Hillsborough County Florida
Development Services

# Land Excavation Operating Permit Application

**IMPORTANT INFORMATION:** Please note that upon issuance of an Operating Permit, quarterly inspection fees are due to the Development Services Department in the amount consistent with the most recent Board of County Commissioners adopted Fee Schedule per cubic yard of material excavated, beginning with the end of the quarter following the issue date of the Operating Permit.

After completion of reclamation, the Hillsborough County Land Development Code requires a topographic survey or other method of calculating the total cubic yardage of material excavated to be conducted prior to the release of the reclamation bond or other financial security. Therefore, please be sure to include a statement regarding how the original application site plan contours were developed. Please completely identify if the contours were based on Southwest Florida Water Management District aerials and the dates of the aerials, or provide documentation of a survey conducted prior to ground disturbance for excavation. Final payment of land excavation inspection fees will be based on quantities derived from the initial and final surveys, or other approved method of calculation.

Cost Itemization for Reclamation shall consist of the required cost for reclamation and equipment mobilization, sod or seed and mulch of the surface area of 4: 1 or combination 4: 1 and 2: 1 side slopes, and surveying of the excavation area. This cost shall be multiplied by 110% to total the reclamation cost.

**Property Owner Information**

Name: _____ Phone _____

Address: _____ City/State/Zip: _____

Email: _____ Fax Number _____

**Additional Property Owner Information** (if applicable)

Name: _____ Phone _____

Address: _____ City/State/Zip: _____

Email: _____ Fax Number _____

**Project Contact Person**

Name: _____ Phone _____

Address: _____ City/State/Zip: _____

Email: _____ Fax Number _____

**Person or Company to Physically Alter Land**

Name: _____ Phone _____

Address: _____ City/State/Zip: _____

Email: _____ Fax Number _____

**Project Information**

Folio Number: _____ Project Title (if applicable): _____

Address: _____ City/State/Zip: _____

Location of Parcel with Respect to Surrounding Roads:

_____

☐ Attach complete legal description of parcel

☐ Attach complete legal description of excavation area

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**Project Information** (continued)

Is excavation for the purpose of creating a lake? ☐ Yes ☐ No

If "Yes'', indicate which of the following applies to the proposed reuse:

☐ The lake is for agricultural purposes

☐ The lake is to resolve an existing drainage problem in the immediate area.

☐ The lake is for future rezoning of the property and potential development of lakeside frontage.

☐ The lake is for_____

Total surface area of parcel in acres: _____Total surface area of excavation in acres:_____

Proposed depth of excavation:_____

Total cubic yards available for excavation:_____Cubic yards excavated to date: _____

Approved length of excavation: _____Cubic yards to be excavated during this period:_____

Type and capacity of trucks to be used for hauling:_____

The on-site haul route to be used for transporting materials from the excavation to the point of access:

The off-site haul routes to be used for transporting materials from the access to a road which meets state standards:

List all posted road structures such as bridges and crossovers to be used along the haul routes:

_____

Will posted load limits on County roads and bridges be exceeded? ☐ Yes ☐ No

Will dewatering be required? ☐ Yes ☐ No

If "Yes", describe the following: (A Water Use Permit from SWFWMD may be required.)

Method of dewatering:_____

Direction of flow and maximum expected pumping rate:_____

Size of retention ponds if water is retained on-site:_____

Maximum discharge from the settling basin within a 24- hour period:_____

Results of horizontal hydraulic conductivity test on the aquifer to be dewatered pursuant to Land Excavation Ordinance 92-5:

_____

Description of existing fences around parcel/excavation area

_____

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**Additional Required Information**

☐ 1. The following technical reports and information will be required:

☐ a. The results of **three (3) evenly spaced soil borings shall be submitted for each land excavation up to twenty (20) acres in size. For each additional ten (10) acres or portion thereof, one additional soil boring shall be required.** Borings installed at the site shall be classified using the Unified Classification System. Depth of the boring shall be to the top of the first competent limestone or twenty (20) feet below the planned excavation depth, whichever occurs first. Following completion of the required test, the bore hole shall be plugged from bottom to top with neat cement as specified in Florida Department of Environmental Protection Regulations. Site specific soil boring requirements may be modified based on information presented to the Department.

Soils collected during testing shall be classified and the ground water table identified. Classification of soils shall be completed by an individual registered by the State of Florida as a Professional Engineer or a Professional Geologist.

☐ b. The following information shall be submitted for all land excavations **with a depth of more than fifteen (15) feet below natural land surface where dewatering is necessary**:

Dewatering of a land excavation shall be evaluated by conducting an onsite field permeability test (horizontal) in materials representative of the entire section of the aquifer to be dewatered, as well as computer modeling of the cone of influence caused by dewatering the excavation.

1) Recommended permeability test procedures include the following:

a) Pumping tests for the unconfined aquifer described in one of the following:

1. Freeze and Cherry, 1979, Groundwater, pp.324-327
2. Fetter, 1980, Applied Hydrogeology, pp.287-292
3. Kruseman and Derrider, 1983, Analysis and Evaluation of Pumping Test Data pp.95-107
4. Johnson, 1986, Groundwater and Wells

☐ c. Slug tests as described in the following:

1) Herman Bouwer and R.C. Rice, 1976, "Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers with Completely or Partially Penetrating Wells" Water Resources Research, Volume 12, pages 423-428

2) Freeze and Cherry, 1979, Groundwater, description of Hvorslev Meth

3) Driscoll, 1986, Groundwater and Wells

The cone of influence shall be determined by finite difference computer modeling of the excavation. Alternate methods for determining horizontal hydraulic conductivity and cone of influence may be used, however they are subject to approval by the County prior to implementation. Required horizontal conductivity tests and cone of influence determination shall be completed by a Professional Engineer or Professional Geologist registered in the State of Florida. Results shall be submitted with the land excavation application.

**Evaluating the effects of dewatering will not be required if a Water Use Permit from the Southwest Florida Water Management District is <u>obtained prior to issuance of the Land Excavation Operating Permit.</u>**

☐ d. An excavation site plan shall be submitted accurately and legibly depicting the following:

☐ Utilizing a scale of 1"=20', 1"=50', 1"-100', or 1"-200', including a graphic scale and north arrow. All drawings shall be on 24" x 36'' sheets.

☐ A title block showing the name of the proposed land excavation, County and State, date of preparation, name, address and phone number of the applicant, and a revision block.

☐ A vicinity map, at scale, showing the proposed land excavation in relation to the surrounding area and the proposed off-site haul route.

☐ Property lines including bearings and distances.

☐ Existing natural and man-made features including but not limited to contour lines (one foot intervals) vegetative communities and concentrations, streets, utility lines, and type of wells, septic tanks, drainage fields, chemical/fuel storage tanks (surface and subsurface), and other physical features within one hundred fifty (150) feet of the proposed land excavation.

- ☐ Is this property located within an area which potentially constitutes significant wildlife habitat, as described in Section 4.01.00 of the Land Development Code (LDC)? ☐ Yes ☐ No
- ☐ Does this property have any endangered or threatened species or species of special concern on site? ☐ Yes ☐ No

  Provide a survey that follows the methodology specified in Section 4.01.00 of the LDC.
- ☐ Plan shall include a project compatibility plan pursuant to Section 4.01.00 of the LDC for any land excavation proposed adjacent to a public or private, non-profit natural preserve.
- ☐ Plan shall include a statement identifying the methods to be employed for onsite or offsite preservation to meet the requirements of Section 4.01.00 of the LDC.
- ☐ Plan shall include existing water courses and their flow direction, wetlands and other water bodies, and location, type and depth of wells within eight hundred (800) feet of the proposed land excavation. The location, type, and depth of wells will not be required if a Water Use Permit from the Southwest Florida Water Management District is obtained prior to issuance of the Land Excavation Operating Permit.
- ☐ Plan shall include the size, shape, and location of the proposed land excavation including dimensions and distances to property lines.
- ☐ Plan shall include any existing buildings and structures within one hundred fifty (150) feet of the proposed land excavation site.
- ☐ Plan shall include right-of-way lines and easement lines.
- ☐ Plan shall include setbacks of the land excavation from right-of-way lines, easement lines, and property lines.
- ☐ Plan shall include points of ingress/egress to the proposed land excavation.
- ☐ Plan shall include the type of pump (electric, gas, diesel), locations, and sources of electrical power, if required.
- ☐ Plan shall include a cross sectional drawing referring to National Geodetic Vertical Datum showing the proposed depth of the excavation and the slope of the side and depth of the water, if any, in the land excavation following completion of the land excavation activity.
- ☐ Plan shall include the location and size of all proposed on-site structures, including, but not limited to, office, scale, pug mills and associated equipment.

  **NOTE:** Pug Mills shall meet the standards of location and operation specified in the applicable Hillsborough County Zoning Ordinance.

☐ e. The reclamation plan submitted with the application shall include:

- ☐ Provide a narrative describing the manner in which restructuring, reshaping and/or revegetation will be accomplished.
- ☐ The site plan shall be drawn to a scale of 1 "=20', 1 "=50',1 "=100', or 1"=200' and contain a north arrow and graphic scale. All drawings shall be on 24" x 36" sheets.
- ☐ The site plan shall illustrate existing natural and man-made features including but not limited to proposed contour lines at one (1) foot intervals after excavation, water courses, water bodies, wetlands, vegetative communities and concentrations, streets, utility lines, location and type of wells, septic tanks, drain fields, chemical\fuel storage tanks (surface and subsurface), easements, and similar physical features of the site.
- ☐ Site plan shall show all areas to be reclaimed by depicting and/or describing what man-made and natural features will exist when the reclamation plan is completed.
- ☐ Site plan shall illustrate at least two (2) typical cross sections generally oriented north to south and east to west, showing areas to be filled, backfilled, reconstructed, and/or reshaped. Water elevation shall also be shown when a lake creation is proposed.
- ☐ Site plan shall depict the area to become a lake for all lake creations.
- ☐ Site plan shall document the type and location of vegetation to be planted including but not limited to grass(es), tree(s), and shrub(s). Documentation of methods to control erosion must also be submitted.

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☐ 2. Applicant to provide evidence of ownership (Deed)

- ☐ a. The applicant shall obtain the written consent of all mortgagees and/or other interest holders, (i.e., easements, liens, etc.), submit with application. (1 original and 1 copy)
- ☐ b. A current (no more than 60 days old) Ownership and Encumbrance (O&E) Report, including all affected instruments as noted in the O&E must be submitted. (1 original and 1 copy)
- ☐ c. The O&E Report shall reflect proof of ownership or easement for proposed haul route access road.

☐ 3. Additional items applicant is to attach or provide:

- ☐ a. List of all owners of property, including tax folio numbers and addresses, within four hundred (400) feet of the perimeter of the proposed land excavation site. (Public rights-of-way and water bodies less than 1000 feet in width as measured at the site, shall be excluded in calculating notification distances). The names, addresses, and tax folio numbers of all such owners shall be obtained by reference to the latest ad valorem tax records.
- ☐ b. Nematode Affidavit provided as acceptable evidence to ensure the removed soils will not be used within one hundred (100) feet of a commercial citrus grove, citrus nursery, or any nursery site approved for producing burrowing nematode certified stock without the prior approval of the Division of Plant Industry or certification that the soils are free of burrowing nematodes as required by Chapter 581.011, Florida Statutes, and Chapter 5B-44, Florida Department of Agriculture and Consumer Service, Rules and Regulations.
- ☐ c. A description of the quality of water to be found in the land excavation after completion of the operation. This statement shall indicate whether or not the water will be fresh, brackish, or saline and shall also indicate whether or not there will be a change from the quality of water in the land excavation originally.
- ☐ d. Hydrologic impact analysis report, unless a Water Use Permit is obtained from the Southwest Florida Water Management District prior to the issuance of the County's excavation permit.
- ☐ e. Financial Security amount certified by a Landscape Architect or Engineer registered in the State of Florida.
- ☐ f. Irrevocable License to reclaim.
- ☐ g. Each application shall be accompanied by the required fee established by resolution of the Board.
- ☐ h. The application shall contain an affidavit signed by the owner stating that the reclamation plan shall be completed pursuant to the requirements of Section 8.01.00 of the LDC.
- ☐ i. Reclamation plan in accordance with Section 8.01.00 of the LDC.
- ☐ j. The land excavation permit application shall also contain all requisite data and/or graphics to comply with Section 8.01.00 of the LDC if not already required in the items above.

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# Land Excavation Operating Permit Application

I HEREBY CERTIFY that this application, as well as any plans submitted herewith, are a true representation of all facts concerning proposed land excavation activity(ies). This application is made with my approval as Owner or Authorized Agent for the Owner, as evidenced by my signature below. FOR THE DURATION OF THE PERMIT, IF ISSUED, I ASSUME LEGAL RESPONSIBILITY FOR ANY AND ALL VIOLATIONS OF HILLSBOROUGH COUNTY LAND DEVELOPMENT CODE ON THE PROPERTY DESCRIBED ON THIS APPLICATION.

Owner or Agent Signature

Printed Name of Owner or Agent

Date Signed

Title

**OWNER ACKNOWLEDGEMENT (INDIVIDUAL)**

STATE OF FLORIDA
COUNTY OF HILLSBOROUGH

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this

_____day of_____, _____, by_____.
(day) (month) (year) (name of person acknowledging)

☐ Personally Known OR ☐ Produced Identification

(Signature of Notary Public - State of Florida)

Type of Identification Produced

(Print, Type, or Stamp Commissioned Name of Notary Public)

(Commission Number) (Expiration Date)

**REPRESENTATIVE ACKNOWLEDGEMENT (CORPORATE)**

STATE OF FLORIDA
COUNTY OF HILLSBOROUGH

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this

_____day of_____, _____, by_____
(day) (month) (year) (name of person acknowledging)

as_____for_____.
(type of authority,e.g. officer, trustee, attorney in fact) (name of party on behalf of whom instrument was executed)

☐ Personally Known OR ☐ Produced Identification

(Signature of Notary Public - State of Florida)

Type of Identification Produced

(Print, Type, or Stamp Commissioned Name of Notary Public)

(Commission Number) (Expiration Date)