



**DIVERSION FROM TRADITIONAL LANDFILL AND COST COMPARISON FOR
MATERIAL DELIVERED TO FRANCIS COOKE REGIONAL LANDFILL AND
RESOURCE RECOVERY CENTER FROM THE LAWRENCE GRASSI SCHOOL
DECONSTRUCTION PROJECT**

	Weight (kg)	Weight (t)	Actual Cost for Sorted Material Received	Cost if Material Would Have Been Received Unsorted From Traditional Demolition
MATERIAL DIVERTED				
Asphalt	223465	223	\$335.25	\$30,168.00
Concrete	2864105	2864	\$4,460.75	\$386,654.25
Drywall	35605	36	\$1,423.50	\$8,545.25
Kiln Dried Lumber	239470	239	\$9,578.75	\$57,473.00
Scrap Metal	248365	248	\$3,478.75	\$33,529.50
Scrub Brush	16480	16	\$659.25	\$2,225.00
Clean Cover	30340	30	\$45.75	N/A
MATERIAL LANDFILLED				
Demolition and Construction Waste	774230	774	\$57,944.25	\$104,521.25
Dry Waste To Landfill	10860	11	\$814.50	\$1,466.00
TOTALS	4442920	4443	\$78,740.75	\$624,582.25

SUMMARY:

Total Diverted from Landfill	3658 t
Total Landfilled	785 t
Total Material Handled	4443 t
Percent Diverted from Landfill	82
Disposal Cost if All Landfilled	\$624,582.25
Actual Disposal Cost Due to Diversion	\$78,740.75
Cost Avoided by Sorting	\$545,841.50
Cost for Separation and Sorting on The Site	\$190,000.00
Cost Advantage for Diversion and Sorting on Site	\$355,841.50
Percent Savings Due to Sorting	57

NOTE: Reduced tipping fees were negotiated for concrete and asphalt crushed at the project site. A rate card for normal tipping and recycling fees at Francis Cooke Regional Landfill and Resource Recovery Centre is available at www.BVWaste.ca.