

TABLE 1
COST OPTION ANALYSIS
CANTERBURY TRANSFER STATION
83 BAPTIST ROAD
CANTERBURY, NEW HAMPSHIRE

	Existing Transfer Station					New Transfer Station		Subcontracted Services	
	Cost Option 0 Current Operations	Cost Option 1 Replace Compactor Truck	Cost Option 2 Install New Stand-Alone 1-Phase Compactor	Cost Option 3 Install New Rear-Feed 1-Phase Compactor Attached to TS Building	Cost Option 4 Subcontract Solid Waste Disposal and Recycling	Cost Option 5 Purchase & Construct New Transfer Station Property	Cost Option 6 Subcontract Solid Waste Disposal and Recycling	Cost Option 7 Casella MSW & Recycling Curbside Pickup	Cost Option 8 Casella MSW-Only Curbside Pickup Town-Run Recycling @ TS
Est. 1st Year Engineering and Design Costs	\$0	\$0	\$0	\$29,300	No Bids Provide	\$113,848	No Bids Provide	\$0	\$0
Est. 1st Year Capital Costs	\$117,400	\$371,000	\$241,000	\$293,000	\$0	\$1,214,000	\$0	\$0	\$117,400
Sum of Est.1st Year Costs	\$117,400	\$371,000	\$241,000	\$322,300	\$0	\$1,327,848	\$0	\$0	\$117,400
Est. Annual MSW Pick-Up & Transportation Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$269,000	\$195,000
Est. Annual MSW Disposal Costs	\$108,700	\$108,700	\$108,700	\$108,700	\$0	\$108,700	\$0	\$108,700	\$108,700
Est. Recycling Center Operation Costs	\$125,300	\$125,300	\$120,100	\$120,100	\$0	\$120,100	\$0	\$0	\$100,600
Analysis Period (years)	10	10	10	10	10	10	10	10	10
PW Factor (P/A, 5%)	8.530	8.530	8.530	8.530	8.530	8.530	8.530	8.530	8.530
Est. Total O & M and Disposal PW Costs	\$1,996,000	\$1,996,000	\$1,952,000	\$1,952,000	\$0	\$1,952,000	\$0	\$3,222,000	\$3,449,000
Total Est. PW Cost	\$2,113,400	\$2,367,000	\$2,193,000	\$2,274,300	\$0	\$3,279,848	\$0	\$3,222,000	\$3,566,400

Assumptions:

1. Aries' waste management estimated cost comparisons are based on the average of the estimated cost range.
2. Operation and Maintenance (O & M) costs occur over the specified treatment time (years).
3. Disposal Costs occur over the specified treatment time (years).
4. Aries' Cost Option analysis assumes a total of one (1) ton of municipal solid waste generated per residence per each year based on industry waste disposal estimates for New Hampshire.
5. Annual recycling rate of approximately 16.25% is based on Town of Canterbury 2024 MSW and recycling tonnages.
6. Income from sale of recyclables is assumed to be negligible.
7. Present Worth (PW) Cost are based on an annual discount rate of 3%.
8. Cost estimates for each line item have been rounded to the nearest \$1,000.
9. Estimated PW costs have been rounded to the nearest \$1,000.
10. A contingency factor of 30% has been included for all cost totals.