

Orange County

Environmental Protection Division

2002 East Michigan Street
Orlando, Florida 32806-4999
Telephone (407) 836-7400

Application For A Permit To Dispose Of Domestic Wastewater Residuals

Section 1. Instructions

- (1) This form is an application for consideration, by the Department, of the intended normal disposal activities of domestic wastewater residuals. All disposal activities shall be pursuant to The State of Florida and Orange County rules and regulations. A separate application must be completed for each disposal area.
- (2) All applicable items must be completed in full in order to avoid delay in processing of this application. Where attached sheets (or other technical documentation) are utilized in lieu of the blank space provided, indicate appropriate cross-reference in the space and provide a copy to the Department. Note that if part(s) of this application do not apply, those part(s) of the form need not be executed. Furthermore, submission of this application is authorization for Department personnel to enter and inspect the proposed disposal area prior to issuance of a permit.
- (3) All information is to be typed or printed in ink.
- (4) Dates are to be entered in MM/DD/YR format.
- (5) two (2) copy's of this application (with supporting information) and a check in the amount established by the Department for the application fee, in accordance with Chapter 15, Orange County Code, made payable to the Board of County Commissioners, shall be submitted with this application.
- (6) No disposal activities shall be conducted until the completed application and supporting documentation has been reviewed, an on site inspection of the proposed application site conducted by Department personnel, and a permit issued by the Environmental Protection Department.

Section 2. Residuals Generator Information

- (1) Residuals Generator:

Facility Name: _____

Address: _____

Contact Person and Title: _____

Phone Number: _____

(2) Type of Residuals Generated:

Domestic Wastewater Treatment Residuals

- (a) _____
- (b) _____ Domestic Septage
- (c) _____ Food Service Residuals
- (d) _____ Other: (Please Describe) _____

(3) Residuals Characteristics:

Nitrogen Concentration	_____ %	(dry weight)
Heavy Metals:		
Arsenic	_____ mg/kg	(dry weight)
Cadmium	_____ mg/kg	(dry weight)
Copper	_____ mg/kg	(dry weight)
Chromium	_____ mg/kg	(dry weight)
Lead	_____ mg/kg	(dry weight)
Mercury	_____ mg/kg	(dry weight)
Molybdenum	_____ mg/kg	(dry weight)
Nickel	_____ mg/kg	(dry weight)
Selenium	_____ mg/kg	(dry weight)
Zinc	_____ mg/kg	(dry weight)

Last analysis date: ____ / ____ / ____ (Attach all analyses taken within the last year.)

(4) Stabilization class provided: A _____ B _____ C _____

Process description: _____

(5) Residuals Application Rate:

Show calculations here, or attach additional sheets if necessary, for nitrogen loading* and metals site life. All values shall be recorded in pounds per acre.

*Note: Notwithstanding the applicable agronomic rate approved by the State, in no event shall

the maximum annual application rate of total nitrogen exceed five hundred (500) pounds per acre during any twelve month period.

Section 3. Residuals Disposal Site Information

(1) Site Location:

Site Name: _____

Address: _____

Owner and/or Manager: _____

Map Coordinates:

Section _____ Township _____ Range _____

(2) Total acres of Site _____

Actual acres to be utilized _____

(3) Soil pH and supporting documentation _____

(4) Attach a map/schematic, and two copies of appropriate scale with the names and mailing address of the owner or authorized agent of abutting properties. As well as the names and address of the owner or authorized agent of all buildings within 1,000 feet of the lot or parcel whereon residuals application is proposed. The following information should also be indicated on the map.

- (a) Location of wells of any kind on the site or adjacent to the site.
- (b) Surface waters on the site or adjacent to the site.
- (c) Location of all dry bottom swales on the site.
- (d) Location of any sink holes surface fractures or other direct conduit to the aquifer on the site or adjacent to the site.
- (e) Location of any public properties within 1,000 feet of the site.
- (f) If the site is a multiple residuals site indicate on the map the location where each class of residuals will be disposed of.

The boundary of the land application area and all applicable setbacks shall conform to the Orange County Wastewater Residuals Disposal Ordinance.

(5) Soil survey information should be attached that demonstrates that the seasonal high ground water is not within 2 feet of the ground surface. If the seasonal high ground water level will be within 2 feet of the surface or is undetermined, the site will not be permitted for application of residuals during that seasonal period.

(6) Attach a USGS or other suitable topographic map to demonstrate that the site slopes do not exceed 8 percent. If slopes exceed 2 percent, attach a Conservation Plan prepared by or approved by the Soil Conservation Service or a stormwater management plan prepared in accordance with the provisions of Chapter 17-25, F.A.C.; by an engineer registered in Florida. The plan shall demonstrate that suitable soil infiltration rates and stormwater control measures exist at the site to retain run-off generated by a storm up to a 10-year, 1-hour event.

Do slopes exceed 8 percent? _____yes _____no
Do slopes exceed 2 percent? _____yes _____no

(7) Will residuals be temporarily stored at the application site?_____ yes_____no, if yes, indicate the location of storage facilities and describe provisions for storage.

(8) List the names of other companies that will be disposing of residuals on this site.

(9) A copy of one or more of the following is required, as may be applicable pursuant to Chapters 17-640 or 10-D-6, F.A.C.:

- (a) Copy of DEP/HRS "Agricultural Use Plan"; or
- (b) Copy of DEP/HRS "Dedicated Site Plan"; or
- (c) Copy of DEP/HRS "Construct/Operate Lime Stabilization Facility Permit".

(10) A letter from the land owner authorizing domestic waste-water residuals application on his/her property and granting access to county employees for inspection.

(11) An irrevocable letter of credit, unless previously submitted, in the amount of five-thousand dollars (\$5,000.00).

(12) Proof of fifty-thousand dollars (\$50,000.00) liability insurance, evidenced by a certificate of insurance requiring thirty days notice to the County in the event of cancellation, for domestic wastewater residual hauler.

(13) The applicant shall provide written assurance that the owner of property abutting the lot or parcel whereon land application of domestic wastewater residuals is proposed, or other authorized agents, have been notified via certified mail by the applicant. If the proposed application site boundary is less than 1,000 feet from the abutting property lines, all owners or occupants of buildings within 1,000 feet of the application site, or their authorized agents shall be notified of the proposed activity. Furthermore, notice of the proposed landspreading shall be posted at all entrances to the proposed land application site.

Section 4. Lime Stabilization Information

- (1) Type of tank(s) to be used:
 - (a) Steel _____
 - (b) Cast _____
 - (c) Fiberglas _____
 - (d) Other _____Explain _____
- (2) Total capacity of tank(s): gal.
- (3) Type of mixing to be used:
 - (a) Air _____
 - (b) Mechanical _____
 - (c) Other _____Explain _____
- (4) Type of stabilization to be used:
 - (a) Lime _____
 - (b) Biological _____
 - (c) Other _____Explain _____
- (5) Type of residuals to be stabilized:
 - (a) Septage _____
 - (b) Food Service _____
 - (c) W.W.T.P. _____
 - (d) Other _____Explain _____
- (6) Will the facility produce an effluent? _____ yes _____ no
- (7) Indicate in detail the location/address of the stabilization facility:

(8) Any facility that shall utilize biological stabilization or produce an effluent that has potential to enter ground waters must first be approved by the Department. These facilities may require an FDEP and Orange County Wastewater Treatment Facility Construction Permit. All permits required by any agency, municipality or government must be attached to this application.

Section 5. Certification

I certify that the statements made in this application for a domestic wastewater disposal site permit are true, correct and complete to the best of my knowledge and belief. I agree to operate and maintain this domestic wastewater disposal site in such a manner as to comply with the provisions of Chapter 403, F.S.; Chapter 17-640, F.A.C.; Chapter, 10-D-6; F.A.C., Chapter 37, Article XVI; Orange County Code and other applicable rules of the Department. If a permit is granted I agree to promptly notify the Department upon sale, abandonment or inactivation of the site.

Note: Landowners or agents must exercise sufficient control over the operation to insure that run-off, nuisance or health problems do not occur.

Landowners or agents are responsible for pollution or health hazards resulting from the application of domestic wastewater residuals on their land.

_____ / ____ / ____ _____
Application Site Owner Date Phone Number

_____ / ____ / ____ _____
Residuals Land Applicator Date Phone Number

Residuals Land Applicator O.C.H.D. #

_____ / ____ / ____ _____
Residuals Generator Date Phone Number