

APPENDIX A – 2022-2023 Summary of Energy Usage and GHG Emissions

2022 Summary of Energy Usage and GHG Emissions							
No#	Property Name	Property Use Type	Building Size (m2)	Electricity (kWh)	Natural Gas (Cubic meters)	GHG Emissions (Metric Tons CO2e)	GHG Emissions Intensity (kgCO2e/m ²)
1	Crystal Ridge Branch	Library	519	61,125	8,314	17.8	34.3
2	Fire Station #3	Fire Station	1,115	44,528	15,092	30.4	27.3
3	Fire Station #4	Fire Station	418	27,175	11,970	23.9	57.2
4	Fort Erie Town Hall	Office	4,246	563,469	40,861	94.7	22.3
5	Works Facility	Other - Public Services	2,123	155,149	39,109	79.9	37.6
6	Historical Museum	Entertainment/Public	441	16,242	7,065	14.1	32
7	Centennial Branch	Library	1,317	45,602	24,862	49.3	37.4
8	Central Fire Station	Fire Station	1,239	151,191	41,979	85.3	68.9
9	Crystal Ridge Arena	Ice/Curling Rink	2,601	268,266	55,549	114.8	44.2
10	Fire Station #5	Fire Station	710	62,813	9,167	19.5	27.4
11	Fire Station #6	Fire Station	511	10,691	0	19.8	38.7
12	Fire Training Centre	Fire Station	113	12,735	731	1.8	15.7
13	Leisureplex Arena	Ice/Curling Rink	11,892	1,837,883	211,426	460	38.7
14	Railroad Museum	Entertainment/Public	171	7,289	0	0.2	1.2
15	Community Hall	Social/Meeting Hall	883	45,807	8,599	17.9	20.3
16	New Fire Station#4	Fire Station	1,119	86,058	51,754	102.4	0.9
Total=			29,417	3,396,023	526,478	1,132	504

2023 Summary of Energy Usage and GHG Emissions							
No#	Property Name	Property Use Type	Building Size (m2)	Electricity (kWh)	Natural Gas (Cubic meters)	GHG Emissions (Metric Tons CO2e)	GHG Emissions Intensity (kgCO2e/m ²)
1	Crystal Ridge Branch	Library	519	55,649	8,241	17.5	33.7
2	Fire Station #3	Fire Station	1,115	43,104	14,152	28.6	25.6
3	Fire Station #4	Fire Station	418	14,258	7,477	14.8	35.5
4	Fort Erie Town Hall	Office	4,246	500,796	31,868	75.6	17.8
5	Works Facility	Other - Public Services	2,123	182,813	36,826	76.3	35.9
6	Historical Museum	Entertainment/Public	441	16,881	5,571	11.2	25.5
7	Centennial Branch	Library	1,317	51,705	16,170	32.7	24.8
8	Central Fire Station	Fire Station	1,239	158,269	30,639	63.6	51.4
9	Crystal Ridge Arena	Ice/Curling Rink	2,601	305,251	59,788	124.1	47.7
10	Fire Station #5	Fire Station	710	71,437	8,528	18.5	26
11	Fire Station #6	Fire Station	511	0	0	0	0
12	Fire Training Centre	Fire Station	113	11,181	631	1.5	13.6
13	Leisureplex Arena	Ice/Curling Rink	11,892	1,919,253	165,893	374.3	31.5
14	Railroad Museum	Entertainment/Public	171	7,412	3,895	7.7	45.2
15	Community Hall	Social/Meeting Hall	883	53,594	8,929	18.8	21.2
16	New Fire Station#4	Fire Station	1,119	102,347	19,245	40.1	0.4
Total=			29,418	3,493,950	417,853	905	436

*Note, this data represents the most recent data confirmed by the Ministry at the time of publishing this plan.