

Township of Chapleau Asset Management Plan
Recreation and Cultural Services - Recreational Facilities
Arena - Building

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement											
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Building Structure	%	74.7%	1978	39	2058	\$ 14,896,351	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	15%	1987	30	2018	\$ 1,305,577	Priority 1	\$ 1,305,577	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Mechanical	%	10%	1978	39	2018	\$ 680,035	Priority 1	\$ 680,035	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	0.3%	1978	39	2018	\$ (0)	Priority 1	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Refrigeration equipment			2008	9	2028	\$ 84,898	Priority 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 84,898
Refrigeration equipment			2009	8	2029	\$ 63,821	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Three exit doors			2014	3	2044	\$ 12,373	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dehumidifier No. 1			2015	2	2030	\$ 37,163	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Superheater			2015	2	2030	\$ 24,387	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oil Separator			2015	2	2030	\$ 9,452	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Brick veneer at entrance			2015	2	2095	\$ 247,368	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Front entrance siteworks			2015	2	2045	\$ 50,540	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Front entrance windows and doors			2015	2	2045	\$ 89,684	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LED dimmable Light Fixtures			2016	1	2041	\$ 16,180	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dehumidifier No.2			2016	1	2031	\$ 45,742	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Zamboni Room Hot Water Tank			2017	0	2032	\$ 10,192	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 17,573,764		\$ 1,985,612	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 84,898

Total future replacement requirement:
- Priority 1 \$ 1,985,612
- Priority 2 \$ 84,898
- Priority 3 \$ 15,503,253.39

Township of Chapleau Asset Management Plan
Recreation and Cultural Services - Recreational Facilities
Pavillion - Building

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement											
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Building Structure	%	80%	1996	21	2076	\$ 191,840	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	15%	1996	21	2056	\$ 24,207	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	5%	1996	21	2026	\$ 4,455	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		100%				\$ 220,502		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ -
- Priority 2 \$ -
- Priority 3 \$ 220,502

Township of Chapleau Asset Management Plan
Environmental Services - Water Distribution System
Water Treatment Plant - Building and Process Equipment

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Immediate
Building Structure	%	69.0%	1976	41	2056	\$ 17,850,786	Priority 3	
Building Envelope	%	5.0%	1976	41	2018	\$ 455,886	Priority 1	\$ 455,886
Building Mechanical	%	25.0%	1980	37	2018	\$ 2,215,463	Priority 1	\$ 2,215,463
Siteworks	%	1.0%	1976	41	2018	\$ 121,899	Priority 1	\$ 121,899
Pump	LS	1	2008	9	2028	\$ 28,478	Priority 2	\$ -
Reusable Bags	LS	1	2009	8	2019	\$ 9,814	Priority 1	\$ -
Diesel Generator	LS	1	2010	7	2040	\$ 594,893	Priority 3	\$ -
Control Panel	LS	1	2010	7	2040	\$ 71,025	Priority 3	\$ -
Soda Ash System	LS	1	2010	7	2040	\$ 58,615	Priority 3	\$ -
DBS Gearbox	LS	1	2011	6	2041	\$ 15,457	Priority 3	\$ -
Waste Pit Pump	LS	1	2012	5	2032	\$ 10,142	Priority 3	\$ -
Automated Valves	LS	1	2012	5	2042	\$ 28,529	Priority 3	\$ -
Post pH Soda Ash System	LS	1	2012	5	2042	\$ 76,077	Priority 3	\$ -
Overhead Door	LS	1	2013	4	2043	\$ 33,516	Priority 3	\$ -
Chlorine Analyzer	LS	1	2013	4	2033	\$ 7,398	Priority 3	\$ -
PH Analyzer	LS	1	2013	4	2033	\$ 3,959	Priority 3	\$ -
Six Hatch Covers	LS	1	2014	3	2034	\$ 15,715	Priority 3	\$ -
Clarifier Sludge Level Indicators	LS	1	2015	2	2035	\$ 28,255	Priority 3	\$ -
High lift pumps, piping and valves	LS	1	2015	2	2040	\$ 393,639	Priority 3	\$ -
VFD's and electrical modifications	LS	1	2015	2	2040	\$ 341,805	Priority 3	\$ -
Windows and doors	LS	1	2015	2	2045	\$ 227,327	Priority 3	\$ -
Lighting	LS	1	2015	2	2040	\$ 107,754	Priority 3	\$ -
Ceiling fans	LS	1	2015	2	2045	\$ 20,895	Priority 3	\$ -
CL2 Booster Pump	LS	1	2017	0	2037	\$ 5,040	Priority 3	\$ -
Waste Pit Pumps(2)	LS	1	2017	0	2037	\$ 16,745	Priority 3	\$ -
						\$ 22,739,111		\$ 2,793,248

Township of Chapleau Asset Management Plan
Recreation and Cultural Services - Recreational Facilities
Pump House - Building

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement												
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Building Structure	%	89%	1910	107	2018	\$ 415,386	Priority 1	\$ 415,386	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	8%	1910	107	2018	\$ 37,338	Priority 1	\$ 37,338	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Mechanical	%	2%	1910	107	2018	\$ 9,335	Priority 1	\$ 9,335	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	1%	1910	107	2018	\$ 4,667	Priority 1	\$ 4,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 466,726		\$ 466,726	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ 466,726
- Priority 2 \$ -
- Priority 3 \$ -

Township of Chapleau Asset Management Plan
Environmental Services - Sanitary Sewer System
Wastewater Pumping Stations - Building and Process Equipment (Dufferin Street)

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement										
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Building Structure	%	68.8%	1985	32	2065	\$ 2,339,866	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	1%	1985	32	2018	\$ 13,409	Priority 1	\$ 13,409	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Mechanical	%	30%	1985	32	2018	\$ 258,131	Priority 1	\$ 258,131	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	0.2%	1985	32	2018	\$ 2,682	Priority 1	\$ 2,682	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Mitronics Controls	LS	1	2011	6	2031	\$ 7,752	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Diesel Fuel Tank	LS	1	2015	2	2045	\$ 7,557	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pumps (2), piping and valves	LS	1	2015	2	2040	\$ 206,724	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$2,836,120		\$274,221	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Total future replacement requirement:
- Priority 1 \$ 274,221
- Priority 2 \$ -
- Priority 3 \$ 2,561,899

Township of Chapleau Asset Management Plan
Environmental Services - Sanitary Sewer System
Wastewater Pumping Stations - Building and Process Equipment (Lisgar Street)

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement										
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Building Structure	%	66.7%	1999	18	2079	\$ 2,247,608	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	2%	1999	18	2029	\$ 25,039	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Mechanical	%	28%	1999	18	2019	\$ 287,569	Priority 1	\$ -	\$ 287,569	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	3.0%	1999	18	2029	\$ 37,558	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 2,597,775		\$ -	\$ 287,569	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ 287,569
- Priority 2 \$ -
- Priority 3 \$ 2,310,205

Township of Chapleau Asset Management Plan
Environmental Services - Sanitary Sewer System
Wastewater Pumping Stations - Building and Process Equipment (Riverside Drive)

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement										
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Building Structure	%	65.8%	1984	33	2064	\$ 3,590,112	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	1%	1984	33	2018	\$ 21,942	Priority 1	\$ 21,942	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Mechanical	%	33%	1984	33	2018	\$ 521,129	Priority 1	\$ 521,129	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	0.2%	1984	33	2018	\$ 4,388	Priority 1	\$ 4,388	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Miltronics Controls	LS	1	2011	6	2031	\$ 7,752	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bypass Chamber Valve Replacement	LS	1	2013	4	2033	\$ 32,210	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Diesel Fuel Tank	LS	1	2015	2	2045	\$ 7,557	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pump, Piping and Valves	LS	1	2015	2	2040	\$ 260,655	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewage Auto Sampler			2016	1	2036	\$ 16,547	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 4,462,293		\$ 547,459	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ 547,459
- Priority 2 \$ -
- Priority 3 \$ 3,914,834

Township of Chapleau Asset Management Plan
Environmental Services - Sanitary Sewer System
Wastewater Treatment Plant - Lagoon (two cell aerated facultative lagoon)

Item	Unit	Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement									
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027
Yard Piping																	
100mm Piping	m	75.0 m	1985	32	2060	\$ 56,707	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
300mm Piping	m	153.0 m	1985	32	2060	\$ 137,104	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
350mm Piping	m	45.0 m	1985	32	2060	\$ 44,105	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
450mm Piping	m	493.0 m	1985	32	2060	\$ 524,613	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pipe Culverts	m	70.0 m	1985	32	2060	\$ 58,807	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lagoon Components																	
3 Channel Grit Removal System w/bar rack	ea	1	1991	26	2051	\$ 234,319	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Valve Chamber	ea	1	1985	32	2045	\$ 24,968	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inlet Chamber	ea	2	1985	32	2045	\$ 29,130	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inter-cell Chamber w/baffles (3mx3m)	ea	1	1985	32	2045	\$ 41,614	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Drain Chamber (2.3mx2.3m)	ea	1	1985	32	2045	\$ 31,210	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Compartment Outlet Chamber w/baffles(3mx3m)	ea	1	1985	32	2045	\$ 52,017	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Chlorine Contact Chamber (6.8mx3m + 1.3mx3m)	ea	1	1985	32	2045	\$ 104,034	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Aeration System (header and feeder tubes)	ea	1	2003	14	2033	\$ 349,677	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Manholes	ea	3	1985	32	2045	\$ 43,694	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fencing	m	180.0 m	1985	32	2045	\$ 11,236	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lagoon Cells	LS	1	1985	32	2185	\$ 5,325,377	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lagoon Cells HDPE geomembrane	LS	1	1985	32	2045	\$ 332,910	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Miscellaneous	LS	1	1985	32	2045	\$ 127,086	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sludge laydown cell	LS	1	2015	2	2215	\$ 9,049,812	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 16,578,420		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ -
- Priority 2 \$ -
- Priority 3 \$ 16,578,420

Township of Chapleau Asset Management Plan
Environmental Services - Sanitary Sewer System
Waste Water Treatment Plant - Building and Process Equipment

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement											
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Building Structure	%	61%	1985	32	2065	\$ 518,648	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	7%	1985	32	2018	\$ 16,458	Priority 1	\$ 16,458	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Mechanical	%	25%	1985	32	2018	\$ 57,749	Priority 1	\$ 57,749	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	7%	1985	32	2018	\$ 23,466	Priority 1	\$ 23,466	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Blowers			2008	9	2028	\$ 19,916	Priority 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,916
Replaced Roofing	LS	1%	2013	4	2043	\$ 11,497	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Genset Transfer Switch			2016	1	2046	\$ 16,921	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewage Auto Sampler			2016	1	2036	\$ 16,547	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 681,201		\$ 97,672	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,916

Total future replacement requirement:
- Priority 1 \$ 97,672
- Priority 2 \$ 19,916
- Priority 3 \$ 563,613

Township of Chapleau Asset Management Plan
Environmental Services - Waste Disposal
Landfill Site - Cell Development

Item	Unit	Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement												
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Cell 6 and 8	m3	17000	2014	3	NA	\$ -	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Landfill Fencing	LS	1	2017	0	2067	\$ 18,157	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 18,157		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ -
- Priority 2 \$ -
- Priority 3 \$ 18,157

Township of Chapleau Asset Management Plan
Environmental Services - Waste Disposal
Landfill Site - Building (Attendant Shelter)

Item	Unit	Percentage of Total or Quantity	Year Installed*	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement												
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Building Structure	%	74%	1999	18	2079	\$ 30,534	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	20%	1999	18	2029	\$ 3,066	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Mechanical	%	3%	1999	18	2019	\$ 377	Priority 1	\$ -	\$ 377	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	3%	1999	18	2029	\$ 460	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 34,437		\$ -	\$ 377	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ 377
- Priority 2 \$ -
- Priority 3 \$ 34,060

Township of Chapleau Asset Management Plan
Environmental Services - Waste Disposal
Landfill Site - Building (Storage)

Item	Unit	Percentage of Total or Quantity	Year Installed*	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement												
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Building Structure	%	81%	1999	18	2079	\$ 145,778	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	17%	1999	18	2029	\$ 11,367	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	2%	1999	18	2029	\$ 1,337	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		100%				\$ 158,483		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ -
- Priority 2 \$ -
- Priority 3 \$ 158,483

Township of Chapleau Asset Management Plan
Environmental Services - Waste Disposal
Landfill Site - Building (Garage)

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement												
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Building Structure	%	82.7%	2004	13	2084	\$ 679,152	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	15%	2004	13	2034	\$ 45,786	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Mechanical	%	2%	2004	13	2024	\$ 5,006	Priority 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,006	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	0.3%	2004	13	2034	\$ 915	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 730,840		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,006	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ -
- Priority 2 \$ 5,006
- Priority 3 \$ 725,834

Township of Chapleau Asset Management Plan
General Government - Corporate Management
General Government - Building (Innovation Centre)

SOLD in 2011 - deleted entires

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement											
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Building Structure	%	0.0%					Priority 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	0%					Priority 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Mechanical	%	0%					Priority 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	0.0%					Priority 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:

*Priority 1 #REF!
 *Priority 2 #REF!
 *Priority 3 #REF!

Township of Chapleau Asset Management Plan
Recreation and Cultural Services - Recreational Facilities
Playground Equipment

Item	Unit	Percentage of Total or Quantity	Year Installed*	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement										
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Playground Equipment #1 incl's site work	%	30%	2001	16	2061	\$ 128,535	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Playground Equipment #2 incl's site work	%	30%	2001	16	2061	\$ 128,535	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ball field	%	40%	1978	39	2038	\$ 108,682	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Park Fixtures (benches/tables)			2013	4	2063	\$ 85,624	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 451,376		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ -
- Priority 2 \$ -
- Priority 3 \$ 451,376

Township of Chapeau Asset Management Plan
Recreation and Cultural Services - Cultural Services
Museum - Building

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement											
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Building Structure	%	82%	1967	50	2047	\$ 546,005	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	8%	2006	11	2036	\$ 42,842	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Mechanical	%	2%	1967	50	2018	\$ 7,499	Priority 1	\$ 7,499	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	8%	1967	50	2018	\$ 29,996	Priority 1	\$ 29,996	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HVAC Unit	1	LS	2016	1	2036	\$ 626,343	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ducts and slab for HVAC	1	LS	2016	1	2096	\$ 116,389	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Concrete walkway/accessibility ramp	1	LS	2017	0	2067	\$ 137,036	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Door operator (accessibility)	1	LS	2017	0	2047	\$ 12,185	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 1,518,299		\$ 37,495	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ 37,495
- Priority 2 \$ -
- Priority 3 \$ 1,480,803

Township of Chapleau Asset Management Plan
Health Services - Cemeteries
Cemeteries - Building (Vault)

Item	Unit	Percentage of Total or Quantity	Year Installed	Age	Replacement Year	Estimated Future Value of Replacement	Investment Priority Classification	Projected Replacement Requirement											
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Building Structure	%	91.5%	1988	29	2068	\$ 209,970	Priority 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Envelope	%	8%	1988	29	2018	\$ 6,821	Priority 1	\$ 6,821	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Siteworks	%	0.5%	1988	29	2018	\$ 426	Priority 1	\$ 426	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		100%				\$ 217,217		\$ 7,247	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total future replacement requirement:
- Priority 1 \$ 7,247
- Priority 2 \$ -
- Priority 3 \$ 209,970

Township of Chapleau Asset Management Plan

**Protection Services - Fire, Transportation Services - Roadways, Winter Control and Air Transportation,
Environmental Services - Waste Collection and Waste Disposal, Recreation and Culture Services - Recreational Facilities**

*Fire - vehicles, Fire - Truck Equipment, Fire - Personal Equipment and Attire, Road Maintenance - Vehicles, Road Maintenance - Equipment,
Winter Control - Vehicles, Winter Control - Equipment, Airport - Vehicles, Garbage Collection Vehicles, Landfill Site - Vehicles, Parks and Recreation Vehicles*

Year	Make	Model	Age	Service Life (yrs)	Year of Expected Replacement	Estimated FV Replacement Cost	Investment Priority Classification	Projected Replacement Requirement											
								Immediate	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
2005	Dodge	1/2 Ton Pick Up	12	12	2018	\$32,678	Priority 1	\$ 32,678	0	0	0	0	0	0	0	0	0	0	0
2006	Chevrolet	1/2 Ton Pick Up	11	12	2018	\$26,409	Priority 1	\$26,409	0	0	0	0	0	0	0	0	0	0	0
1999	Ford	F350 c/w Dump & Hoist	18	15	2018	\$67,045	Priority 1	\$67,045	0	0	0	0	0	0	0	0	0	0	0
1974		20 Ton Float Trailer	43	35	2018	\$54,855	Priority 1	\$54,855	0	0	0	0	0	0	0	0	0	0	0
1991	Champion	740 Road Grader w/acc.	26	20	2018	\$302,162	Priority 1	\$302,162	0	0	0	0	0	0	0	0	0	0	0
1993	Johnston	Street Sweeper	24	20	2018	\$126,163	Priority 1	\$126,163	0	0	0	0	0	0	0	0	0	0	0
1988	Yazoo	Mower 41-PTOB-S	29	20	2018	\$12,190	Priority 1	\$12,190	0	0	0	0	0	0	0	0	0	0	0
1995	GMC	5-ton Fuel Truck / Tank	22	15	2018	\$142,096	Priority 1	\$142,096	0	0	0	0	0	0	0	0	0	0	0
1998	John Deere	644G Loader w/blower,bucket,forks&wing	19	20	2018	\$382,182	Priority 1	\$382,182	0	0	0	0	0	0	0	0	0	0	0
1994	Thompson	Steamer	23	20	2018	\$13,409	Priority 1	\$13,409	0	0	0	0	0	0	0	0	0	0	0
2004	Freightliner	FL80 refuse truck	13	12	2018	\$221,720	Priority 1	\$221,720	0	0	0	0	0	0	0	0	0	0	0
1992	Ford	Converted Ambulance	25	20	2018	\$97,520	Priority 1	\$97,520	0	0	0	0	0	0	0	0	0	0	0
1982	GMC	Cube Van	35	20	2018	\$48,760	Priority 1	\$48,760	0	0	0	0	0	0	0	0	0	0	0
1977	Ford	Pumper Truck	40	25	2018	\$243,799	Priority 1	\$243,799	0	0	0	0	0	0	0	0	0	0	0
1989	Ford	Van	28	20	2018	\$42,665	Priority 1	\$42,665	0	0	0	0	0	0	0	0	0	0	0
2002		Breathing apparatus (12 sets)	15	15	2018	\$54,643	Priority 1	\$54,643	0	0	0	0	0	0	0	0	0	0	0
1999	CAT	950G Loader w/acc.	18	20	2019	\$392,042	Priority 1	0	\$392,042	0	0	0	0	0	0	0	0	0	0
1994	DBH	Thawing Unit / Generator	23	25	2019	\$147,297	Priority 1	0	\$147,297	0	0	0	0	0	0	0	0	0	0
2004		Infra Red Camera	13	15	2019	\$14,790	Priority 1	0	\$14,790	0	0	0	0	0	0	0	0	0	0
2000	CAT	416C Backhoe	17	20	2020	\$137,695	Priority 1	0	0	\$137,695	0	0	0	0	0	0	0	0	0
2008	Chevrolet	1/2 Ton Pick Up	9	12	2020	\$26,671	Priority 1	0	0	\$26,671	0	0	0	0	0	0	0	0	0
2005		Turnout gear/PPE (32 sets)	12	15	2020	\$64,090	Priority 1	0	0	\$64,090	0	0	0	0	0	0	0	0	0
2006		Manifold	11	15	2021	\$9,198	Priority 1	0	0	0	\$9,198	0	0	0	0	0	0	0	0
2010	GMC	Sierra W/T 15	7	12	2022	\$26,714	Priority 1	0	0	0	\$26,714	0	0	0	0	0	0	0	0
1997	Ford	F800 Pumper	20	25	2022	\$269,059	Priority 1	0	0	0	\$269,059	0	0	0	0	0	0	0	0
1998		8x12 Utility Trailer	19	25	2023	\$5,383	Priority 1	0	0	0	0	\$5,383	0	0	0	0	0	0	0
2011		Electric Pressure Washer	6	12	2023	\$8,517	Priority 1	0	0	0	0	\$8,517	0	0	0	0	0	0	0
2011	International	Plow Truck w/wing and sander	6	12	2023	\$211,557	Priority 1	0	0	0	0	\$211,557	0	0	0	0	0	0	0
2003	Bomag	BC572 RB Compactor	14	20	2023	\$543,802	Priority 1	0	0	0	0	\$543,802	0	0	0	0	0	0	0
2012	Ford	Pickup Truck	5	12	2024	\$28,774	Priority 2	0	0	0	0	0	\$28,774	0	0	0	0	0	0
2009		Safety Equipment	8	15	2024	\$17,192	Priority 2	0	0	0	0	0	\$17,192	0	0	0	0	0	0
2013		Transit Bus	4	12	2025	\$106,865	Priority 2	0	0	0	0	0	0	\$106,865	0	0	0	0	0
2010		Radios/Pagers (38 units)	7	15	2025	\$25,827	Priority 2	0	0	0	0	0	0	\$25,827	0	0	0	0	0
2014	Ford	1/2 Ton Pick Up	3	12	2026	\$27,194	Priority 2	0	0	0	0	0	0	0	\$27,194	0	0	0	0
2014	Peterbilt	Refuse truck	3	12	2026	\$348,527	Priority 2	0	0	0	0	0	0	0	\$348,527	0	0	0	0
2014	Ford	1/2 Ton Pick Up (4wd)	3	12	2026	\$33,962	Priority 2	0	0	0	0	0	0	0	\$33,962	0	0	0	0
2014	Ford	1/2 Ton Pick Up	3	12	2026	\$27,194	Priority 2	0	0	0	0	0	0	0	\$27,194	0	0	0	0
2001	Zamboni	Ice Resurfacers	16	25	2026	\$70,857	Priority 2	0	0	0	0	0	0	0	\$70,857	0	0	0	0
2014		Sewer Camera	3	15	2029	\$17,077	Priority 3	0	0	0	0	0	0	0	0	0	0	0	0
2009		Blower	8	20	2029	\$171,329	Priority 3	0	0	0	0	0	0	0	0	0	0	0	0
2009		Extraction equipment	8	20	2029	\$16,329	Priority 3	0	0	0	0	0	0	0	0	0	0	0	0
2014		Rescur Airbag	3	15	2029	\$8,210	Priority 3	0	0	0	0	0	0	0	0	0	0	0	0
2005	Cargo Mate	Trailer	12	25	2030	\$13,085	Priority 3	0	0	0	0	0	0	0	0	0	0	0	0
2011	Toro	Zero turn mower	6	20	2031	\$10,469	Priority 3	0	0	0	0	0	0	0	0	0	0	0	0
2007	Feightliner	Pumper Truck MS 106	10	25	2032	\$340,048	Priority 3	0	0	0	0	0	0	0	0	0	0	0	0
2013		Sidewalk Machine	4	20	2033	\$213,985	Priority 3	0	0	0	0	0	0	0	0	0	0	0	0
2015		Sludge Disposal Trailer	2	25	2040	\$12,136	Priority 3	0	0	0	0	0	0	0	0	0	0	0	0
2016		Bear bins	1	25	2041	\$28,967	Priority 3	0	0	0	0	0	0	0	0	0	0	0	0
2008		One Way Plow	9	35	2043	\$29,726	Priority 3	0	0	0	0	0	0	0	0	0	0	0	0
						\$5,272,860		\$1,868,293	\$554,129	\$228,455	\$9,198	\$295,773	\$769,259	\$45,966	\$132,692	\$507,733	\$0	\$0	\$0

Total future replacement requirement:
 - Priority 1 \$3,725,107
 - Priority 2 \$686,391
 - Priority 3 \$861,361.92

