

INSTRUCTIONS TO APPLY FOR A LANDFILL PERMIT

I. General

Private Landfill Facilities in the areas of Orange County that are not within the boundaries of any municipality shall be permitted pursuant to the Orange County Ordinance 99-16 approved on June 29, 1999, known as the "Solid Waste Management Ordinance". Six copies of the application shall be submitted to the Orange County Environmental Protection Division (EPD). The appropriate fee shall be submitted with the application by check made payable to the Orange County Board of County Commissioners.

Complete all sections for the type of facility for which the application is made. Entries shall be typed. All blanks shall be filled in or marked "not applicable" or "no substantial change". Information provided in support of the application shall be marked "submitted" and the location of this information in the application package indicated. The application shall include all information, drawings, and reports necessary to evaluate the facility. Information required to complete the application is listed on this form.

II. Application Codes

S	-	Submitted
Location	-	Physical location of information in application
N/A	-	Not Applicable
N/C	-	No Substantial Change

III. Listing of Application Parts

Part A-	General Information
Part B-	Landfill Facility General Information
Part C-	Landfill Permit General Requirements
Part D-	Certification by Applicant and Engineer

**ORANGE COUNTY ENVIRONMENTAL PROTECTION DIVISION
APPLICATION FOR PERMIT TO CONSTRUCT / OPERATE, MODIFY OR CLOSE
A LANDFILL**

A. General Information

1. Type of landfill:
Class I _____ Class III _____
Class II _____ Construction and Demolition Debris (C&D) _____

2. Type of application:
Construction / Operation _____
Closure _____

3. Classification of application:
New _____ Substantial Modification _____
Renewal _____ Minor Modification _____

4. Facility name: _____

5. EPD permit number: _____

6. Facility location (main entrance): _____

7. Location Coordinates:
Section: _____ Township: _____ Range: _____
UTMs: Zone _____ km E _____ km N
Latitude: ____° ____' ____" Longitude: ____° ____' ____"

8. Applicant name (Operating Authority): _____

Mailing address: _____

Contact person: _____ Telephone: () _____
Title: _____

9. Authorized agent / Consultant: _____
Mailing address: _____

Contact person: _____ Telephone: () _____
Title: _____
10. Landowner (if different from applicant): _____
Mailing address: _____

Contact person: _____ Telephone: () _____
11. Cities, towns, and areas to be served: _____

12. Population to be served:
Current: _____ Five year projection: _____
13. Volume of solid waste to be received: _____ yds³ / day tons / day
14. Date site will be ready to be inspected for completion: _____
15. Estimated life of the facility: _____ years
16. Estimated costs:
Total construction: \$ _____ Closing Costs: \$ _____
17. Anticipated construction starting and completion dates:
From: _____ To: _____

B. Landfill Facility General Information

1. Provide a brief description of the landfill facility design and operation planned by this application: _____

2. Facility site supervisor: _____
Title: _____ Telephone: () _____
3. Disposal area (in acres):
Total: _____ Used: _____ Available: _____
4. Haul Route: _____

5. Paved access: Yes _____ No _____
6. Weighing scales used: Yes _____ No _____
7. Security chain link fence (minimum 6 feet tall), with locking gates, around the site to prevent unauthorized use:
Yes _____ No _____
8. Charge for waste received: _____ \$ / yds³ _____ \$ / ton
9. Surrounding land use, zoning:
Residential _____ Industrial _____
Agricultural _____ None _____
Commercial _____ Other _____
10. Approval from the Orange County Development Review Committee:
Yes _____ No _____
11. Zoning special exception allowing the landfill recommended by the Board of Zoning Adjustment and Appeals (BZA):
Yes _____ No _____

12. List the type of waste received: _____

13. Salvaging permit: Yes _____ No _____
14. Landfill personnel:
 Attendant: _____ Trained operator: _____
 Spotters: _____ Number of spotters used: _____
15. Site located in: Floodplain ___ Wetlands ___ Other _____
16. Property recorded as a Landfill Site in Orange County Land Records:
 Yes _____ No _____
17. Days of operation: _____
18. Hours of operation: _____
19. Days working face covered: _____
20. Elevation of water table: _____ feet NGVD
21. Estimated seasonal high water table elevation: _____ feet NGVD
22. Monitoring wells:
 Surficial aquifer:
 Number of up-gradient: _____ Number of down-gradient: _____
 Intermediate aquifer:
 Number of up-gradient: _____ Number of down-gradient: _____
 Floridian aquifer:
 Number of up-gradient: _____ Number of down-gradient: _____
23. Number of surface water monitoring points: _____
24. Gas controls used: Yes _____ No _____
 Active: _____ Passive: _____ Gas flaring: _____ Gas Recovery: _____

25. Landfill unit – liner type:

Natural soils:	_____	Double geomembrane:	_____
Single clay:	_____	Geomembrane & composite:	_____
Single geomembrane:	_____	Double composite:	_____
Single composite:	_____	None:	_____
Slurry wall:	_____		
Other:	_____		

26. Leachate collection method:

Collection pipes:	_____	Sand layer:	_____
Geonets:	_____	Gravel layer:	_____
Well points:	_____	Interceptor trench:	_____
Perimeter ditch:	_____	None:	_____
Other:	_____		

27. Leachate storage method:

Tanks:	_____	Surface impoundment:	_____
Other:	_____		

28. Leachate treatment method:

Oxidation:	_____	Chemical Treatment:	_____
Secondary:	_____	Settling:	_____
Advanced:	_____	None:	_____
Other:	_____		

29. Leachate disposal method:

Recirculated	_____	Pumped to WWTP:	_____
Transported to WWTP	_____	Discharge to surface water:	_____
Injection well:	_____	Evaporation:	_____
Other:	_____		

30. For leachate discharged to surface waters:
 Name and Class of receiving water: _____

31. Stormwater:
 Collected: Yes ___ No ___ Type of Treatment: _____

32. Management and Storage of Surface Water (MSSW) Permit number or status: _____

S	Location	N/A	NS/C	Landfill Permit General Requirements
				1. Six copies of the completed application form, all supporting data and reports.
				2. Engineering and/or professional certification (signature, date and seal) provided on the applications and all engineering plans, reports and supporting documentation for the application.
				3. A letter of transmittal to EPD.
				4. A completed application form dated and signed by the application.
				5. Permit fee specified in Ordinance XX-XX in check or money order, payable to the Board of County Commissioners.
				6. Orange County Development Review Committee (DRC) review and recommendations.
				7. Orange County Board of Zoning Adjustment and Appeals (BZA) special exception evaluation and recommendations.
				8. Certified current topographic survey as in Section 32-215(a)(4).
				9. Certified boundary survey and legal description.
				10. Proof of ownership of property.
				11. An engineering report addressing the requirements of the "Solid Waste Management Ordinance".
				12. Engineering plans indication the following:
				a. Liner and liner system design in accordance with Section 32-216.
				b. Leachate collection and removal system in accordance with Section 32-216.
				c. Leachate treatment system design or contract with an offsite wastewater treatment plan to treat the leachate, with proof of capacity to treat such type of liquid waste.
				d. Proposed final grade at on-foot contour intervals.
				e. Design of ancillary facilities/operations.
				f. Stormwater Management Plan as per Section 32-215(a)(7)(f).
				g. Zoning of property and adjacent properties.
				h. Landscape buffer plan.
				i. Reclamation plan.
				j. Setback and access control.
				k. Final closure plan.
				l. Description of proposed final use of landfill property.
				m. Plans for long term care of the site.

S	Location	N/A	NS/C	Landfill Permit General Requirements
				13. Soil boring logs and reports.
				14. Hydrogeological assessment of the site.
				15. Groundwater monitoring plan.
				16. Proposed fee schedule.
				17. Proposed hours of operation
				18. Proposed method of quantifying waste.
				19. Proposed source of cover materials.
				20. Map or aerial photograph of the area showing land use and zoning within one (1) mile of the boundaries of the site (no older than one year of the permit application). Shall be a sufficient scale to show all residences, industrial buildings, watercourses, road and other details. Applicant shall show approximate location of all possible potable water wells.
				21. Evidence of financial responsibility.
				22. Litter control plan.
				23. Waste stream quality control plan.
				24. Gas monitoring and control plan.
				25. Demonstration of need.
				26. Operation plans for the facility and ancillary operations.
				27. Description of how the facility will comply or will be in accordance with the State and County recycling goals and policies.
				28. Fire fighting agreement signed by the solid waste management facility operator and the Orange County Fire Chief.
				29. Application for waiver, if applicable.

D. Certification by Applicant and Engineer

A. Applicant:

The undersigned applicant or authorized representative of _____
_____ is aware that statements made in this form and
attached information are an application for a _____
Permit from the Orange County Environmental Protection Division and certified that the
information in this application is true, correct and complete to the best of his knowledge
and belief. Further, the undersigned agrees to comply with the provisions of the Orange
County Code, Florida Statutes, and all applicable rules and regulations of the
Environmental Protection Division. It is understood that the Permit is not transferable,
and the Division will be notified prior to the sale or legal transfer of the permitted
facility.

Signature of Applicant or Authorized Representative

Name and Title

Date

B. Professional Engineer Registered in Florida

This is to certify that the engineering features of this solid waste management facility
have been designed / examined by me and found to conform to engineering principals
applicable to such facilities. In my professional judgment, this facility, when properly
maintained and operated, will comply with all applicable parts of the Orange County
Code, State of Florida Statutes, and rules and regulations of the Environmental Protection
Division. It is agreed that the undersigned will provide the applicant with a set of
instructions of proper maintenance and operation of the facility.

Signature

Mailing Address

Name and Title

City, State, Zip Code

Florida Registration Number
(please affix seal)

(_____) _____
Telephone Number

Date