

SECTION 4
REVISED CLOSURE
ESTIMATE

WASTE TIRE PROCESSING FACILITY PERMIT APPLICATION

**TAFT TRANSFER STATION AND
MATERIAL RECOVERY FACILITY
375 WEST 7TH STREET, ORLANDO, FLORIDA**

**FDEP PERMIT NO. SO48-0173968-007
OCEPD NO. SW-022429-MRF/TS-06/0605**

Prepared For:

**Taft Recycling, Inc.
375 West 7th Street
Orlando, FL 32824**

Prepared By:



**100 East Pine Street, Suite 605
Orlando, FL 32801
FBPE No. 9915**

HSA Golden Project No.: 06-404.010

October 2009

**TAFT TRANSFER STATION AND MATERIAL RECOVERY FACILITY
CALCULATIONS, ASSUMPTIONS AND SUPPORTING INFORMATION
CLOSURE COST ESTIMATE FOR FINANCIAL ASSURANCE**

October 21, 2009

The closure cost estimate shown on Table 1 (attached) is based on the table of Material Disposition, Appendix B, Operation Plan. The closure cost estimate includes the cost of loading, transporting, and disposal of the maximum on-site storage of recyclable materials which may be at the Facility at any time. The estimate considers a third party performing the work and is signed and sealed by a registered professional engineer. The assumptions and supporting documentation used to prepare the closure cost estimate in Table 1 are summarized below.

- Loading of Class I, III, C&D and non-processed/non-baled recyclable materials provided by ERC General Contracting Services, Inc.
- Transport of Class I, III, C&D and non-processed/non-baled recyclable materials provided by C&W Hauling
- Loading, transport and end disposal of processed/baled cardboard, aluminum, glass, plastic, metal and paper was assumed at the Orange County Landfill. Although these materials would likely have commodity value, a worst case assumption was made in the closure cost estimate to allow for disposal.
- Disposal rates for Class I, III, C&D and non-processed/non-baled recyclable materials provided by Orange County Landfill. The Orange County Landfill is the closest facility that could accept these types of wastes.
- Transport and recycling of whole tires quoted by RMD Americas of Florida, LLC, RMD will transport and recycling whole tires at the rate provided. Loading of whole tires from roll-off containers to RMD's trucks will be completed by ERC General Contracting Services, Inc. at the rate provided.
- Processed tires and residuals will be directly transported to Orange County Landfill for use as daily cover or direct disposal in the Class I landfill. Assumed disposal rate for Class I refuse would apply.
- Costs for final cleaning/washdown, removal of household hazardous waste, and any final sampling and analysis are based on general estimating experience.

Upon approval of this closure cost estimate, Taft Recycling, Inc. will renew the financial assurance instrument for the Facility.

Prepared by: _____

Jeff Wild, P.E.
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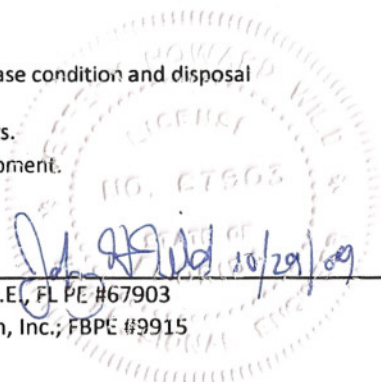
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TABLE 1
OPINION OF PROBABLE CLOSURE COSTS
TAFT TRANSFER STATION AND MATERIAL RECOVERY FACILITY
TAFT RECYCLING, INC.
ORLANDO, FLORIDA

Recovered Material and Unprocessed Material Stored	Maximum Storage (tons)	Handling and Loading Costs (\$/ton)	Transportation Costs (\$/ton)	Disposal Costs (\$/ton)	Total Loading, Transportation and Disposal (\$/ton)	Total All Costs (\$)
Unprocessed Class III	376	\$2.50 (5)	\$6.00	\$24.00	\$32.50	\$12,220.00
Unprocessed Class I Putrescible	619	\$2.50 (5)	\$6.00	\$35.10	\$43.60	\$26,988.40
Recovered Asphalt/Concrete	80	\$0.00 (2)	\$6.00	\$24.00 (3)	\$30.00	\$2,400.00
Recovered Roofing Tiles	20	\$0.00 (2)	\$6.00	\$24.00 (3)	\$30.00	\$600.00
Recovered Cardboard (Baled)	325	\$2.50 (5)	\$6.00	\$24.00 (3)	\$32.50	\$10,562.50
Recovered Paper (Baled)	37.5	\$2.50 (5)	\$6.00	\$24.00 (3)	\$32.50	\$1,218.75
Recovered Metal (Ferrous, Steel, Pipe)	40	\$0.00 (2)	\$6.00	\$24.00 (3)	\$30.00	\$1,200.00
Metal (Aluminum Cans)	1.5	\$2.50 (5)	\$6.00	\$24.00 (3)	\$32.50	\$48.75
Glass (Whole Bottles)	18	\$2.50 (5)	\$6.00	\$24.00 (3)	\$32.50	\$585.00
Plastic (Mixed Loose)	1.4	\$2.50 (5)	\$6.00	\$24.00 (3)	\$32.50	\$45.50
Wood	183	\$2.50 (5)	\$6.00	\$24.00	\$32.50	\$5,947.50
Whole Tires	67.5	\$2.50 (4)	\$0.00(4)	\$50.00 (4)	\$52.50	\$3,543.75
Processed Shredded Tires	67.5	\$0.00 (2)	\$6.00	\$35.10	\$41.10	\$2,774.25
Processed Tire Residuals	5	\$0.00 (2)	\$6.00	\$35.10	\$41.10	\$205.50
Recycling Residuals	15	\$0.00 (2)	\$6.00	\$35.10	\$41.10	\$616.50
Washdown/Cleanup					LS	\$1,500.00
Waste Oil/House Hold Haz. Waste	55 Gallon Drum	\$100.00	\$100.00	\$300.00	\$500.00	\$500.00
Misc. Sampling and Analysis					LS	\$1,000.00
Sub Total						\$71,956.40
Contingency (15%)						\$10,793.46
Total						\$82,749.86

Notes:

1. Maximum storage volumes taken from table of Material Disposition, Appendix B, Operation Plan.
2. There are no loading costs for these materials. Materials are stored in roll-off containers and would not require loading.
3. Although processed/baled cardboard, paper, steel, aluminum cans, glass, plastic and concrete have commodity value, assumed worst case condition and disposal at Class III rates.
4. Whole waste tire disposal rate includes transportation by RMD Americas of Florida, LLC. Loading costs to transfer/load onto their trailers.
5. Unprocessed Class I, III, and C&D materials, and loose glass, plastic and wood loaded onto transfer trailers using rubber tire loader equipment.
6. Class III wastes include C&D debris.


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