

Brookline Transfer Station

Compacting Analysis - Based on Full-Year 2017 Recyclables

| Item | Town - Form | 2017 Tonnage | 2017 # of Trips | Tons/ Trip | Trips Saved Per Year By Compacting | Current Cost Per Trip | Annual Savings | 2017 Income/ (Expense) |
|---------------------------------|-------------------------------------|------------------|-----------------|-----------------|------------------------------------|-----------------------|----------------|------------------------|
| Mixed Paper | Brookline - <u>Compacted</u> | 84.3 tons | 10 | 8.4 tons | 30 | \$271 | \$8,130 | \$3,859 |
| | Mt. Vernon - Loose | 30 tons | 14 | 2.1 tons | -- | -- | N/A | \$1,459 |
| <u>All Mixed Plastic</u> | Hollis & Amh. - <u>Compacted*</u> | 108.9 tons | 38 | 2.9 tons | -- | -- | N/A | (\$3,266) |
| | Brookline - Loose** | 46.3 tons | 44 | 1.1 ton | 28 | \$200 | \$5,600 | (\$1,390) |
| Aluminum Cans | Hollis & Amh. - <u>Compacted</u> | 21.3 tons | 14 | 1.5 tons | -- | -- | N/A | \$17,186 |
| | Brookline - Loose | 9.7 tons | 11 | .88 ton | 5 | \$200 | \$1,000 | \$9,994 |

* Excludes milk jugs which began being separated in the third quarter of 2017.

** Includes milk jugs.

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|------------------|---|-----------------|------------|-----------------|-----------|--------------|-----------|--|
| Milk Jugs | Hollis & Amh. - <u>Compacted</u> | 16.9 tons | 5 | 3.4 tons | -- | \$275 | -- | \$6,393 @ \$378/ton |
| | <u>Est.</u> Brookline - <u>Compacted</u> | 5.1 tons | 1.5 | 3.4 tons | -- | \$275 | -- | \$1,929 @ \$378/ton \$2,856 @ \$560/ton |

Estimated cost for Town to install additional compactors: \$5,000 per compactor