

**FRENCHTOWN CHARTER TOWNSHIP
DEPARTMENT OF BUILDING INSPECTION
2744 VIVIAN ROAD
MONROE, MI 48162-9249
(734) 242-5900 EXT 4.**

SOIL FILL PERMIT APPLICATION

Application for Soil Fill Permit: Greater than 20,000sq ft in area and all excavation and removal operations other than mineral mining operations, farm ponds and landscaping ponds. Frenchtown Charter Township Zoning Ordinance, Section 4.21.2.

Permit # _____ **Parcel ID #** _____

Date _____

Site Address _____

Name _____ Phone Number _____

Address _____

Contractor's Name _____ Phone Number _____

Contractor's Address _____

Detailed proposal as to method of operation, including type of machinery or equipment that will be used, estimated period of time that such operation will cover, and all haul roads and truck entrance locations to be used, including method of dust control of access road. (see attached guidelines)

Detailed statement as to type of material to be used for fill:

Signature Owner/Contractor _____ Date _____

Signature of Building Official _____ Date _____

Township Engineer Approval _____ Date _____

Section 4.21.2(a) All applications shall be referred to the Township Engineer. The Township Engineer shall inspect the premises described in the application and shall prepare written recommendations to the Building Official for modifications or additions to the proposed plan. The engineer shall base his/her report on the adequacy of the proposed plan to safeguard adjacent properties and uses and conformance with the requirements of this Ordinance. The applicant shall pay the costs of the review and inspection in accordance with the fees established by the Township Board.

Section 4.21.2(b) In the case of excavation and removal of material from the site the Building Official, after reviewing the report of the Township Engineer, shall determine if such excavation and removal is necessary to alter the property for a use consistent with existing zoning requirements. If a determination is made otherwise the excavation and removal shall be deemed a mining operation. The applicant shall have a period of 90 days in which to appeal the determination of the Building Official to the Zoning Board of Appeals.

Section 4.21.2(c) The application for permit shall contain a topographic site plan, drawn to scale of at least 1" = 100 ft., sealed by a Licensed Civil Engineer or Surveyor registered in the State of Michigan, and containing the following information:

Section 4.21.2(c)(1) Names and addresses of the each owner(s), applicant(s) if other than owner (show interest), and person(s) or contractor(s) responsible for the operation.

Section 4.21.2(c)(2) A full legal description of the premises wherein filling or excavation and removal operations are proposed.

Section 4.21.2(c)(3) Boundary lines of the property, dimensions and bearings of the property lines, and gross and net acreage.

Section 4.21.2(c)(4) Existing site improvements, such as buildings, drives, wells, and drain fields; existing public utilities; and location of wooded areas, streams, marshes and other natural features.

Section 4.21.2(c)(5) Existing topography on the site and 100 feet beyond the site, at contour intervals of two (2') feet.

Section 4.21.2(c)(6) Locations and description of soil types.

Section 4.21.2(c)(7) Location map.

Section 4.21.2(c)(8) Location and nature of structures and stationary equipment to be located on the site during filling or excavation and removal operations.

Section 4.21.2(c)(9) Existing and proposed drainage swells, storm sewers, and/or methods of storm water drainage.

Section 4.21.2(c)(10) Location and width of drives, sight distances, and proposed acceleration /deceleration lanes.

Section 4.21.2(c)(11) An estimate of the content, type and amount of material proposed to be filled or excavated and removed.

Section 4.21.2(c)(12) Proposed topography at contour intervals of two (2') feet clearly showing connection to existing undisturbed contour lines.

Section 4.21.2(c)(13) Proposed ground cover and other planting to stabilize the soil surface.

Section 4.21.2(c)(14) A schedule of operations outlining the proposed dates and progress of proposed operation from beginning to end of soil moving operation.

Section 4.21.2(c)(15) Such other information the Building Official and/or Engineer may deem necessary to complete their review.

Section 4.21.2(d) The Building Official shall review the hours of operation proposed and establish limits which shall not be detrimental to the operation or negatively impact the adjacent property owners.

Section 4.21.2(e) Each owner/applicant shall be held responsible for all public or private highways, roads and streets upon which trucks haul materials from such operations, to keep these roads in a derivable sound condition at least equal to that which existed prior to the beginning of such operations; and to keep the roads dust-free and to clean any and all spillage of material and dirt, rock, mud and any other debris carried onto the roads by these trucks or other equipment.

Section 4.21.2(f) Any noise, odors, smoke, fumes or dust generated by any digging, filling, excavating, loading or processing operation and borne or able to be borne by the wind shall be confined within the property lines of said operation so as not to cause a nuisance or hazard of any adjoining lot or public road, in accordance with the environmental standards established by the Michigan Department of Natural Resources and U.S. Environmental Protection Agency.

Section 4.21.2(g) Operations shall not be conducted so as to cause the pollution of any material of any surface or subsurface watercourse or body outside of the lines of the lot on which such use shall be located, or of any existing body of water located within the premises, in accordance with the environmental standards established by the Michigan Department of Natural Resources and U.S. Environmental Protection Agency.

Section 4.21.2(h) Operations shall not be conducted as to cause or threaten to cause the erosion by water of any land outside of said lot, or so as to alter the drainage pattern of surface or subsurface waters on adjacent property. All operations must be in conformance with the requirements of the Soil Erosion and Sedimentation Control Act of the State of Michigan. In the event that said operations cease to be conducted, it shall be the continuing responsibility of the owner(s) and the operator(s) thereof to assure that no erosion or alteration of drainage pattern shall take place after the date of the cessation of operation as specified in this paragraph.

Section 4.21.2(i) Travel routes for trucks entering and leaving said operations shall be shown on a map of the Township at the time of application for the permit. Such routes except major thoroughfares or their equivalents shall not pass through residential areas, unless alternate routes do not exist. Said routes shall be subject to approval of the Building Official.

Section 4.21.2(j) Vegetation shall be restored by the appropriate seeding of grasses and the planting of trees and shrubs, to establish a permanent vegetative cover on the land surface, and to minimize erosion.

Section 4.21.2(k) Any road used for the purpose of ingress and egress to said operation which is located within three hundred (300') feet of an occupied residences shall be kept dust free by hard-topping with cement, bituminous substance or chemical treatment.

Section 4.21.2(l) No soil, sand, clay, gravel or similar material shall be placed in such manner as to cause water to collect or to result in a place of danger or a menace to the public health or safety. The premises shall at all times be graded so that surface water drainage is not interfered with.

Section 4.21.2(m) A sufficient quantity of topsoil shall be stockpiled on said site so that the entire site, when operations are completed, may be recovered with a minimum of six (6") inches of topsoil. The replacement of such topsoil shall be made immediately following the termination of the operation.

Section 4.21.2(n) Stockpiling of fill material to be used on the site shall not exceed a volume of 2 feet times total square footage of the proposed fill or excavated area divided by 27.

Example: area to be filled 200' x 200'.

Permissible volume of stockpile -

$2 \times 40,000 = 2,962$ cubic yards

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Section 4.21.2(o) Stockpiles shall be placed in such a manner as not to obscure traffic or cause unsafe traffic conditions, and shall be limited to a height of 15 feet. Stockpiles shall remain ungraded for a period of no longer than twenty (20) days.

Section 4.21.2(p) Upon completion of operations, the site shall be thoroughly finish-graded in accordance with the proposed plan grade (to within plus or minus 0.3 feet). All slopes exceeding one foot on three feet shall be protected from possible soil erosion.

Section 4.21.2(q) The owner(s) or operator(s) shall submit an "as built plan" to the Township, prepared and certified by a Licensed Civil Engineer or Land Surveyor registered in the State of Michigan. The purpose of the "as built plan" is to ensure that the filling and finish grading conforms to the originally proposed topographical plan.

The "as built plan" shall be submitted no later than two (2) months after completion of final grading and shall indicate final grade elevation at all extremities of the site, pertinent points of grade change and swales, and shall be certified by a Licensed Civil Engineer in compliance with the Zoning Ordinance requirements and the original plans. The "as built plan" shall be reviewed by the Township Engineer for final grade certification and compliance with other standards set forth herein prior to release of bonds or escrow funds by the Township.

Section 4.21.2(r) All sites in excess of one (1) acre shall have prior approval of the Monroe County Drain Commission Soil Erosion and Sedimentation Section, in accordance with the Soil Erosion and Sedimentation Control Act, Act 347, P.A. of 1972, as amended.

Section 4.21.2(s) The Building Official and/or Engineer may modify the above requirements or may require such other future requirements as are deemed necessary in the interest of the public health, safety, morals and general welfare of the citizens of Frenchtown Charter Township.