

CORPORATION OF THE DISTRICT OF MAPLE RIDGE

BY-LAW NO. 5763- 1999

A BY-LAW TO REGULATE THE PLACEMENT OF FILL ON LAND IN THE DISTRICT

WHEREAS, it is deemed expedient to amend Maple Ridge Soil Deposit Regulation Bylaw No. 4569-1991 as amended.

NOW THEREFORE, the Municipal Council of the Corporation of the District of Maple Ridge, in open meeting assembled, **ENACTS AS FOLLOWS**:

1. CITATION

- 1.1 This bylaw may be cited for all purposes as the “Maple Ridge Soil Deposit Regulation Bylaw No. 5763-1999”.
- 1.2 The “Maple Ridge Soil Deposit Regulation Bylaw No. 4569-1991” and amendments thereto is hereby repealed in its entirety and replaced with the following:

2. DEFINITIONS

For the purpose of this Bylaw:

“Soil” means clay, silt, sand, gravel, cobbles, boulders, peat or other substance of which land is naturally composed, or any other combination of these substances.

“Other material” means

- a. construction, building or demolition wastes such as masonry rubble, concrete rubble, asphalt, plaster, lumber, metal, shingles, glass, gyproc or any other material derived from building demolition and construction;
- b. hog fuel, sawdust, shavings, edgings, or other wood waste which results from the manufacturing process of lumber or other wood products;
- c. land clearing wood waste, consisting of stumps, brush and logs or any other waste derived from land clearing activities;
- d. waste material derived from commercial, industrial and manufacturing activities.

“Deposit” means the act of temporarily or permanently placing fill on any lands within the District of Maple Ridge other than that where it originated, including a stockpile or other storage facility.

“Fill” means any “soil” or “other material” defined herein brought on land within the District of Maple Ridge.

“Building Project” means any construction that involves the erection, alteration, replacement, addition, removal, move and/or demolition of buildings, structures and all appurtenances thereto including without limitation, plumbing, sewer, drainage, septic, electrical, gas, oil, and includes all site preparation, excavation, filling and grading.

“The Manager of Environmental Affairs” means the Manager of Environmental Affairs for the District of Maple Ridge and/or their designate.

“Bylaw No. 5764-1999” means the Corporation of the District of Maple Ridge bylaw to impose fees for soil deposit permit applications and to impose fees for the deposit of soil or other fill material on land.

“Bylaw No. 5535-1996” means the Corporation of the District of Maple Ridge bylaw to regulate outdoor burning in the District of Maple Ridge.

3. APPLICATION

- 3.1 This Bylaw applies to all land within the District of Maple Ridge. Where lands proposed to be filled are designated as agricultural land reserve pursuant to the *Soil Conservation Act*, R.S.B.C. 1996, Chapter 10, the District will require an application pursuant to the *Soil Conservation Act*, R.S.B.C., Chapter 434 be made to the Agricultural Land Commission prior to District approval.
- 3.2 An approval or exemption to fill under the authority of the *Soil Conservation Act* in no way relieves the owner or his/her agents of the responsibility of adhering to all local bylaws of the District of Maple Ridge and Provincial legislation, including, but not limited to, the Ministry of Environment, Lands and Parks.
- 3.3 For filling within Development Permit Areas as designated in the District of Maple Ridge Official Community Plan No. 5434-1996 a Development Permit needs to be applied for that would meet the requirements of a soil deposit permit.

4. PROHIBITIONS

- 4.1 Subject to Section 5 of this Bylaw, no person will cause or permit the placement of “fill” on any land within the District of Maple Ridge until a permit has been granted pursuant to this Bylaw.
- 4.2 No person will cause or permit the placement of other material on any land within the District of Maple without a valid permit or exemption under the *Waste Management Act*, and amendments thereto, and until a permit has been granted pursuant to this Bylaw.
- 4.3 Notwithstanding Section 4.1, no person will cause or permit the placement of fill on any land within the Agricultural Land Reserve unless the Provincial Agricultural Land Commission grants written approval or exemption under the *Soil Conservation Act* to the District of Maple Ridge.
- 4.4 Any fill placed without a permit must be removed from the land. Failure to remove the fill will constitute an offence under this Bylaw.

5. PERMIT EXEMPTIONS

Provided the placement of fill is carried out in compliance with the relevant provisions of this Bylaw and subject to the provisions of the *Soil Conservation Act*, a permit may not be required:

- 5.1 where the fill is used for construction, improvement, repair or maintenance of a highway;
- 5.2 where the fill is used for the construction, improvement, repair or maintenance of public works or services undertaken by a governmental authority;
- 5.3 where soil is from or on parks and municipally owned lands and is conducted by or on behalf of the District of Maple Ridge and in accordance with the standards of this bylaw and accepted Erosion Control or other Best Management Practices (see Schedule "A");
- 5.4 where the fill is placed and stored on land for the purpose of being used as an ingredient or component in the manufacture of topsoil on the same property;
- 5.5 where fill is placed as a necessary element in the construction of a work, building or structure authorized by a plumbing permit or a building permit issued by the District of Maple Ridge, provided such plumbing or building permit and the plans pertaining thereto disclose the placement of fill and the resulting elevations of the land in relation to the work, building or structure authorized by the plumbing permit or building permit with the extent of the fill limited to the creation of an acceptable building envelope;
- 5.6 where the volume of soil placed on a parcel in one year does not exceed 50 cubic meters;
- 5.7 where the soil is placed pursuant to a preliminary subdivision approval in respect of which subdivision examination fees have been paid, or pursuant to either a subdivision servicing agreement, rezoning development agreement or building project permit entered into between the owner of the land on which the soil is to be placed and the District; provided that in all such cases the placement of soil is carried out in accordance with the terms of the preliminary subdivision approval or agreement as the case may be including any engineering plans and specifications forming part thereof and in accordance with the terms of this bylaw;
- 5.8 where fill is placed pursuant to and in accordance with the terms of a written authorization from the Ministry of Health pursuant to an application, by the owner of land on which the fill is to be placed, for a permit to install a septic field;
- 5.9 where the deposit of fill is on lands designated Agricultural Land Reserve and an exemption under the Soil Conservation Act has been issued by the Agricultural Land Commission and been approved by the District;
- 5.10 fertilizers, manure, composts, mulches or soil conditioners for agricultural, farming, horticulture, nursery or domestic gardening and landscaping purposes deposited in accordance with good agricultural practice as defined by the BC Ministry of

Agriculture, Fisheries and Food, and the Agricultural Land Commission where the land is within the Agricultural Land Reserve;

- 5.11 wood chips, hog fuel, bark chips, shavings, trimmings, sawdust and other wood wastes generated by sawmilling and lumber manufacturing- readily incorporated into the soil, to a maximum depth of 10 cm. for agricultural, horticultural, nursery or domestic landscaping purposes, provided the material is placed in accordance with good agricultural practice or sound landscaping practice whichever the case may be;
- 5.12 where such material is wood waste, the product of a processing or manufacturing activity situated on the same or adjoining parcel, a product for the deposit of which a permit or approval has been issued under the *Waste Management Act*;
- 5.13 wood chips, hog fuel, bark chips, shavings, trimmings and sawdust and other wood wastes generated by sawmilling and lumber manufacturing used for animal bedding, or as foundation material for equestrian or construction purposes, provided the maximum area of land over which the material is deposited on any parcel of land will not exceed 25 % of the surficial area of the parcel to a maximum of 4000 square meters and the maximum depth of the material will not exceed 30 cm. annually to a lifetime maximum compacted depth of 50 cm; and
- 5.14 where material consists of stumps, brush and tree stockpiles from land clearing operations, the intent of which is to burn under the terms and conditions of Bylaw No. 5535-1997.

6. PERMITS

- 6.1 Any person who proposes to place fill on a parcel of land will first obtain a permit under this bylaw except where the land is within the Agricultural Land Reserve. In this instance, an application pursuant to the *Soil Conservation Act* will precede the Bylaw application.
- 6.2 A permit must not be issued if the proposed placement of fill will:
 - i) endanger or otherwise adversely affect any adjacent land, structure, road, or right-of-way, or
 - ii) foul, obstruct, impede or otherwise adversely affect any stream, creek, waterway, watercourse, groundwater aquifer, waterworks, ditch, drain, sewer or other established drainage facility unless the owner holds a permit to do so under the *Water Act* or *Pollution Control Act* and amendments thereto.
- 6.3 A permit issued under this Bylaw is valid for a period of 12 months from the date of issuance and is non-transferable.
- 6.4 Every application for a permit to place fill must be made by the owner(s) of the land or his/her agent.
- 6.5 An application for a permit shall:
 - i include a fully completed and signed form as set out in Schedule "B" attached and hereto annexed and made part of this Bylaw; and
 - ii be accompanied by the applicable permit fee calculated in accordance with Bylaw No. 5764-1999.

- 6.6 The Manager of Environmental Affairs may refer any application for a permit to the Engineering Department, Inspection Services, or consultants for advice. The applicant may be required to provide better and more detailed information to supplement the application. Where further information is required by the Manager of Environmental Affairs, the application will be deemed incomplete until the information is provided.
- 6.7 The owner and contractor agree to indemnify and hold harmless the District of Maple Ridge, its agents, employees or officers from and against any claims, demands, losses, costs, damages, actions, suits or proceedings whatsoever by whomsoever brought against the District, its agents, employees or officers by reason of the District granting the owner and contractor named herein the Soil Deposit Permit to conduct the work in accordance with the plan submitted and described in this application.

7. PLANS AND SPECIFICATIONS

Every application for a permit pursuant to this bylaw shall be made in writing to the Manager of Environmental Affairs and shall contain the following information:

- 7.1 the legal description and civic address of the land where the fill originates;
- 7.2 the legal description and civic address of the land on which fill is to be placed;
- 7.3 the name and the address of the person applying for the permit;
- 7.4 the name, address and telephone/fax numbers of the registered owner(s) of the land on which the fill is to be placed. Where there is more than one registered owner, the names, addresses and telephone/fax numbers of ALL registered owners must be provided;
- 7.5 the exact location and depths where the fill is to be placed, defined by reference to any existing buildings, structures, improvements, and parcel boundaries all of which must be shown as a dimensioned contour sketch plan in metric units;
- 7.6 the composition of the proposed fill;
- 7.7 the proposed method of placing the fill;
- 7.8 the dates proposed for commencement and completion of filling;
- 7.9 the proposed methods of access to the site during and upon completion of filling;
- 7.10 measures proposed to prevent personal injury or property damage resulting from filling;
- 7.11 the measures proposed to control erosion, drainage and soil stability;
- 7.12 the reclamation measures proposed to stabilize, landscape, and restore the land upon completion of filling;

- 7.13 the location of all watercourses, waterworks, wells, ditches, drains, sewers, septic fields, catch basins, culverts, manholes, rights-of-way, public utilities and public works on or within 30 meters of the boundaries of the parcel on which fill is to be placed, and the measures to protect them;
- 7.14 the proposed routes to be taken by vehicles transporting fill to the land;
- 7.15 measures proposed to minimize or prevent tracking of soil or other material onto municipal streets and roads and measures for cleaning the streets and roads abutting the parcel on which fill is to be placed;
- 7.16 if the proposed depth of fill is greater than 1 meter above existing ground elevations of fill site, or if the proposed fill site is on a floodplain designated pursuant to Section 910 of the Municipal Act or is proposed on a slope any part of which exceeds 30%, the application will be accompanied by a survey prepared by a B.C. Land Surveyor that includes:
- i) contour plans to a scale not smaller than one thousand to one (1000:1), showing at one (1) meter intervals the elevations as they exist and showing one (1) meter intervals the proposed elevations of the land after filling; and
 - ii) the proposed slopes which will be maintain during and upon completion of the filling.
- 7.17 if the proposed depth of fill is greater than 1 meter above existing ground elevations of fill site, or if the proposed fill site is on a floodplain designated pursuant to Section 910 of the Municipal Act or is proposed on a slope any part of which exceeds 30%, the application will be accompanied by a report prepared by a professional engineer that certifies:
- i) the proposed volume of fill including calculations, cross-sections and other engineering data and pertinent information used in calculating volume; and
 - ii) that there will be no more settling or subsidence of land, a building or a structure forming any part of the premises or adjoining property than prior to filling;
 - iii) that the placement of fill and resulting settlement or subsidence will not prevent any use permitted under the District of Maple Ridge Zoning Bylaw No. 3510-1985;
 - iv) that adjoining property will not be subject to increased flooding caused directly by stormwater runoff from the fill site; and
 - v) that also includes the assurances and undertakings of the engineer who prepared the plans and of the applicant for the permit in the form of attached to this bylaw as Schedule "C".
- 7.18 if warranted, the District may require an environmental assessment and independent monitoring of the fill operation;
- 7.19 copies of all certificates, permits and approvals, as may be required by the Ministry of Environment under the *Water Act* or the *Waste Management Act* and amendments thereto or any other authority having jurisdiction;

8. BUILDING PROJECT CONDITIONS

Any operation involving the placement of fill as is necessary for the construction of a bona-fide building project authorized by a building, plumbing, gas or electrical permit will comply with the requirements of the District of Maple Ridge Building Bylaw providing the following information in sufficient detail to establish the volume of fill to be placed:

- 8.1 The justification for the fill as it directly relates to the proposed building or structure project and the grading section of the current District of Maple Ridge Building Bylaw;
- 8.2 Plans of the lands upon which the applicant proposes to fill, which show the topography and surface elevations of the site prior to the commencement of filling, and the finished contours of the fill area;
- 8.3 a statement of the total volume of fill placed on the land along with cross-sectional profiles, calculations, and other engineering data and pertinent information used in calculating the total volume of fill.
- 8.4 Should additional technical information be required by the District the application will not be deemed complete until the information is provided; and

Upon completion of the project, the lands upon which fill has been placed will be developed in accordance with the site plan approved for issuance of the Building Project Permit.

9. SECURITY DEPOSITS

A security for the full and proper compliance with the provisions of the by-law and the performance of all terms and conditions expressed in the permit will be required where the soil to be deposited is on a slope or portion thereof that exceeds 30%, is within 50 meters of the top of bank of a watercourse, on a floodplain designated pursuant to Section 910 of the *Municipal Act* or if the elevation of the deposited fill will be greater than 1 meter above the elevation of the site prior to soil deposit. A security under this Bylaw will not be required for land within the Agricultural Land Reserve provided the Provincial Agricultural Land Commission incorporates a security requirement in its written approval.

- 9.1 The applicant shall provide a cash deposit or irrevocable letter of credit drawn upon a chartered bank, in a form acceptable to the District and in the amount of ONE THOUSAND DOLLARS (\$1,000) for each hectare or part thereof of a site upon which fill is to be placed, which security shall be maintained in full force and effect throughout the permit period plus a period of One Hundred & Twenty (120) days following expiration of the permit. If proper compliance with the provisions of the Bylaw is not met within Ninety (90) days following the expiration of the permit, the security will be cashed and held by the District until compliance is met or use the cash to complete the work. If the cash is insufficient for the District to complete the work the applicant will pay any deficiency to the District on demand.
- 9.2 If the applicant complies with the provisions of the Bylaw and meets all the terms and conditions of the permit the District will promptly return the deposit to the applicant. If any letter of credit will expire prior to the applicant complying with the provisions of the permit, the applicant will deliver to the District, at least 30 days prior to its expiry, a replacement letter of credit on like terms. If the applicant fails to

provide a replacement letter of credit the District will draw on the original letter of credit prior to expiration and will hold cash until a replacement letter of credit is provided or the work is successfully completed whichever occurs first.

- 9.3 Security deposit(s) must be deposited with the District prior to the issuance of a permit.

10. SOIL DEPOSIT REQUIREMENTS

Filling will at all times be conducted in accordance with the following requirements:

- 10.1 The slope of any part of an exposed face of any fill will not be greater than the angle of repose necessary for stability of the fill.
- 10.2 The fill will not in any way interfere with the established above or below ground drainage pattern of any adjoining lands, and will not cause the groundwater table to rise on adjoining lands so as to cause flooding or malfunctioning of a septic disposal system or contamination of a well. Where necessary, a system of interceptor or relief drains will be installed which are sufficient to compensate for any interference which might otherwise occur to established drainage patterns as a result of the fill project.
- 10.3 The fill will be graded in such a manner that positive gravity drainage is assured, and a drainage system of sufficient capacity and extent will be installed to ensure that runoff to any adjacent lands will be no greater than run-off prior to the commencement of the fill project.
- 10.4 Fill must not be deposited over any dedicated public right-of-way or registered easement without first obtaining the written approval of the authority having jurisdiction over the right-of-way or easement, and a copy of the written approval has been provided to the Manager of Environmental Affairs.
- 10.5 Where the natural subsoil is compressible no fill will be placed in the immediate vicinity of any utilities or services which might be damaged by settlement of the fill without first obtaining written approval from the authority having jurisdiction over the right-of-way or easement, and a copy of the written approval has been provided to the General Manager, Public Works and Development Services.
- 10.6 Fill must not be placed over wells or private sewage disposal systems.
- 10.7 All damage to District or privately owned drainage facilities, natural watercourses, roads, lanes, or other District or privately owned properties or facilities, resulting from fill project must be promptly and properly repaired to the complete satisfaction of the District.
- 10.8 Dirt, mud debris etc. resulting from a fill operation which is tracked onto public roads so as to cause a hazard or a nuisance must be removed on a daily basis or as directed by the Manager of Environmental Affairs or alternate. Should the permit holder fail to do so, the District may direct others to perform this work and the cost will be the responsibility of the permit holder. The permit holder must remit all payments within 14 days of receiving the invoice(s). If the permit holder fails to remit all payments within the specified time frame, the District may draw on all or part of

the irrevocable letter of credit to cover the cost of the work and/or suspend the permit until all bills have been paid, or both.

- 10.9 All drainage facilities and natural watercourses must be kept free of silt, clay, sand, rubble, debris, gravel, and all other material originating from the fill project, which might cause obstruction to drainage facilities and natural watercourses.
- 10.10 Stockpiles of soil which are part of a fill project must be confined to the locations prescribed in the permit and must be maintained in accordance with Best Management Practices so there are no adverse effects or damage to adjacent properties.
- 10.11 The fill must not encroach upon, undermine, damage or endanger any adjacent property or any setbacks prescribed in the permit.
- 10.12 Filling is prohibited on any Sundays and is restricted to between the hours of 8:00 a.m. to 6:00 p.m. any other day of the week.

11. RECTIFICATION PROVISIONS

Upon completion of filling, the permit holder will forthwith:

- 11.1 Leave all surfaces of the filled area with a slope not greater than the grade shown on the plans filed pursuant to Section 10.1 and as specified in the permit.
- 11.2 Cover all surfaces of the fill with an established growth of grass or other ground cover suitable for erosion control.
- 11.3 Should the necessary rectification of the property not be completed within a period of ninety (90) days following expiration of the permit, all letters of credit held as security for the project will be cashed and all monies will be held by the District until the completion of all required works.
- 11.4 Should the permit holder not complete all the necessary rectification work to the satisfaction of the District, under the terms of the covenant registered against the property the District will enter the lands and carry out the necessary work or the work that can be completed using the total amount of the bond monies.

12. PERMIT ISSUANCE

- 12.1 Every permit issued will be deemed to incorporate the plans, specifications, documents and information in the application as approved and will be incorporated into the terms and conditions of the permit. A permit will be substantially in the form of Schedule "D" attached to this bylaw.
- 12.2 No application for filling will be complete unless a soil deposit permit fee is paid pursuant to the Soil Deposit Fee Bylaw No. 5764-1999.
- 12.3 Upon completion of filling, the permit holder or the owner of the land will, prior to the expiry of the permit:

- i) protect the boundaries of all adjacent lands, dedicated rights-of-way, and utility easements from erosion or collapse, and
- ii) complete all such works in accordance with accepted engineering principles to the satisfaction of the District.

13. PERMIT RENEWAL

- 13.1 Application for renewal can be made to the District as outlined. There will be no obligation upon the District to renew any permit.
- 13.2 If an applicant applies for a renewal of a soil deposit permit, the Manager of Environmental Affairs may issue the renewal if all applicable drawings and specifications for the fill area are updated as necessary to identify any material changes to site conditions and to demonstrate compliance with current bylaws and regulations and any required fees and/or security is updated.

14. ADMINISTRATION AND ENFORCEMENT:

- 14.1 This Bylaw will be administered by the Manager of Environmental Affairs or designate(s).
- 14.2 The Manager of Environmental Affairs, the Bylaw Enforcement Officer and all District employees under their direction will have the right at all reasonable hours to enter upon and inspect any land or premises in the District to determine if the provision of the Bylaw are being met.
- 14.3 In the event of a breach of any of the provisions of this Bylaw or the permit, the Manager of Environmental Affairs or the Bylaw Enforcement Officer will issue to:
 - i) the owner of the lands upon which the fill is being deposited, or
 - ii) the person placing the fill, or
 - iii) the applicant for the permit, or
 - iv) the holder of the permit, orany or all of them a notice of such breach. Any person receiving a notice of breach will forthwith cease and desist filling, or permitting the placement of any further fill upon the lands until the breach is remedied.
- 14.4 In the event that any person, having received a notice of breach, fails to remedy the breach within the time frame specified by the District, or otherwise proceed to breach any provisions of the Bylaw and/or permit, the permit will become null and void and all monies collected with respect to, the permit, will be forfeited. Once the breach has been corrected, it will then be necessary for the permit holder to apply for and obtain a new permit and all fees set out in the Bylaw will be due and payable as a condition of permit issuance.
- 14.5 No further permit for placing fill upon any lands within the District will be issued to any person who has had a permit revoked, unless and until such person shall, in addition to any other security required pursuant to this Bylaw, posts an additional security up to a maximum of \$10,000 as determined necessary by the District.

14.6 Where any permit holder neglects and/or refuses to carry out the works in accordance with the permit, then in accordance with the provisions of this Bylaw and/or conditions of said permit, it will be considered an offence against the Bylaw and every day that the land and/or the required works remain in a condition contrary to the provisions of this Bylaw and/or terms and conditions of the permit, a new offence is committed and the permit holder will be liable to the penalty hereinafter provided.

15. PENALTY

Every person who violates any provisions of this Bylaw or fails to comply with the terms and conditions of a permit or an order issued under this Bylaw commits an offence punishable upon Summary Conviction and will be liable to a fine of not less than \$2,000.00 and not more than the maximum penalty provided by the Offence Act and, where the offence is a continuing one, each day that offence is continued will constitute a separate offence.

16. If any section or lesser portion of this Bylaw is held invalid, it will be severed and the validity of the remaining provisions of this will not be affected.

17. Schedules "A", "B", "C", and "D" attached to this Bylaw are incorporated herein and form part of the bylaw.

READ a first time the 25th day of May, 1999.

READ a second time the 25th day of May, 1999.

READ a third time the 25th day of May, 1999.

RECONSIDERED AND ADOPTED this 23rd day of November, 1999.

MAYOR

CLERK

Corporation of the District of Maple Ridge

BY-LAW NO. 5763-1999

SCHEDULE "A"

SEDIMENT CONTROL BEST MANAGEMENT PRACTICES

The following Best Management Practices for erosion control are suggested for consideration as they apply to works undertaken under a soil deposit permit:

1. Try to restrict works where possible to dry weather.
2. Sloping Terrain (between 20% to 30%):
 - interceptor ditches at 5 meter intervals vertically
 - sediment control pond for 1.0% of total disturbed area, or in accordance with a design with a registered professional engineer with all runoff from the disturbed area directed to the pond; and
 - and as required for Other Areas
3. Other Areas:
 - poly-covering of exposed areas and stockpiles subject to erosion;
 - seeding to all disturbed areas in the growing season (prior to September 15);
 - diversion swales for all slopes exceeding 30 m. in length;
 - silt fence properly installed around all stockpiles or unvegetated fill areas;
 - gravel site access pad installed prior to fill activity;
 - gravel berm or silt fence installed beside all curb and gutter areas prior to fill activity; and
 - silt trap at all catchbasins.

Corporation of the District of Maple Ridge

BY-LAW NO. 5763-1999
SCHEDULE "B"

SOIL DEPOSIT PERMIT APPLICATION

1. I, _____ of _____
(full name) (address)

_____ hereby apply for a permit to place fill
(telephone/fax) on the following property:

Address: _____

Legal Description: _____

2. The source(s) of the fill is(are):

Address: _____

Legal Description: _____

3. The registered owner(s) of the property on which the fill is to be placed is

_____ of _____
(full name)

_____ (address) (telephone/fax)

4. If the Applicant is not the registered owner of the property on which the fill is to be placed, then the registered owner by signing here, authorizes the Applicant to make this application.

(signature of owner(s))

5. The fill is proposed for the following reason(s):

6. The surface area of the proposed fill site is _____ hectares. *Note 1 hectare equals 2.47 acres.*

The proposed total volume of the fill is _____ cubic metres.

7. Dimensions of the fill area in metric units:

Area (length x width) _____

Depth(s): _____

8. Attached hereto is a dimensioned sketch (in metric units) of the property on which the placement of fill is proposed, showing all roads adjoining the property, all existing buildings, structures and other improvements, the location of water, sewer and other utilities as well as natural watercourses, ditches, drains, manholes, culverts, catch basins and other public works on or within 30 metres of the property, the location of wells and septic fields on any adjoining properties, and the exact location and depth of the proposed fill site.

9. Attached hereto are 2 cross sectional profiles of the proposed fill site. One profile cutting from north to south and the other cutting east to west. All profiles must identify:

- a.) the existing ground profile; and
- b.) the ground profile after filling.

10. The fill is comprised of:

11. The proposed method of filling is _____

12. The proposed dates between which filling will take place are

_____ to _____.

13. Vehicles access to the fill site will be via

(name of street)

as shown on the sketch plan provided pursuant to Section 8 of this application.

14. The proposed route to be used in and through the District of Maple Ridge by vehicles delivering fill to the fill site is:

15. The following safety measures to prevent personal injury or property damage to persons or property in or about property or on adjacent roads will be implemented:

16. Filling must not cause erosion, stability or drainage problems on the property or to neighbouring properties and the following measures will be taken to achieve these objectives:

(if insufficient space, please attach a clearly marked schedule.)

17. After filling the following measures will be taken by the applicant to stabilize, reclaim, landscape and restore the property:

(if insufficient space please attach a clearly marked schedule.)

18. The following measures will be taken to prevent fill from being tracked onto municipal streets and roads, and to clean the same:

19. The following measures will be taken to protect and keep wells, natural watercourses, septic fields, water works, sewers and other utilities, drains, ditches, culverts, catch basins and other public works clear and clean of all sediment, silt, leachate or other fouling or obstruction of:

(if insufficient space, please attach a clearly marked schedule.)

20. Attached, as part of this application, are the following reports, as may be required under Section 7.16 and 7.17 of this bylaw:

BC Land Surveyor or Professional Engineer site plans _____

Geotechnical Certification of Professional Engineer _____

I HEREBY DECLARE that the above information is correct, that it is my intention to place fill on the property in accordance with the attached plans and specifications and information, that I am aware of the provisions of the Maple Ridge Soil Deposit Regulation By-law No. 5763-1999 and that I will abide by all applicable provisions of said by-law and such terms and conditions as may form part of any Soil Deposit Permit issued pursuant to this Application.

I further agree to indemnify and hold harmless the District of Maple Ridge, its agents, employees or officers from and against any claims, demands, losses, costs, damages, actions, suits or proceedings whatsoever by whomsoever brought against the District, its agents, employees or officers by reason of the District granting the owner and contractor named herein the Soil Deposit Permit to conduct the work in accordance with the plan submitted and described in this application.

Date: _____

Signature of Applicant: _____

Applicant's Name Printed: _____

Received from: _____ this _____ day of _____, 20__ the sum of \$_____ for Soil Deposit Fee (if applicable).

Receipt No. _____

Manager of Environmental Affairs

Processing information: (to be filled out by District of Maple Ridge)

ALR Approval _____

Development Permit _____

Ministry of Environment, Lands and Parks Approval _____

Title and Legal Description Correct _____

Zoning Correct _____

Authority of Owner Provided _____

Survey site plan as required _____

Geotechnical Certification as required _____

District site visit conducted _____

Permit Fee Receipt No. _____

Corporation of the District of Maple Ridge

BY-LAW NO. 5763 - 1999

SCHEDULE "C"

**ASSURANCE OF GEOTECHNICAL DESIGN FOR
SOIL DEPOSIT AND COMMITMENT FOR FIELD REVIEW**

Date (year, month, day)

Manager of Environmental Affairs
District of Maple Ridge
11995 Haney Place
Maple Ridge, B.C. V2X 6A9

Dear Sir:

Re: Application for Soil Deposit Permit

at _____
(civic address)

I, the undersigned registered professional engineer/landscape architect hereby give assurance that the design, location, quality, nature, depth, volume and configuration of the fill to be deposited and works to be constructed and undertaken in support of and in relation thereto all as shown on the plans and supporting documents prepared and signed by me and attached to this letter are consistent with sound reasonable engineering fill and soil deposit practice, and when and if carried out in conformance with such plans and specifications will not constitute any reasonably foreseeable risk or hazard to persons or property.

The undersigned undertakes to conduct such supervision, testing and field review to ensure filling complies with the plans, specifications and supporting documents attached hereto.

I assure you that I have been given the authority by the owner of the lands on which the soil is to be deposited and by the applicant for the permit (if different from the owner) to stop, remove or redirect the placement of fill as required in my judgment and as required to comply with the plans, specifications and supporting documents attached hereto.

I will notify you in writing immediately if my contract for field review, testing or supervision is terminated or limited at any time before the completion of filling described in the plans, specifications and supporting documents attached hereto.

(affix professional seal)

Signature

(Please Print)

Name

Address

Address

I, the applicant for the Soil Deposit Permit for the placement of fill at the above address, acknowledge that I have read this letter and agree with its contents. I have also reviewed the plans, specifications and supporting documents attached to this letter and agree with them. I advise you that I have given _____

(name of registered professional)

the authority to conduct testing, field review and to supervise filling including the authority to stop the placement of fill, remove fill or redirect it as set out in this letter. I acknowledge and understand that all authority and permission to place fill under any permit issued to me pursuant to any application will automatically cease and be suspended if the registered professional's services are terminated or limited and will not be reinstated until such time as another registered professional submits to you a signed and completed letter in this form.

Witness's Signature

Print

Name

Address

or:

The Corporate Seal of _____

was hereto affixed in the presence of:

Authorized Signing Officer

Authorized Signing Officer

Corporation of the District of Maple Ridge

BY-LAW NO. 5763-1999

SCHEDULE "D"

SOIL DEPOSIT PERMIT NO. _____

Pursuant to the Maple Ridge Soil Deposit Regulation By-law No. 5763 - 1999, permission is hereby granted to:

_____ (Name)

of _____ (address) _____ (telephone)

to deposit _____ cubic metres of _____ upon the

_____ (address of property)

_____ (legal description of property)

in accordance with the provisions of the Maple Ridge Soil Deposit Regulation By-law No. 5763 - 1999, Application No. _____ and the plans, specifications and other supporting documents filed therewith as approved, and initialed as approved by the permit holder, all which form a part of this Permit and constitute the terms and conditions of this Permit:

Conditions: (to be stipulated by the District of Maple Ridge)

This permit is issued on the condition that the permit holder fully comply with all provisions of the Maple Ridge Soil Deposit Regulation By-law No. 5763 - 1999 and all terms and conditions herein of this Permit.

Received from _____ this _____ day of _____,

20____ the sum of \$ _____ as Soil Deposit Fee (if applicable). Receipt No.: _____

This Soil Deposit Permit is issued this _____ day of _____, 20____ and shall expire twelve months after the day of issuance.

Manager of Environmental Affairs