the property owner, you must sign below to certify that you are acting with the property owner's full consent:	
Signature: _____	Date:
Full name (please print clearly):	
I hereby certify that the information contained in this application is correct and that the onsite wastewater management system will be installed in accordance with the Onsite Wastewater Management Systems Regulation (MR 83/2003), Supplementary Information (2010), and the attached documents. I acknowledge that the installation cannot proceed until I have received "Authorization to Proceed" from an environment officer.	

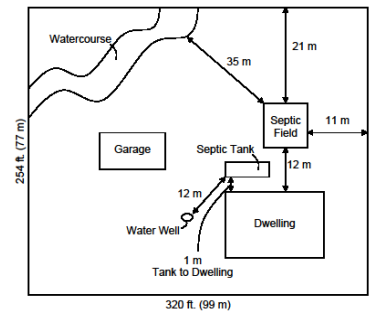
Environment Officer Authorization	
Registration reviewed and authorized to proceed by:	Date:
EO number:	
System inspected by:	Date:
Authorized to cover by:	Date:

For Internal Office Use Only	
Property is located in Nutrient Management Zone N4: <input type="checkbox"/> Yes <input type="checkbox"/> No	PAID:
Property is located in the Red River Designated Area: <input type="checkbox"/> Yes <input type="checkbox"/> No	Date:
Property is located in: Provincial park <input type="checkbox"/> Crown land <input type="checkbox"/> sensitive area <input type="checkbox"/>	Amount:
Variance requested: Yes <input type="checkbox"/> No <input type="checkbox"/>	Rec'd by:
Date variance approved:	MRO #:
Is the property serviceable by a municipal wastewater collection system? Yes <input type="checkbox"/> No <input type="checkbox"/>	
GPS info	Septic tank/secondary treatment system: Disposal field: Lat: Long: Lat: Long:
Civil Address / Legal Description:	

Site Plan Diagram

The site plan must include the following information:

1. Property dimensions and boundaries, ground slope (%), driveway location
2. Location and layout of the onsite wastewater management system (e.g., septic/holding tank, secondary treatment unit, disposal field) and setback distances to the following:
 - Nearest property boundary • Nearest well or cistern • Watercourses
 - Residence/buildings • Water service pipes • Cuts/embankments • Swimming pool

A blank grid map with a compass rose in the top right corner. The grid is 20 units wide and 20 units high. The compass rose is located in the top right corner, with the letter 'N' above it, indicating North. The grid lines are thin and black, and the background is white.