



ACCESS TO EARTH

CONFIRMATION OF REQUEST FOR EARTH

APPLICANT NAME			
MAILING ADDRESS			
TELEPHONE CONTACT			
Which earth depot(s) you will be accessing?	Section 1		Section 2
Amount of Earth required in cubic metres?			
Will you be accessing earth yourself or using a contractor?	<i>Self</i>		<i>Contractor</i>
If you indicated Yourself:			
• What type of vehicle will you be using for hauling?			
• Do you plan to use MFA's loader at the depot? <i>(Available to assist pick-up trucks and small trailers, etc. on Fridays, Saturdays and Sundays)</i>	<i>Yes</i>		<i>No</i>
• If no, what type of loader will you be using?			
If you indicated Contractor:			
• What is the name of the contractor?			
• What type of loader will they be using?			
• What type of vehicle will they be used for hauling?			
How many trips (loads) will be needed to transport the earth?			
What date/dates do you or the contractor plan to access earth? <i>(Please remember access will be in order of arrival)</i>			
<i>Contact the Manitoba Floodway Authority, if you have any questions.</i>			

Do you wish to be included in any future Depot mail-outs?	<i>Yes</i>		<i>No</i>
If Yes, which future information mail-outs:	Section 1 Depots		
	Section 2 Depots		
	Section 3 Depots		
	All Depots		

Persons who received a pass last year are required to reapply again this year.

Please remember to read the Terms and Conditions and sign the Waiver on the other side.

OVER

TERMS AND CONDITIONS

- The Site Manager, on behalf of the Manitoba Floodway Authority (MFA), has ultimate authority over the depot site at all times.
- The St. Mary's Road depot site will be open from Tuesday, August 7 to Sunday, September 2 from 8:00 am to 6:00 pm.
- The Duff Roblin Park Depot Site will be open from Tuesday, September 4 to Sunday, September 30 from 8:00 am to 6:00 pm.
- Access to the site will be granted on a first come, first served basis, as determined by the Site Manager.
- Applicants and/or their contractors wishing to obtain earth from the depot site will be required to provide a MFA "Earth Access" pass and register with the Site Manager on arrival at the depot site to be granted access. No one is permitted to access earth from the depot site without a pass and without registering with the Site Manager.
- MFA reserves the right to limit the earth to the amount requested in an applicant's expression of interest.
- Applicants and/or their contractors are required to comply with the safety requirements as determined by the MFA while on the depot site.
- No one is permitted to access earth from outside the designated depot site area.
- Site Manager has the authority to ban any applicant and/or their contractor(s) who fails to comply with the terms and conditions for use.
- Applicants and/or their contractors should be aware of, and must comply with, all municipal road restrictions governing the use of roadways for transporting material.

WAIVER AND RELEASE OF LIABILITY

I, _____, hereby acknowledge and agree that:
(Please Print Name)

1. I accept the terms and conditions outlined above.
2. I assume all risks to person and personal property associated with loading and transporting earth from the depot site.
3. I accept the earth on an as-is, where-is condition.
4. The earth has not been tested by the MFA for environmental contaminants or otherwise.
5. The MFA is not certifying the suitability of the earth for any use contemplated by me.

In acknowledging and agreeing to the foregoing, I release and indemnify the Manitoba Floodway Authority from and against any claims or liabilities resulting from my acceptance of and use of the earth.

Date

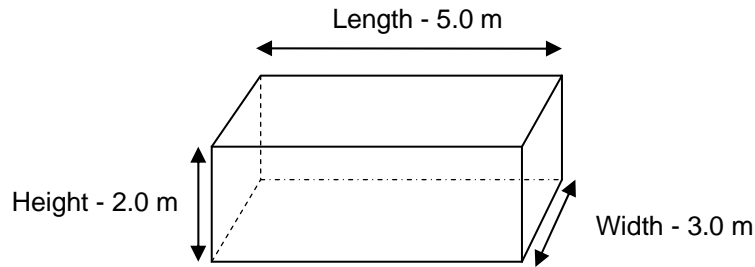
Signature

OVER

Calculating Volume

Volume = Length x Width x Height

Example:



VOLUME = 5.0 m x 3.0 m x 2.0 m = 30.0 cubic meters (m³)
(or ~39 cubic yards)

Calculating Weight

Weight = Volume x Density

Example:

Please note: The average density of the excavated earth from the Floodway is approximately 1,600 kg (3,530 lb) per cubic meter (m³)

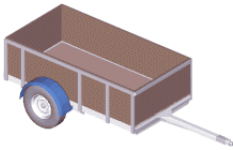
Using the volume example to the left, 30.0 cubic meters (m³) of earth would weigh:

WEIGHT = 30.0 m³ x 1,600 kg/m³ = 48,000 kg
(48 tonnes or 106,000 lb)

Vehicle Hauling Capacity

Utility Box Trailer

Maximum Capacity
~226 kg (500 lbs)



Volume Capacity:
~0.14 cubic meters
(~0.19 cubic yards)
(~5 cubic feet)

½ Ton Truck

Maximum Capacity
~454 kg (1,000 lbs)



Volume Capacity:
~0.28 cubic meters
(~0.37 cubic yards)
(~10 cubic feet)

1 Ton Truck

Maximum Capacity
~907 kg (2,000 lbs)



Volume Capacity:
~0.57 cubic meters
(~0.74 cubic yards)
(~20 cubic feet)

Tandem Dump Truck

Maximum Capacity
~18,400 kg (40,500 lbs)



Volume Capacity:
~11.5 cubic meters
(~15.0 cubic yards)
(~406 cubic feet)

Examples - To Haul:	Would require the following number of loads in each type of vehicle:			
	Utility Trailer	1/2 ton Truck	1 ton Truck	Tandem Truck
10 cubic meters	71	35	18	1
50 cubic meters	353	176	88	4
100 cubic meters	705	353	176	9
500 cubic meters	3526	1763	882	44
1000 cubic meters	7053	3526	1763	87

Individuals should know the capacity of their transport vehicle before visiting the MFA depot. The amount of material placed into any vehicle will be at the sole discretion of the site supervisor. For safety reasons, no overloading of vehicles will be allowed.

The Red River Floodway Expansion Project 2007 Access to Earth Initiative



Outlet Control Structure

Duff Roblin Park Depot Site

Located just off Winnipeg's north perimeter, approximately two kilometers east of PTH 59

Tuesday, September 4 to Sunday, September 30

CP Keewatin Railway Bridge

CN Redditt Railway Bridge

Trans-Canada Highway Bridge

CN Sprague Railway Bridge

PTH 59 South Bridge

CP Emerson Railway Bridge

St. Mary's Road Bridge Depot Site

Tuesday, August 7 to Sunday, September 2

Inlet Control Structure

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All coordinates are in the NAD83, UTM Zone 14, GRS 80 projection.

Manitoba Floodway Authority

