

		Projected Benefits from i-Tree Design						Additional Calculations for Car Travel	
	Year	Overall Benefits (\$) (Benefits that include storm water, air quality, and carbon dioxide mitigation)	Stormwater (\$) Runoff Savings (Amount of money saved from reducing the amount of rain fall that is processed by city facilities)	Stormwater (Litre) intercepted (Amount of rainfall trees intercept/ absorb)	Air Quality (\$) Improvements (Amount of money saved from pollution interception by trees)	CO ₂ (\$) Savings (Amount of money saved from trees removing atmospheric carbon dioxide)	CO ₂ (lbs) Sequestered (Amount of carbon dioxide captured and stored by trees)	Liters of Gasoline Avoided (Amount of gasoline avoided based on the amount of carbon dioxide sequestered)	Travel Distance Avoided (Travel distance avoided by a gasoline compact car, assumed fuel efficiency of 9 litres per 100 kilometers)
Total Across Nine TCHC Properties	Current	\$108.00	\$72.00	128,046.55	\$13.00	\$23.00	-	-	-
	10	\$1,875.00	\$1,268.00	2,269,546.56	\$254.00	\$357.00	6,930.00	1,339.00	14,877.78
	25	\$9,621.00	\$6,762.00	12,110,830.44	\$1,383.00	\$1,478.00	28,823.00	5,570.00	61,888.89
	50	\$36,478.00	\$26,216.00	46,950,900.03	\$5,232.00	\$5,031.00	98,072.00	18,951.00	210,566.67
	75	\$80,998.00	\$58,839.00	105,380,005.59	\$11,313.00	\$10,848.00	211,516.00	40,872.00	454,133.33
Averaged per TCHC Property	Current	\$13.50	\$9.00	16,005.82	\$1.63	\$2.88	-	-	-
	10	\$234.38	\$158.50	283,693.32	\$31.75	\$44.63	866.25	167.00	1,855.56
	25	\$1,202.63	\$845.25	1,513,853.80	\$172.88	\$184.75	3,602.88	696.00	7,733.33
	50	\$4,559.75	\$3,277.00	5,868,862.50	\$654.00	\$628.88	12,259.00	2,369.00	26,322.22
	75	\$10,124.75	\$7,354.88	13,172,500.70	\$1,414.13	\$1,356.00	26,439.50	5,109.00	56,766.67
Averaged per Tree	Current	\$1.44	\$0.96	1,707.29	\$0.17	\$0.31	-	-	-
	10	\$25.00	\$16.91	30,260.62	\$3.39	\$4.76	92.40	17.90	198.89
	25	\$128.28	\$90.16	161,477.74	\$18.44	\$19.71	384.31	74.30	825.56
	50	\$486.37	\$349.55	626,012.00	\$69.76	\$67.08	1,307.63	253.00	2,811.11
	75	\$1,079.97	\$784.52	1,405,066.74	\$150.84	\$144.64	2,820.21	545.00	6,055.56