



Excess Soil Deposits

Customer Guidelines



Excess Soil Deposits

As a leading building materials manufacturer and construction company, we are constantly innovating and looking for new ways to better serve our customers. With our Soil Management solution, we are focused on putting the customer first, and leveraging our footprint to facilitate rehabilitation as we keep the natural environment at the forefront of our minds. These Customer Guidelines provide more information about the environmental requirements for excess soils to be accepted at our locations.

1. ACCEPTABLE EXCESS SOILS

Dufferin Aggregates, A CRH Company, accepts excess soils for quarry and pit rehabilitation purposes, where insufficient overburden material is available to complete rehabilitation plans for sites.

Only materials that meet the following criteria shall be accepted:

1. Are composed of either soils, earth and/or rock
2. Are exempt from debris (for example: asphalt, bricks, etc.) and putrescible materials
3. Meet the Table 1 standards, as outlined in the *Soil, ground water and sediment standards for use under Part XV.1 of the Environmental Protection Act* (dated July 1, 2011), except for sodium absorption ratio (SAR) and electrical conductivity (EC)
4. Show no perceptible sign of contamination (visual and/or olfactory)

2. ACCEPTANCE PROTOCOL

Customers wishing to export excess soils to a Dufferin Aggregates location shall submit the following information, as required in the *Request for Excess Soil Deposits form* (page 4):

1. Name and contact information of customer
2. Name and address of project site (i.e. generating location)
3. Name and contact information of environmental consultant at project site, if any
4. Type of excess soils to be imported and anticipated volume
5. Environmental characterization study generated by a Qualified Professional that contains, at a minimum:
 - a) Description of source site including location and past and present uses of the lands;
 - b) Description of excess soils;
 - c) Certificates of analysis;
 - d) Borehole survey reports; and
 - e) Sampling/borehole location plan.

2.1 Environmental Parameters

Customers must ensure that the certificates of analysis submitted provide results for the following environmental parameters as per O. Reg. 153/04:

1. Metals/Inorganics
2. Petroleum Hydrocarbons (F1-F4)
3. Polycyclic Aromatic Hydrocarbons (PAHs)
4. Volatile Organic Compounds (VOCs)
5. Any other potential contaminant required by Dufferin Aggregates, depending on the nature of the project site (for instance: polychlorinated biphenyls)

2.2 Review Process

Dufferin Aggregates will review the documentation and inform the customer of its decision within 24 hours from submission. If the excess soils are deemed acceptable, Dufferin Aggregates will provide the customer with the following information:

1. Authorized volume (i.e. quantity of excess soils accepted)
2. Location for placement of excess soils within the quarry/pit
3. Start date of excess soils importation





3. ON-SITE PROCESS AND POLICIES

1. All trucks must have a Gross Vehicle Weight Sheet readily available.
2. Upon entering the site, all drivers must be prepared to provide the following:
 - a. Name of the hauler
 - b. Name of the customer
 - c. Source site of the material (preferably a job number)
3. All drivers are required to wear the following Personal Protection Equipment whenever exiting the truck: **CSA Green-Patch work boots, hard hat, safety vest, and safety glasses.**
4. All posted signs and traffic control plans must be adhered to.
5. A Tarping Station is to be used for truck inspection only. Loitering is not permitted.
6. Violation of the rules above may result in refusal of entry to the site.

4. ENVIRONMENTAL CONTROLS

Dufferin Aggregates will complete a visual inspection of each load prior to placement. Environmental control testing will be conducted in accordance with compliance and regulation requirements. Additionally, Dufferin Aggregates reserves the right to visit the project site for verification purposes.

4.1 Unacceptable Material

Should any unacceptable material be discovered, the authorization for receiving excess soils will be suspended or revoked immediately. All unacceptable material will have to be recovered by the customer, at their expense, and removed from the Dufferin Aggregates location within 24 hours of notification from Dufferin Aggregates. The customer will have to submit a proof of disposal at an authorized location.

4.2 Exceeding Authorized Volume

In the event where the quantity of excess soils imported would exceed the volume authorized by Dufferin Aggregates, the project would be halted and a new Request for Excess Soil Deposits form would have to be submitted by the customer.





Request for Excess Soil Deposits

FORM
2019-11-13

General Information				
1. Customer Identification				
Customer				
Key Contact		Phone		Email
Project Name			Property Owner	
Address				
CRH Sales Rep.		Phone		Email
2. Environmental Consultant (at job site)				<input type="checkbox"/> N/A
Consulting Firm				
Key Contact		Phone		Email
3. Excess Soils				
Types of Soil	<input type="checkbox"/> Top Soil	<input type="checkbox"/> Sub-soil	<input type="checkbox"/> Shale/Rock	<input type="checkbox"/> Clay
Requested Volume (m ³)				
4. Supporting Documentation				
Standard	<input type="checkbox"/> Geotechnical Survey		<input type="checkbox"/> Environmental Site Assessment (Phase II)	
Exceptional	<input type="checkbox"/> Soil Analysis Reports	<input type="checkbox"/> Borehole Survey Report	<input type="checkbox"/> Location Plan	<input type="checkbox"/> Photos
Supporting Documentation must be submitted to the Soil Management team				

Excess Soils Specifications				
1. Characterisation of Soil and/or Water				
Customer has submitted an environmental site assessment that is certified by a Qualified Person			<input type="checkbox"/> Yes	<input type="checkbox"/> No
Environmental site assessment is no more than 24 months old			<input type="checkbox"/> Yes	<input type="checkbox"/> No
Environmental site assessment includes soil testing sample results for the following parameters (O. Reg 153/04)				
<input type="checkbox"/> Metals/Inorganics	<input type="checkbox"/> Polycyclic Aromatic Hydrocarbons (PAH)	<input type="checkbox"/> Petroleum Hydrocarbons (F1, F2, F3, F4)		
<input type="checkbox"/> Volatile Organic Compound (VOC)		<input type="checkbox"/> Polychlorinated Biphenyl (PCB)		
Environmental site assessment notes the presence of contaminated soils			<input type="checkbox"/> Yes	<input type="checkbox"/> No
Environmental site assessment notes the presence of contaminated groundwater			<input type="checkbox"/> Yes	<input type="checkbox"/> No
Signs of soil and/or water contamination are perceptible		<input type="checkbox"/> Observation (visual)	<input type="checkbox"/> Odours (olfactory)	
2. Description of Excess Soil				
Current Use of Property	<input type="checkbox"/> Farmland	<input type="checkbox"/> Redeveloped Property	<input type="checkbox"/> Urban/Vacant Lot	
Description of Stockpile(s)				
Description of Natural Ground				
Residual Materials Present (%)	<input type="checkbox"/> Asphalt:	<input type="checkbox"/> Concrete:	<input type="checkbox"/> Bricks:	<input type="checkbox"/> Coal:
	<input type="checkbox"/> Slag:	<input type="checkbox"/> Bottom Ash:	<input type="checkbox"/> Plastic:	<input type="checkbox"/> Other:
3. Soil Classification Assessment				
Final Decision	<input type="checkbox"/> Project Accepted		<input type="checkbox"/> Project Partially Accepted	<input type="checkbox"/> Project Refused
<i>If project is refused, reason of refusal:</i>				
Conditions				
Soil Profile	% Clay	% Water	% Other (earth, silt, sand, rock, etc.)	
Sections	Authorized		Refused	
Authorized Volume (m ³)				
CRH Reviewer		Phone		Email