

TABLE 1. OPINION OF PROBABLE CLOSURE COSTS
TAFT RECYCLING, INC.
TAFT TRANSFER STATION/WASTE PROCESSING MATERIAL RECOVERY FACILITY
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 (\$)
1 Unprocessed Class III	500	\$2.50 (5)	\$5.50	\$25.60	\$33.60	\$16,800.00
2 Unprocessed Class I Putrescible	1500	\$2.50 (5)	\$5.50	\$33.60	\$41.60	\$62,400.00
3 Recovered Asphalt/Concrete	28,000	\$2.50 (2)	\$5.50	\$0.00	\$8.00	\$224,000.00
4 Recovered Roofing Tiles	20	\$0.00 (2)	\$5.50	\$25.60 (3)	\$31.10	\$622.00
5 Recovered Cardboard (Baled)	1482	\$2.50 (5)	\$5.50	\$25.60 (3)	\$33.60	\$49,795.20
5a Recovered Cardboard (Loose)	200	\$2.50 (5)	\$5.50	\$25.60 (3)	\$33.60	\$6,720.00
6 Recovered Paper (Baled)	37.5	\$2.50 (5)	\$5.50	\$25.60 (3)	\$33.60	\$1,260.00
7 Recovered Metal (Ferrous, Steel, Pipe)	40	\$0.00 (2)	\$5.50	\$25.60 (3)	\$31.10	\$1,244.00
8 Metal (Aluminum Cans)	1.5	\$2.50 (5)	\$5.50	\$25.60 (3)	\$33.60	\$50.40
9 Glass (Whole Bottles)	18	\$2.50 (5)	\$5.50	\$25.60 (3)	\$33.60	\$604.80
10 Plastic (Mixed Loose)	1.4	\$2.50 (5)	\$5.50	\$25.60 (3)	\$33.60	\$47.04
11 Wood	2555	\$2.50 (5)	\$5.50	\$25.60	\$33.60	\$85,848.00
12 Whole Tires	67.5	\$2.50 (4)	\$0.00 (4)	\$50.00 (4)	\$52.50	\$3,543.75
13 Processed Shredded Tires	67.5	\$0.00 (2)	\$5.50	\$33.60	\$39.10	\$2,639.25
14 Processed Tire Residuals	10	\$0.00 (2)	\$5.50	\$33.60	\$39.10	\$391.00
15 Recycling Residuals	50	\$0.00 (2)	\$5.50	\$33.60	\$39.10	\$1,955.00
16 Washdown/Cleanup/6 month maintenance					LS	\$4,500.00
17 Waste Oil/House Hold Haz. Waste	55 Gallon Drum	\$100.00	\$100.00	\$300.00	\$500.00	\$500.00
18 Misc. Sampling and Analysis					LS	\$1,000.00
19 Sub Total						\$463,920.44
20 Contingency (15%)						\$69,588.07
21 Total						\$533,508.51

Notes:

- Maximum storage volumes taken from table of Material Disposition, Appendix B, Operation Plan.
- Other than wood and concrete, there are no loading costs for these materials. Materials are stored in roll-off containers and would not require loading.
- 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.
- Whole waste tire disposal rate includes transportation by RMD Americas of Florida, LLC. Loading costs to transfer/load onto their trailers.
- Unprocessed Class I, III, and C&D materials, and loose glass, plastic and wood loaded onto transfer trailers using rubber tire loader equipment.
- Class III wastes include C&D debris.
- Item 16 - 6 months closure period maintenance at \$500/month


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 2/27/16 2/5/2016 3/9/16

MATERIALS DISPOSITION
Taft Recycling, Inc.
Taft Transfer Station/Waste Processing & Material Recovery Facility

Recovered Material or Unprocessed Waste Type	Maximum Storage Volume	Density (lbs/cy)	Covered or Uncovered	Method of Storage	Disposal/ Recycling Location	Maximum Hold Time
Unprocessed Class III	2,000 cy	500	Covered	Tipping Floor	Class III Landfill	1 Week
Unprocessed Class I Putrescible	6,421 cy	450	Covered	Tipping Floor	Class I Landfill	48 Hours
Recovered Asphalt/Concrete	2,500 14,000 cy	4,000	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
Recovered Roofing Tiles	20 cy	2,000	Uncovered	Outside Roll-off Container	Re-Sale Public	6 Months
Recovered Cardboard (Baled)	4,559 cy	650	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
Recovered Cardboard (Loose)	1,333 cy	300	Uncovered	Near Loading Hopper at Baler	Re-Sale Public	48 Hours
Recovered Paper (Baled)	100 cy	750	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
Recovered Metal (Ferrous, Steel, Pipe & Misc)	80 cy	1,000	Uncovered	Outside Roll-off Container	Re-Sale Public	6 Months
Recovered Metal (Aluminum Cans)	40 cy	75	Uncovered	Outside Roll-off/Sorting Bay	Re-Sale Public	6 Months
Glass (Whole Bottles)	60 cy	600	Uncovered	Outside Roll-off/Sorting Bay	Re-Sale Public	6 Months
Plastic (Mixed Loose)	80 cy	35	Uncovered	Outside Roll-off/Sorting Bay	Re-Sale Public	6 Months
Wood	1,500 14,000 cy	365	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
Whole Tires	400 cy	337	Uncovered	Outside Roll-off Container	Processing Facility	1 Year
Processed/Shredded Tires	225 cy	600	Uncovered	Outside Roll-off Container	Class I Landfill	48 Hours
Processed Tire Residuals	20 cy	500	Uncovered	Outside Roll-off Container	Class I Landfill	48 Hours
Recycling Residuals (RSM)	100 cy	1,000	Covered	Outside Roll-off Container	Class I Landfill	6 Months
Waste Oil/House Hold Hazardous Waste - Rejected	55 gallons	8 lbs/gal	Covered	Inside Building	Safety Kleen or Other Haz. Waste Recycler	30 Days

Notes:

Maximum storage volumes for Unprocessed Class I, III /C&D are based on estimated peak daily projection as noted in Section 2.2.1 of Operation Plan.

Total of all equal approximately 8,421 cy (converted 2,000 tons).

Unprocessed cardboard and paper included in Class III volumes.

Volume-to-weight factors for recyclables are provided as an attachment.

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

February 8 ~~March 9~~, 2016

The closure cost estimate shown on Table 1 (attached) is based on the table of Material Disposition, Appendix H, 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 RCS Excavation, Inc.
- Transport of Class I, III, C&D and non-processed/non-baled recyclable materials provided by Stafford Trucking.
- 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.
- Handling and loading of recovered concrete/asphalt will be provided by RCS Excavation, Inc. Transportation will be provided by Stafford Trucking. ~~It is assumed that these materials will be accepted at the facility adjacent to TRI JED Landfill for no disposal cost (see attached).~~
- 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 RCS Excavating, 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: _____

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Date: 3/24/16