

TOWN OF ESPANOLA
ANNUAL ENERGY CONSUMPTION AND GREENHOUSE GAS EMISSIONS
January 2011 - December 2011

Operation Name	Operation Type	Address	Area (sqft)	# Hours per Week	Electricity (kWh)	Natural Gas (Cubic Meter)	Fuel Oil 4 & 6 (litres)	GHG Emissions (Kg)	Energy Intensity (ekWh/sqft)
PUBLIC WORKS DEPARTMENT									
Office	Administrative offices and related facilities, including municipal council chambers	596 Second Avenue	774	40	7,055.442			564.435	9.116
Garage	Storage facilities where equipment or vehicles are maintained, repaired or stored	596 Second Avenue	7,584	40	59,631.462	8,833.163	4,000	34,050.882	26.468
LIBRARY	Public libraries	245 Avery Drive	6,643	56	118,916.256	9,162.494		26,836.160	32.560
MUNICIPAL OFFICE	Administrative offices and related facilities, including municipal council chambers	100 Tudhope Street	5,764	40	93,634.307	5,849.629		18,550.211	27.030
POLICE STATION	Fire stations and associated offices and facilities	78 Centre Street	9,419	168	98,218.182	7,105.569		21,291.434	18.445
FIRE HALL	Fire stations and associated offices and facilities	592 Second Avenue	2,901	40	36,189.088	6,271.563		14,752.314	35.450
RECREATION COMPLEX									
Meeting Room	Administrative offices and related facilities, including municipal council chambers	175 Avery Drive	1,720	45	30,789.698	5,293.041		12,470.342	50.606
Pool & Arena Auditorium	Indoor recreational facilities	175 Avery Drive	4,540	100	81,270.481	13,971.166		32,915.902	50.606
Lobby & Canteen	Indoor sports arenas	175 Avery Drive	3,150	100	56,388.109	9,693.650		22,838.126	50.606
Ice Rink & Dressing Rooms & Mechanical Room	Indoor ice rinks	175 Avery Drive	30,000	100	537,029.608	92,320.479		217,505.959	50.606
Pool & Change Rooms & Guard Shack & Mechanical Room	Indoor swimming pools	175 Avery Drive	29,000	76	519,128.621	89,243.130		210,255.760	50.606
Squash Court & Domtar Fitness Centre	Gyms and indoor courts for playing tennis, basketball or other sports	175 Avery Drive	3,360	100	60,147.316	10,339.894		24,360.667	50.606

Operation Name	Operation Type	Address	Annual Flow (Mega Litres)	# Hours per Week	Electricity (kWh)	Natural Gas (Cubic Meter)	Fuel Oil 4 & 6 (litres)	GHG Emissions (Kg)	Energy Intensity (ekWh/Mega Litres)
WATER TREATMENT									
Water Treatment Plant	Facilities related to the treatment of water	1151 Bass Lake Road	1403.578	168	926,737.126			74,138.970	660.268
Barrie St. Pump Station	Facilities related to the pumping of water	1151 Bass Lake Road	139.273	168	3,029.728			242.378	21.754
Barrie Street Pump Station	Facilities related to the pumping of water	1151 Bass Lake Road	139.273	168	2,801.789			224.143	20.117
SEWAGE TREATMENT									
Sewage Treatment Plant	Facilities related to the treatment of sewage	200 Bois Street	1117.646	168	272,220.645			21,777.652	243.566
Bois Street Lift Station	Facilities related to the pumping of sewage	200 Bois Street	1153.975	13	3,720.916			297.673	3.224
Merritt Street Lift Station	Facilities related to the pumping of sewage	200 Bois Street	1892.170	45	31,634.548			2,530.764	16.719
Highway 6 Lift Station	Facilities related to the pumping of sewage	200 Bois Street	59.603	20	5,272.326			421.786	88.457