

Piers Island Improvement District Capital Asset Planning Workbook

Assets by Capital Reserve Fund Group

PIID Buildings and Lands Capital Asset Reserve Fund

2015

Category	Asset	Units	Quantity	\$/per	Total	Avg.	Current	Per Year		Year Acquired	Estimated	Estimated	Estimated	Fourth	Fifth	Sixth	Seventh	Replacement
						Lifespan	Age	Years	NFPA	Per Year	Year Acquired	Replacement	Second	Third	replacement	replacement	replacement	
Fire Hall Structure	Fire Hall Structure External				\$ 260,000.00	80	22	\$ 3,250.00	1993	2073	2153	2233	2313	2393	2473	2553		
Fire Hall Structure	Fire Hall Structure Internal				\$ 22,000.00	50	22	\$ 440.00	1993	2043	2093	2143	2193	2243	2293	2343		
Fire Hall Structure	Foundation				\$ 30,000.00	80	22	\$ 375.00	1993	2073	2153	2233	2313	2393	2473	2553		
Fire Hall Structure	Roof (metal)				\$ 30,000.00	40	22	\$ 750.00	1993	2033	2073	2113	2153	2193	2233	2273		
Fire Hall Structure	Finishings				\$ 14,000.00	40	22	\$ 350.00	1993	2033	2073	2113	2153	2193	2233	2273		
Fire Hall Structure	Electric (wiring, heating, lighting)				\$ 20,000.00	50	22	\$ 400.00	1993	2043	2093	2143	2193	2243	2293	2343		
Fire Hall Structure	Overhead Doors				\$ 10,000.00	30	2	\$ 333.33	2013	2043	2073	2103	2133	2163	2193	2223		
Fire Hall Structure	Doors and windows				\$ 10,000.00	30	2	\$ 333.33	2013	2043	2073	2103	2133	2163	2193	2223		
Fire Hall Structure	Kitchen appliances				\$ 6,000.00	20	15	\$ 300.00	2000	2020	2040	2060	2080	2100	2120	2140		
Fire Hall Structure	Utilities - Water hookup, plumbing, septic				\$ 15,000.00	50	22	\$ 300.00	1993	2043	2093	2143	2193	2243	2293	2343		
Old Fire Hall	Old Fire Hall Structure External				\$ 14,000.00	60	45	\$ 233.33	1970	2030	2090	2150	2210	2270	2330	2390		
Old Fire Hall	Old Fire Hall Structure Internal				\$ 5,000.00	50	35	\$ 100.00	1980	2030	2080	2130	2180	2230	2280	2330		
Old Fire Hall	Foundation				\$ 6,000.00	60	45	\$ 100.00	1970	2030	2090	2150	2210	2270	2330	2390		
Old Fire Hall	Roof (metal)				\$ 6,000.00	40	1	\$ 150.00	2014	2030	2070	2110	2150	2190	2230	2270		
Old Fire Hall	Finishings				\$ 1,000.00	40	25	\$ 25.00	1990	2030	2070	2110	2150	2190	2230	2270		
Old Fire Hall	Electric (wiring, heating, lighting)				\$ 4,000.00	50	35	\$ 80.00	1980	2030	2080	2130	2180	2230	2280	2330		
Old Fire Hall	Doors and windows				\$ 2,000.00	25	10	\$ 80.00	2005	2030	2055	2080	2105	2130	2155	2180		
Old Fire Hall	Bathroom and fittings				\$ 5,000.00	20	5	\$ 250.00	2010	2030	2050	2070	2090	2110	2130	2150		
Old Fire Hall	Utilities - Water hookup, plumbing, septic				\$ 3,000.00	50	35	\$ 60.00	1980	2030	2080	2130	2180	2230	2280	2330		
Other Assets	Dolphin Road Compound Fencing & Gates				\$ 30,000.00	50	37	\$ 600.00	1978	2028	2078	2128	2178	2228	2278	2328	Dolphin Road Property Assessed Value is \$540,000	
Other Assets	Dolphin Road Compound Lighting/Electrical				\$ 9,000.00	45	20	\$ 200.00	1995	2040	2085	2130	2175	2220	2265	2310		
Other Assets	Dolphin Road Shed & Ramp				\$ 10,000.00	50	37	\$ 200.00	1978	2028	2078	2128	2178	2228	2278	2328		
Other Assets	McKenzie Cres. Roadbed & Drainage																	
Other Assets	Piers Island Boat Ramp				\$ 15,000.00	45	30	\$ 333.33	1985	2030		2075	2120	2165	2210	2255	2300	Ministry of Transport
Other Assets	Public Dock & Access																	Ministry of Transport SGI Harbours Commission
Structural Subtotals					\$ 527,000.00			\$ 9,243.33										
							<i>Per Lot</i>	\$ 70.56										

PIVFD Vehicles and Major Equipment Capital Reserve Fund

Category	Asset	Units	Quantity	\$/per	Total	Avg.	Current	Per Year		Year Acquired	Estimated	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement
						Lifespan	Age	Years	NFPA	Per Year	Year Acquired							
PIVFD Equipment	Large Portable Pumps	each	2	\$10,000.00	\$ 20,000.00	25	13	\$ 800.00	2002	2027	2052	2077	2102	2127	2152	2177		
PIVFD Equipment	Small Portable Pumps		4	\$2,500.00	\$ 10,000.00	10	7	\$ 1,000.00	2008	2018	2028	2038	2048	2058	2068	2078		
PIVFD Equipment	SCBA (Breathing Apparatus)	Sets	4	\$5,000	\$ 20,000.00	15	5	\$ 1,333.33	2010	2025	2040	2055	2070	2085	2100	2115		
PIVFD Equipment	Pumper/Tanker	used	1	\$70,000	\$ 70,000.00	15	8	\$ 4,666.67	2007	2022	2037	2052	2067	2082	2097	2112		
PIVFD Equipment	4 x 4 Fire/Rescue	new	1	\$130,000.00	\$ 130,000.00	40	35	\$ 3,250.00	1980	2020	2060	2100	2140	2180	2220	2260		
PIVFD Equipment	Golf cart/command	new	1	\$7,000.00	\$ 7,000.00	12	9	\$ 583.33	2006	2018	2030	2042	2054	2066	2078	2090		
PIVFD Equipment	Ambulance - Type IV	new	1	\$25,000.00	\$ 25,000.00	40	38	\$ 625.00	1977	2017	2057	2097	2137	2177	2217	2257		
PIVFD Equipment	Tractor & Attachments	new	1	\$44,000.00	\$ 44,000.00	20	12	\$ 2,200.00	2003	2023	2043	2063	2083	2103	2123	2143		
PIVFD Equipment	Large Generator		1	\$25,000.00	\$ 25,000.00	25	11	\$ 1,000.00	2004	2029	2054	2079	2104	2129	2154	2179		
PIVFD Equipment	911 Systems, wiring and Sirens		1	\$20,000.00	\$ 20,000.00	40	25	\$ 500.00	1990	2030	2070	2110	2150	2190	2230	2270		
PIVFD Equipment	Miscellaneous Emergency Equip		1	\$5,000.00	\$ 5,000.00	10	8	\$ 500.00	2007	2017	2027	2037	2047	2057	2067	2077		
Equipment Subtotals					\$ 376,000.00			\$ 16,458.33										
							<i>Per Lot</i>	\$ 125.64										

Domestic Potable Water System Reserve Fund

Category	Asset	Units	Quantity	\$/per	Total	Avg.	Current	Per Year		Year Acquired	Estimated	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement
						Lifespan	Age	Years	NFPA	Per Year	Year Acquired							
Water System	Piers Road Vault, Valve & Meter				\$ 3,000.00	60	43	\$ 50.00	1972	2032	2092	2152	2212	2272	2332	2392		
Water System	Piers Road Supply Line (100m 3")				\$ 40,000.00	80	43	\$ 500.00	1972	2052	2132	2212	2292	2372	2452	2532		
Water System	Marine Line (1400m 2" PE)				\$ 50,000.00	50	17	\$ 1,000.00	1998	2048	2098	2148	2198	2248	2298	2348		
Water System	Marine Line (1400m 1 1/2" PE)				\$ 50,000.00	50	17	\$ 1,000.00	1998	2048	2098	2148	2198	2248	2298	2348		
Water System	Distribution Line & Valves (3500m 3" PVC)				\$ 788,000.00	80	43	\$ 9,850.00	1972	2052	2132	2212	2292	2372	2452	2532		
Water System	Service Connections (123 @ 1/4")				\$ 92,000.00	80	43	\$ 1,150.00	1972	2052	2132	2212	2292	2372	2452	2532		
Water System	Service Meters (123)				\$ 30,000.00	40	16	\$ 750.00	1999	2039	2079	2119	2159	2199	2239	2279		
Water System	Standpipes (21@ 2" Incl 1@ 2"-3")				\$ 38,000.00	40	7	\$ 950.00	2008	2048	2088	2128	2168	2208	2248	2288		
Water System	Pump House #1, Structure & Piping				\$ 15,000.00	60	7	\$ 250.00	2008	2068	2128	2188	2248	2308	2368	2428		
Water System	Pump House #2, Structure & Piping				\$ 15,000.00	60	6	\$ 250.00	2009	2069	2129	2189	2249	2309	2369	2429		
Water System	Pump House #2, Chlorination System				\$ 27,000.00	20	6	\$ 1,350.00	2009	2029	2049	2069	2089	2109	2129	2149		
Water System	Pump House #3, Structure & Piping				\$ 10,000.00	60	43	\$ 166.67	1972	2032	2092	2152	2212	2272	2332	2392		
Water System	Pump House #3, Disinfection Equipment				\$ 15,000.00	20	13	\$ 750.00	2002	2035	2055	2075	2095	2115	2135	2155		
Water System	Wooden Storage Tank (40,000 gal)				\$ 220,000.00	40	43	\$ 5,500.00	1972	2022	2062	2102	2142	2182	2222	2262		
Water System	Tank Supply Line (140m 4" PVC)				\$ 36,000.00	80	43	\$ 450.00	1972	2052	2132	2212	2292	2372	2452	2532		
Water System	Electrical Control System				\$ 8,500.00	50	43	\$ 170.00	1972	2022	2072	2122	2172	2222	2272	2322		
Water System	Upper & Lower Reservoir Fencing				\$ 35,000.00	50	24	\$ 700.00	1991	2041	2091	2141	2191	2241	2291	2341		
Water System	Upper & Lower Reservoir Platforms				\$ 8,000.00	10	7	\$ 800.00	2008	2018	2028	2038	2048	2058	2068	2078		
Water System	Lower Reservoir Hydrant				\$ 16,000.00	80	1	\$ 200.00	2014	2094	2174	2254	2334	2414	2494	2574		
Water System	Air Valves				\$ 15,000.00	40	7	\$ 375.00	2008	2048	2088	2128	2168	2208	2248	2288		
Water System	Golf Cart				\$ 7,000.00	15	3	\$ 466.67	2012	2027	2042	2057	2072	2087	2102	2117		
Water System Subtotals					\$ 1,518,500.00			\$ 26,678.33										
							<i>Per Lot</i>	\$ 203.65										

Capital Asset Totals 2014 dollars

\$ 2,421,500.00

\$ 52,380.00

Per Lot \$ 399.85