

Part III
D. Financial Assurance

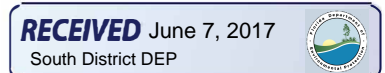


Part III

D. Financial Assurance

The closure cost estimate for the WTPF is based on the permitted quantity of tires allowed on site and is presented in Attachment D-1. Third-party cost estimates were obtained for the hauling and disposal costs of the tires and are presented in Attachment D-2.

Proof of financial responsibility is not included with this permit application. The WTPF is part of the Sarasota CCSWDC (WACS ID 51614), a permitted landfill meeting the requirements of Rule 62-701.630, FAC. In accordance with Rule 62-711.500(3)(b), FAC, the WTPF is not required to submit separate financial assurance documents. The current WTPF closure cost in the CCSWDC approved cost estimate is \$123,869 based on the September 2013 cost estimate and subsequent inflation factor adjustments through 2017. This is less than the updated cost provided in Attachment D-1 of \$153,450. The higher closure cost estimate presented here will be included in the next Financial Assurance Cost Estimate (FACE) for the CCSWDC which will be submitted to FDEP later this year.



Attachment D-1
Closure Cost Calculation

RECEIVED June 7, 2017
South District DEP





PROJECT NUMBER: 19006-054-01
 PROJECT NAME: Sarasota County WTPF Permit Renewal
 SUBJECT: Closure Cost Calculations
 BY: J. Toms DATE: 5/11/2017
 CHECKED BY: G. Reinhart DATE: 5/17/2017

OBJECTIVE: Calculate closure costs for a Waste Tire Processing Facility

GIVEN:

Description	Quantity	Unit	Reference
Storage Area Dimensions	180 x 50	feet	Site plan
Maximum tire pile height	15	feet	Facility Permit
total amount of tires stored at facility	500	tons	Facility Permit
conversion	100	tires/ton	DEP form 62-701.900(22)
conversion	10	tires/yd ³	DEP form 62-701.900(22)
Tire disposal fee	130	\$/ton	Attachment D-2
Tire hauling cost	435	\$/30yd ³	Attachment D-2

CALCULATIONS:

Verify storage area is of sufficient size:

$$\text{Storage area volume} = 180 \text{ ft} \times 50 \text{ ft} \times 15 \text{ ft} = 135,000 \text{ ft}^3$$

$$\text{Total tires that can be stored on site} = 135,000 \text{ ft}^3 \times \frac{1 \text{ yd}^3}{27 \text{ ft}^3} \times \frac{10 \text{ tires}}{\text{yd}^3} \times \frac{1 \text{ ton}}{100 \text{ tires}} = 500 \text{ tons}$$

Facility has sufficient space to store 500 tons of whole tires.

Calculate Disposal Cost:

$$= 500 \text{ tons} \times \frac{\$130}{\text{ton}} = \$65,000$$

Calculate Hauling Cost:

$$= 500 \text{ tons} \times \frac{100 \text{ tires}}{\text{ton}} \times \frac{\text{yd}^3}{10 \text{ tires}} \times \frac{\$435}{30 \text{ yd}^3} = \$72,500$$

Calculate Total Facility Closure Cost:

Total Tire disposal Cost =	\$	137,500	
Facility cleanup cost =	\$	2,000	(based on 40 hours at \$50/hour)
10% contingency =	\$	13,950	
Total Facility Closure Cost =	\$	153,450	

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Attachment D-2

References



Solid Waste > Zemel Road Landfill > Landfill - Tipping Fees

Tire Disposal Fee

- > **County Residents:** \$36 **per ton** Minimum charge: \$5
- > **Out-of-County:** \$72 **per ton** Minimum charge: \$17
- > **Tires:** In-County \$115 **per ton** Out-of-County: \$130 **per ton**
- > **Asbestos:** \$100 **per ton**
- > **Special Handling:** \$50 **per event**
- > **Account Application:** Call 941.764.4360

FOR COMMERCIAL HAULERS OF CONSTRUCTION DEMOLITION DEBRIS

In an effort to monitor out-of-county waste, the Landfill will now be requiring that haulers disposing of construction and demolition debris have a **building permit number** or **address of the location** that they are hauling the above material from.

The Scale house Attendants will use the Charlotte County's Building Department permitting software to look up the permit to verify that the waste is from Charlotte County.

If the hauler does not have this information then they will be charged the out-of-county waste rate of \$72 per ton.



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South District DEP



Jeremy K. Toms

From: Jason Timmons <jtimmons@scgov.net>
Sent: Friday, June 02, 2017 12:34 PM
To: George Reinhart; Jeremy K. Toms
Subject: FW: Quote Request - WM Rolloff

Hauling cost: \$435 / 30CY

George and Jeremy:

Please see quote below from WM to replace the quote from Roots for the WTPF financial assurance costs. Total cost is \$435 per 30 cy container.

Thank you.

Jason

Jason Timmons, P.E.

Sarasota County Public Utilities | Solid Waste Engineer

office: 941-861-1572
cell: 941-400-2370
email: jtimmons@scgov.net

4000 Knights Trail Road, Nokomis, FL 34275

All communications sent to and from Sarasota County Government are subject to the public records law of Florida.

From: Brian Usher
Sent: Friday, June 02, 2017 11:45 AM
To: Jason Timmons
Subject: RE: Quote Request - WM Rolloff

Quote is below.

Brian Usher
Sarasota County Solid Waste
Desk: (941) 861-1532
Cell: (941) 650-8078

From: Weishaar, Missy
Sent: Friday, June 2, 2017 10:45 AM
To: Dailey, John <jdailey1@wm.com>
Subject: RE: Quote Request - WM Rolloff

Here is a quote to forward over to them. We do not have 40yds. We would use a 30yd open top.

- **47 min** (49.3 miles)-one way travel-via car, (2.5 hours with picking up container, dumping it and back)

- (\$285.00/for the long haul). No additional fuel.
- \$150.00/delivery per container

Thanks,

Missy Weishaar
Territory Manager
Manatee & Sarasota County
mweishaar@wm.com

Waste Management
6120 21st St E
Bradenton, FL 34203
Tel 941 809 7271

Feel free to call our Builder's Direct Desk for all of your temporary roll-off service needs at 1-877-421-1010 or email them at FLBuildersDirect@wm.com. Please check out Waste Management's new Mobile App. Its easy and convenient. Our local customer service for commercial front-load customers is 941-493-4100.

From: Jason Timmons
Sent: Thursday, June 1, 2017 4:11 PM
To: Brian Usher
Subject: Quote Request - WM Rolloff

Brian:

We would like to get a quote from WM by Monday morning if possible for delivery of a 40 cy container to the Central County Solid Waste Disposal Complex tire collection site and then hauled full with tires to the Charlotte County Landfill on Zemel Road (approximately 50 miles) for disposal. Disposal fee to not be included in price only delivery of container and transport to the landfill.

Please let me know if any other info is needed.

Thank you.

Jason

Jason Timmons, P.E.
Sarasota County Public Utilities | Solid Waste Engineer

office: 941-861-1572
cell: 941-400-2370
email: jtimmons@scgov.net

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