Appendix A: Energy Data

	Electricity (kWh)								
Facility Description	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**
Benson Centre	2,236,176	2,846,361	2,891,351	2,922,480	2,894,122	337,947	325,800	333,366	363,773
Benson Centre	248,464	283,060	321,261	324,720	321,569	3,041,523	2,932,200	3,000,293	3,273,959
Boundary Road Reservoir	281,137	219,424	314,417	267,600	214,119	237,005	252,240	254,887	244,565
Boys and Girls Club	23,161	10,494	24,047	23,322	22,571	16,937	17,222	17,609	17,284
Champs Boxing Club	4,569	25,897	33,068	37,340	9,797	7,410	27,210	35,126	36,506
City Hall	338,777	309,171	291,505	292,763	257,744	246,956	240,600	258,861	257,821
Cornwall Band Shell	10,641	22,516	32,933	33,285	34,251	26,403	37,902	43,680	47,127
Cornwall Civic Complex - Aquatic Centre	883,496	1,149,165	1,342,053	1,340,544	1,293,781	803,689	1,434,998	1,511,481	1,345,664
Cornwall Civic Complex - Arena	3,352,547	2,907,112	2,829,227	2,826,045	2,707,007	3,557,994	3,025,168	3,186,404	2,836,839
Cornwall Civic Complex - Finance	425,734	346,096	377,242	376,818	363,673	395,345	403,368	424,867	378,257
Cornwall Civic Complex - Salons	106,423	173,031	188,603	188,391	181,819	197,654	201,665	212,414	189,111
Elevated Storage Tank	72,360	63,895	66,683	72,175	58,596	62,240	67,224	68,220	68,813
Emergency Medical Services (EMS) Station	274,140	295,623	311,849	325,800	333,000	503,032	324,000	327,983	327,276
Fire Station #1	178,860	177,957	184,493	199,860	181,137	182,275	194,820	205,959	192,383
Fire Station #2	162,388	140,392	147,586	138,809	133,114	131,258	116,611	122,012	124,297
Guindon Park - Maintenance Workshop	34,993	36,298	28,848	42,979	22,429	28,999	29,678	29,678	28,602
Justice Building - Police Station	24,614	1,101,885	1,096,183	1,000,272	1,053,922	197,256	987,023	963,005	1,057,076
Justice Building - Social Services	1,061,012	259,972	268,098	343,528	267,590	67,745	338,977	330,729	257,074
Optimist Park Garage	364,388	126,879	126,385	124,581	140,469	129,875	122,149	142,419	119,857
Police Sub-Station	25,800	36,298	40,417	42,377	26,213	25,724	36,670	36,267	34,423
Public Library	803,520	813,071	818,046	770,952	734,223	768,021	772,688	771,988	764,733
Public Works - Administration Building	201,015	196,126	213,335	223,526	206,369	207,104	213,415	227,628	230,448
Public Works - Carpenter Shop	41,265	34,510	37,539	39,332	36,313	36,442	37,553	40,054	276,000
Public Works - Municipal Works Garage	168,960	121,426	128,379	132,102	138,308	214,450	152,781	131,814	144,560
Public Works - Purchasing	1,897	1,883	2,229	2,526	2,436	1,703	3,289	4,296	4,560
Public Works - Road Shop	24,243	21,966	23,224	23,898	25,020	15,365	18,426	15,897	14,724
Public Works - Stores	26,163	25,980	30,750	34,854	33,602	23,500	45,371	59,265	65,591
Public Works - Traffic Shop	6,662	3,669	3,991	4,182	3,861	4,222	5,063	4,369	26,220

Public Works - Water & Sewer Shop	46,920	37,453	44,789	44,789	48,009	127,405	3,993	4,259	0
Sewage Pumping Station - 11th Street	20,101	865	1,609	248	28,304	32,800	33,329	29,329	33,478
Sewage Pumping Station - Harbour Road	6,662	5,560	3,988	5,552	5,867	10,015	11,875	10,875	11,820
Sewage Pumping Station - James Street	9,763	8,893	10,378	12,150	10,802	12,795	13,325	11,325	11,789
Sewage Pumping Station - Pitt Street	2,435	2,555	3,222	3,056	2,836	3,333	3,957	2,957	3,085
Sewage Pumping Station - Saunders Drive	9,198	9,156	12,317	17,242	26,872	23,249	251,119	25,119	26,016
Transit Station - Administration	19,658	18,965	18,869	18,335	16,800	17,283	1,800	17,437	16,156
Transit Station - Garage	340,582	328,570	326,913	317,665	291,070	299,439	301,110	302,101	236,942
Waste Water Treatment Plant - Pumping Station	1,444,229	1,322,924	1,445,889	2,352,000	3,663,935	1,509,900	1,749,600	1,614,192	1,927,203
Waste Water Treatment Plant	3,151,500	2,365,379	2,733,313	1,481,700	1,249,939	4,326,675	4,402,260	4,287,658	4,420,189
Water Purification Plant - Zebra Mussel Facility	40,028	45,959	46,655	3,551,760	3,394,642	56,012	64,996	64,855	65,199
Water Purification Plant	3,655,440	3,701,742	3,523,888	53,058	55,812	3,636,972	3,474,000	3,581,843	3,532,563
Wood House Museum	4,028	38,670	41,899	43,255	43,774	44,233	42,166	41,976	45,435
Total	**20,133,949**	**19,636,850**	**20,387,474**	**20,055,871**	**20,535,716**	**21,568,185**	**22,717,640**	**22,754,495**	**23,057,418**

	Gas (m^3)								
Facility Description	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**
Benson Centre		239,228	265,437	253,652	27,820	23,953	29,741	32,878	35,543
Benson Centre		3,885	29,493	28,184	250,383	215,575	267,667	295,905	319,884
Boundary Road Reservoir	11,197	9,371	11,768	12,947	14,071	10,549	12,253	14,075	12,031
Boys and Girls Club									
Champs Boxing Club									
City Hall									
Cornwall Band Shell									
Cornwall Civic Complex - Aquatic Centre	15,247	22,124	21,403	21,375	19,644	11,763	27,105	33,079	81,249
Cornwall Civic Complex - Arena	57,858	55,969	45,121	45,061	41,412	24,795	57,141	69,736	
Cornwall Civic Complex - Finance	7,347	6,663	6,016	6,008	5,522	3,306	7,619	9,298	
Cornwall Civic Complex - Salons	1,837	3,331	3,008	3,004	2,761	1,653	3,809	4,649	
Elevated Storage Tank									
Emergency Medical Services (EMS) Station		78,265	77,572	61,621	65,274	54,146	49,460	46,714	47,078
Fire Station #1	17,915	22,210	25,964	25,696	26,578	17,794	22,339	25,526	29,193
Fire Station #2	41,579	28,159	15,877	15,305	19,000	26,266	25,130	24,216	29,628
Guindon Park - Maintenance Workshop									
Justice Building - Police Station	2,920	17,710	12,067	139,665	15,476	12,466	14,866	4,991	3,531
Justice Building - Social Services	1,003	6,915	4,808	4,796	5,315	4,281	5,105	1,714	1,653
Optimist Park Garage	9,188	8,374	9,858	11,118	9,187	8,231	10,926	11,629	11,903
Police Sub-Station	1,104	1,415	1,165	1,551	1,964	1,340	2,127	2,283	2,434
Public Library									
Public Works - Administration Building	5,733	3,643	4,209	4,485	3,216	3,943	4,063	4,702	83,091
Public Works - Carpenter Shop	884	592	684	729	522	640	660	764	
Public Works - Municipal Works Garage	22,379	27,160	36,197	40,703	35,777	14,828	23,133	37,876	
Public Works - Purchasing	385	441	438	459	492	422	710	480	

Public Works - Road Shop	5,314	4,116	7,264	8,563	6,637	6,259	7,699	3,969	
Public Works - Stores	3,439	6,084	6,039	6,339	6,789	5,817	9,793	6,623	
Public Works - Traffic Shop	3,440	3,989	5,149	6,175	4,988	4,443	4,745	5,264	
Public Works - Water & Sewer Shop	11,581	11,749	12,972	12,428	10,422	12,089	11,171	13,514	
Sewage Pumping Station - 11th Street									
Sewage Pumping Station - Harbour Road									
Sewage Pumping Station - James Street									
Sewage Pumping Station - Pitt Street									
Sewage Pumping Station - Saunders Drive									
Transit Station - Administration	4,481	4,064	3,792	4,614	5,937	4,495	4,518	4,503	4,573
Transit Station - Garage	77,641	70,404	65,705	79,935	102,857	77,880	78,284	78,016	75,618
Waste Water Treatment Plant - Pumping Station	7,958	6,095	7,346	5,450	5,187	8,024	8,740	9,096	8,171
Waste Water Treatment Plant	51,375	31,227	44,977	19,889	48,711	33,345	56,808	80,697	86,277
Water Purification Plant - Zebra Mussel Facility									
Water Purification Plant	125,988	87,694	117,696	114,688	117,113	90,455	127,114	128,086	141,472
Wood House Museum		47	158	158	158	212	210	212	235
Total	**487,793**	**760,924**	**842,183**	**934,598**	**853,213**	**678,970**	**872,936**	**950,495**	**973,564**

- The values shown in red font are estimated using the extrapolation based on the data from the previous years since 2011. The total energy consumption calculated based on these estimated values follow the pattern of the overall energy consumption for all the facilities.