

## Department of Environment and Local Government

### Clean Fill Guideline

Clean fill would be described as:

- Uncontaminated\* rock and soils (granular or non-granular, in dry or saturated form),
- Uncontaminated\* cured Portland cement concrete with no protruding reinforcing,
- Cured asphalt or chip seal pavement that will not be subject to additional heating,
- Uncontaminated\* brick and concrete block that is source separated from the remainder of the building materials and,
- Brush and grubbing materials such as tree roots.

Dimensional lumber, brick from a chimney, and other building materials not specifically noted above, are not considered to be clean fill.

While ELG does not directly regulate clean fill, it is important to remember that disposal of fill may be regulated under the Watercourse Alteration Regulation when the disposal activities are within 30 metres of a watercourse. As is true with any earth moving work, sediment control issues should be evaluated and measures should be taken to mitigate sediment discharge. Fill should not be placed in standing water and the local surface water flow regime should be considered and accommodated.

Side slope stability of the fill should also be considered with respect to the actual fill being placed and with due consideration of the insitu soil and groundwater conditions. Generally speaking, a side slope of 3 horizontal to 1 vertical in a relatively free draining material will provide a stable slope; less permeable soils though, with a supply of water behind it, have been known to slump with a resultant slope failure. Contact a qualified professional for advice when in doubt or if the fill will be used for any structural purpose.

All fill should be stabilized against erosion and settlement. Typical stabilization techniques employ compaction, placement of geotextiles and riprap, covering with a growing medium and vegetation and mulching.

**For further information or clarification, contact the Impact Management Branch of the Department of Environment and Local Government at (506) 453-7945 or your local Regional Office of the Department of Environment and Local Government (see next page for a complete listing of the regional offices).**

\*It is the responsibility of the generator of the material and/or landowner to verify that the rock and/or soil is uncontaminated. If in doubt, call the Impact Management Branch at (506) 453-7945 for assistance.

For additional information on clean fill, please contact;

Department of Environment and Local Government

20 McGloin Street

PO Box 6000

Fredericton, NB E3B 5H1

Telephone: (506) 453-7945

Fax: (506) 453-2390

Or a Regional Office at:

**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