

**SOLID WASTE MANAGEMENT FACILITY  
CLOSURE COST ESTIMATING FORM**

**FOR SOLID WASTE DISPOSAL FACILITIES**

Environmental Protection Division  
3165 McCrory Place, Suite 200  
Orlando, Florida 32803  
Ph 407.836.1400; Fax 407.836.1499

[www.ocfl.net](http://www.ocfl.net)



**GENERAL REQUIREMENTS:**

Solid Waste Management Facilities in Orange County shall be permitted pursuant to Orange County Code Chapter 32, Article V, the "Solid Waste Management Ordinance." In accordance with Section 32-216, the applicant/operator shall estimate the total cost of closure and post-closure care of the solid waste management facility using a third-party. The written estimate shall be for the time period in the solid waste management facility operation when the extent and manner of its operation make closing most expensive. The applicant/permittee shall submit the written cost estimates, together with all necessary justifications, to the EPD Manager for review. Cost estimates should be revised at least annually and also whenever changes in design or operation would cause a revised cost estimate to exceed the amount available through the financial assurance mechanism.

Submit a complete closure cost estimate that meets the requirements of [Orange County Code](#) Chapter 32, Article V, and when applicable Rule 62-701.630 [Florida Administrative Code](#). This form does not supersede the requirements of Chapter 32 Article V.

**INSTRUCTIONS:**

Complete this form and include all additional information, drawings, and reports necessary to evaluate the facility cost estimate. Submittals must be signed and sealed by a professional registered (State of Florida) engineer, geologist or land surveyor, as appropriate. All entries must be legible by County staff by being type-written or printed in ink.

**1. Facility:**

Name: \_\_\_\_\_

Address/Location: \_\_\_\_\_

Parcel IDs: \_\_\_\_\_

Applicant/Operator: \_\_\_\_\_

EPD Permit #: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

FDEP Permit #: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**2. Total disposal unit acreage included in this estimate:**

Closure: \_\_\_\_\_ acres Long-Term Care: \_\_\_\_\_ acres

**3. Attach a site plan showing the size and location of area(s) already closed, area(s) to be impacted, any steeper than 5H:1V sloped areas, and other relevant features covered by this estimate.**

**A. ESTIMATED CLOSING COST - ORANGE COUNTY SUPPLEMENT**

1. Provide supporting narrative, calculations, and quotes for each item as necessary.
2. Complete and attach [FDEP Form 62-701.900\(28\)](#), Section IV
  - a. Unit cost estimates, particularly for soils, will require supporting references or quotes, for use by the County.
  - b. If proposing to use onsite soils, sufficient soils with the required performance characteristics must be available, and must be committed to the County, by the owner, for use if necessary. See also FAC 62-701.630(3)(d).
  - c. Where slopes are steeper than 5H:1V, use 3-D surface area (rather than 2-D projection).
  - d. Item 4 "Top Soil Cover." If using onsite soils, include a cost for excavation and relocation onsite as "Delivery."
  - e. Item 6 "Stormwater Control System." Include a cost to place sod along the pond banks.
3. Complete all items in the table below, or explain where an item has already been included (e.g. FDEP Form Item 13 "Site Specific Costs").

Description	Unit	Number of Units	Cost / Unit	Cost
<b>14. Miscellaneous</b>				
Landscape Trees	EA			
Irrigation Supply & System	LS			
FDEP Closure Permit	LS	1.0		
			1.0	
			1.0	
Subtotal Miscellaneous				
Subtotal Orange County Supplement (Item 14)				
From FDEP Form 62-701.900(28), Section IV. - Total Estimated Closing Cost				
<b>ESTIMATED ORANGE COUNTY TOTAL CLOSING COST</b>				

**B. ESTIMATED ANNUAL COST FOR LONG-TERM CARE – ORANGE COUNTY SUPPLEMENT**

1. Provide supporting narrative, calculations, and quotes for each item as necessary.
2. Complete and attach [FDEP Form 62-701.900\(28\)](#), Section V.
  - a. Unit cost estimates, particularly for soils, will require supporting references or quotes, for use by the County.
  - b. If proposing to use onsite soils, sufficient soils with the required performance characteristics must be available, and must be committed to the County, by the owner, for use if necessary. See also FAC 62-701.630(3)(d).
  - c. Item 8 “Landscape Maintenance.” Include cover, pond banks, and landscaped setback areas, typically 4 times/year.
  - d. Item 10 “Erosion Control and Cover Maintenance.” Reviewers utilize the following simplification as an initial basis for evaluating reasonableness: 3% of cap areas with slopes steeper than 5H:1V; 0.5% of cap areas with slopes 5H:1V or flatter.
3. Complete all items in the table below, or explain where an item has already been included (e.g. FDEP Form Item 16 “Site Specific Costs”).

Description	Frequency (Events / Year)	Number of Wells	(Cost / Well) / Event	Annual Cost
<b>17. Water Quality Monitoring</b>				
Renewal (FL DWS, App II)	0.2			
	<b>Unit</b>	<b>Number of Units</b>	<b>Cost / Unit</b>	<b>Annual Cost</b>
<b>18. Miscellaneous</b>				
Landscape Tree Replacement	EA			
Topographical Survey	LS			
FDEP Long-Term Care Permit	LS	0.2		
Subtotal Miscellaneous				
Subtotal Orange County Supplement (Items 17-18)				
From FDEP Form 62-701.900(28), Section V. - Annual Long-Term Care Costs:				
<b>ESTIMATED ORANGE COUNTY ANNUAL LONG-TERM CARE COST</b>				
<b>Number of Years of Long-Term Care Remaining</b>				x
<b>ESTIMATED ORANGE COUNTY TOTAL LONG-TERM CARE COST</b>				

4. Note: in accordance with 32-216(a)(32)d. sites that have ponds with side slopes steeper than 5H:1V must commit to maintain perpetual access control through fencing, or else include funds to flatten pond slopes, as a fixed cost at the end of long-term care.

**C. CERTIFICATION BY ENGINEER**

This is to certify that the Cost Estimates pertaining to the engineering features of this solid waste management facility have been examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and/or long-term care of the facility and comply with the requirements of Article V Chapter 32 Orange County Code, Rule 62-701.630 F.A.C. and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Cost Estimates shall be submitted to the Division annually, revised or adjusted as required by Section 32-216 Orange County Code and Rule 62-701.630(4), F.A.C.

---

Signature

---

Mailing Address

---

Name and Title (please type)

---

City, State, Zip Code

---

Date

---

E-mail address (if available)

---

Florida Registration Number

---

Telephone Number

(please affix seal)

**D. SIGNATURE BY OWNER/OPERATOR**

---

Signature of Applicant or Agent

---

Mailing Address

---

Name and Title (please type)

---

City, State, Zip Code

---

E-mail address (if available)

---

Telephone Number

---

Date

**E. REFERENCE PRICE LIST**

Note:

1. Unit costs from a prior year should be inflation adjusted before use.

---

**Current Third-Party Quotes**

---

**Orange County Term Contracts**

<http://apps.ocfl.net/OrangeBids/Termcontracts/listtermcontract.asp>

e.g. Fill Dirt, Natural Sand, Mowing, etc.

---

**FDOT Specifications and Estimates**

Historical Item Average Costs Reports

<http://www.fdot.gov/programmanagement/estimates/historicalcostinformation/historicalcost.shtm>

Area 8 - including Orange County

---

**Construction Cost Estimating Data**

RS Means or similar

<https://www.rsmeans.com/>

CLOSURE COST ESTIMATING FORM FOR A SOLID WASTE MANAGEMENT FACILITY PERMIT

Attachment I  
FDEP Form 62-701.900(28)  
“CLOSURE COST ESTIMATING FORM FOR SOLID WASTE FACILITIES”

Available from the FDEP website at:

<http://www.dep.state.fl.us/>

<https://floridadep.gov/waste/content/forms-chapter-62-701-solid-waste-management-facilities>