

Department of Environment and Local Government

CONSTRUCTION AND DEMOLITION DEBRIS DISPOSAL SITE SITING STANDARD AND APPLICATION REQUIREMENTS

Objective

The purpose of this document is to specify siting requirements necessary to minimize the potential environmental impacts from the operation of a Construction and Demolition Debris Disposal Site (C&D Site) and the information required by the Department in order to issue an Approval to Operate under the *Water Quality Regulation – Clean Environment Act*.

Siting Standards

Separation distances are necessary in order to minimize potential environmental conflicts between non-compatible land uses. The boundary of the disposal area of the C&D Site shall not be located within the following receptor setback distances:

- a) 300 metres from any water supply well;
- b) 300 metres from any Institutional land use property;
- c) 300 metres from any Residence;
- d) 150 metres from any Industrial/Commercial land use property;
- e) 150 metres of the bank or the ordinary high water mark of any watercourse or wetland;
- f) 150 metres of the right-of-way boundary of a public highway;
- g) 50 metres from any other adjacent property;
- h) 75 metres from the boundary of a protected area as designated by Regulation 2001-83 of the *Clean Water Act* for drinking water supply watersheds; and
- i) 75 metres from the boundary of a protected area as designated by Regulation 2000-47 of the *Clean Water Act* for drinking water supply wellfields.

The above setback distances may be increased if the Department deems it necessary to protect additional, more sensitive environmental receptors.

Other factors which shall be considered during site selection include:

- Being within compatible land uses,
- Providing an all weather access road,
- Providing access to a year round supply of suitable cover material,
- Providing sufficient overburden to allow the debris to be 1.5m above bedrock and the seasonal high ground water table,
- Providing controlled access to the site, and
- Providing a treed or bermed buffer between the property line and the disposal face

Application Requirements

Before applying for an approval, the site location shall meet the Siting requirements as outlined above. Arrangements are to be made with the Regional Engineer for a site inspection.

The Construction and Demolition Debris Disposal Site Application Form consists of two parts. Part I includes a general description of the facility, its location, and contact information for the proponent. Part II includes information specific to the sector such as a Site Operations Plan, land use confirmation, landowner notification, etc.

The Application, including all supporting documents, must be completed and returned to the Regional Director of the appropriate Regional Office with the Department of Environment for processing, at least 90 days prior to the planned commencement of operations. Applications submitted with insufficient information will encounter processing delays. Site approval is based on the assessment of all components of the application.

Supporting Documentation

Site Operations Plan

The Site Operations Plan is to be approved and stamped by a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of New Brunswick. The plan shall include:

- A scaled engineering drawing depicting the layout of the facility on the property which includes:
 - the disposal cells
 - the location of monitoring wells (there must be a minimum of three monitoring wells)
 - the location of the landowners within 500 metres of the perimeter of the proposed Disposal Area including the PID numbers of all those properties
 - the distance to each of the receptors identified in this document under Siting Standards
 - surface water managements features such as ditches and sedimentation ponds
 - surface water monitoring locations
 - borrow areas
 - petroleum storage tanks
 - the treed or bermed buffer zone
 - the property lines
 - the PID numbers of the facility
 - the access road
 - the access gates
 - the weigh scale (if any)
 - the groundwater flow direction
 - the buildings footprints (if any)
 - the North Arrow

- Test pit results showing dept to bedrock
- Depth to water table
- Development plan including predicted lifespan of disposal site, disposal cells locations and development
- Background groundwater sampling (including surrounding potable wells)

Agreement with landowner

A copy of the long term written agreement with the landowner is to be included with the application (if applicable).

Land use confirmation

A written copy of the zoning confirmation is to be obtained from the local, regional or municipal planning authority is to be included with the application.

Land Owner Notification Confirmation Statement:

It is necessary that the proponent notifies, by registered mail, all landowners within 500 metres of the perimeter of the proposed Disposal Site, of an information session which will be held two weeks from the date of the letter, to inform the landowners of the proponent’s intent to operate a C&D site.

The notification letter will include:

- The date time and location of the information session
- A properly scaled drawing showing the extent of the proposed Construction and Demolition Disposal Site on the proponent’s property, the properties within 500 metres of the perimeter of the Construction and Demolition Disposal Site including property lines and PID numbers, nearby roads and streams and a line indicating a distance of 500 metres from the perimeter of the Construction and Demolition Disposal Site.
- Contact information for the proponent.

Information to be provided to the Regional Director as part of the application shall include:

- A copy of the notification letter sent to the landowners informing them of the information session
- Confirmation of delivery of the registered letters.
- The scaled map of the area indicating the Site location and surrounding landowners
- The signed confirmation statement

Information Session Confirmation Statement:

The proponent must provide a sign-in sheet for attendees of the information session and must disclose the types of waste that are proposed to be hauled to the site. The proponent must be prepared to address the concerns raised by the neighbouring landowners.

Information to be provided the Regional Director as part of the application shall include:

- A list of attendees
 - A summary of concerns expressed and proposed solutions to those concerns.
- A signed Information Session Confirmation Statement

Operating Conditions

Before applying for an Approval to Operate, the proponent should be aware that a Construction and Demolition Debris Disposal Site must operate under standard conditions as listed in the Construction and Demolition Debris Disposal Site Sector Standard and may be provided upon request from the Regional Engineer. Additional conditions may be added to the Approval to Operate should the Regional Engineer deem them necessary for the protection of sensitive receptors.

For additional information, please contact the appropriate Department of Environment Regional Office:

Region #1 – Bathurst

Physical Address:

159 Main Street, Room 202
Bathurst, NB E2A 1A6

p: (506) 547-2092

Mailing Address:

PO Box 5001, Room 202
Bathurst, NB E2A 3Z9

f: (506) 547-7655

Region # 2 – Miramichi

Physical Address:

316 Dalton Avenue
Industrial Park,
Miramichi, NB E1V 3N9

p: (506) 778-6032

Mailing Address:

Same

f: (506) 778-6796

Region #3 – Moncton

Physical Address:

355 Dieppe Boulevard, Suite C
Moncton, NB E1A 8L5

p: (506) 856-2374

Mailing Address:

PO Box 5001
Moncton, NB E1C 8R3

f: (506) 856-2370

Region #4 – Saint John

Physical Address:

8 Castle Street,
Saint John, NB E2L 4Y9

p: (506) 658-2558

Mailing Address:

PO Box 5001
Saint John, NB E2L 4Y9

f: (506) 658-3046

Region #5 – Fredericton

Physical Address:

12 McGloin Street
Fredericton, NB E3A 5T8

p: (506) 444-5149

Mailing Address:

same

f: (506) 453-2893

Region #6 – Grand Falls

Physical Address:

65 Broadway Boulevard
Grand Falls, NB E3Z 2J6

p: (506) 473-7744

Mailing Address:

PO Box 5001
Grand Falls, NB E3Z 1G1

f: (506) 475-2510

Neighbouring Land Owner Notification Confirmation Statement
Construction and Demolition Debris Disposal Site

This is to confirm that I, _____ have, by registered mail, notified all current landowners, whose properties are located within 500 metres of the perimeter of the proposed Construction and Demolition Disposal Site, of the intention to operate the Construction and Demolition Debris Disposal Site on the following property. I have invited the notified landowners to attend an information session and that I have included a map in the letter indicating the Site location as listed below.

Construction and Demolition Site

Property Owner/Operator:

Property Identification Number (PID#):

Site Address:

The Information session is to be held at the following address:

Information meeting time and date:

_____ Time _____ Date (day/month/year):

Also attached is the following information:

- 1) Names, addresses and PID numbers for all current landowners within 500m of the perimeter of the Construction and Demolition Disposal Site.
- 2) A copy of the letter sent to the current landowners.
- 3) Delivery confirmation of the letters to the current landowners.
- 4) A properly scaled drawing showing the extent of the proposed Construction and Demolition Disposal Site on the proponent's property, the properties within 500 metres of the perimeter of the Construction and Demolition Disposal Site including property lines and PID numbers, nearby roads and streams and a line indicating a distance of 500 metres from the perimeter of the Construction and Demolition Disposal Site.

Signature: _____ Print Name: _____

Date: _____

Please mail this signed statement to the appropriate Department of Environment Regional Office

Information Session Confirmation Statement
Construction and Demolition Debris Disposal Site

This is to confirm that I, _____, have held an information session for the landowners of the properties located within 500 metres of the perimeter of the proposed Construction and Demolition Disposal Area.

The information session was held concerning the Construction and Demolition Disposal Site listed below at the time and location indicated.

Construction and Demolition Site

Property Owner/Operator:

Property Identification Number (PID#):

Site Address:

The Information meeting was held at the following address:

Information meeting time and date:

_____ _____
Time Date (day/month/year):

Also attached is the following information:

- 1) A list of attendees.
- 2) A summary of issues and concerns expressed at the information session.

Signature: _____ Print Name: _____

Date: _____

Please mail this signed statement to the appropriate Department of Environment Regional Office