

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

ENVIRONMENTAL

PROJECT DESCRIPTION	2023 CAPITAL BUDGET			2024		2025	
	TOTAL COST	REVENUE	NET COST	TOTAL	NET	TOTAL	NET
Water Pollution Control Plants							
Archimedes Pump Replacement (P1)	300,000	-300,000	0	0	0	0	0
McGill Pump Replacement	150,000	-150,000	0	0	0	0	0
Ozone Redundancy (P1)	300,000	-300,000	0	200,000	0	0	0
Pump Station Wetwell Aspirators	45,000	-45,000	0	0	0	0	0
Chlorine Destruct Unit - (P2)	250,000	-250,000	0	0	0	0	0
Heat Exchanger Replacement (P2)	45,000	-45,000	0	0	0	0	0
Digester Mixing Pump # 3 (P2)	90,000	-90,000	0	0	0	0	0
Upgrade Gas Train (P2)	200,000	-200,000	0	0	0	0	0
SBR Cleanout	200,000	-200,000	0	0	0	0	0
Repurpose Headworks Building (P1)	25,000	-25,000	0	0	0	0	0
WAS Wetwell Pump #1 (P1)	25,000	-25,000	0	25,000	0	0	0
Brick Repair Primary/Secondary (P2)	25,000	-25,000	0	0	0	0	0
SCADA Field Wiring	50,000	-50,000	0	0	0	0	0
Driveway Repairs (P1)	0	0	0	200,000	0	0	0
Liquid Oxygen Storage Tank (P1)	0	0	0	75,000	0	0	0
Electrical Upgrades (P2)	0	0	0	250,000	0	0	0
Alum Feed Pumps (P2)	0	0	0	75,000	0	0	0
Aerated Grit Chamber Upgrades (P2)	0	0	0	250,000	0	0	0
Primary Clarifier Arms (P2)	0	0	0	250,000	0	0	0
Truck # 13 Replacement	0	0	0	35,000	0	0	0
Boiler Replacement (P2)	0	0	0	0	0	250,000	0
McGill Pump Valve/Piping Replacement	0	0	0	0	0	200,000	0
Brook Rd Pump Station Building Repairs	0	0	0	0	0	50,000	0
Brook Rd Pump Station Monorail Systems	0	0	0	0	0	100,000	0
Total Environmental	1,705,000	-1,705,000	0	1,360,000	0	600,000	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: This pump has been in place since 1969 (53 years). It is the third of three Archimedes Pumps in use at Plant #1. The other two pumps were replaced in 2008 and 2009. The third pump is rarely used due to its inefficiency. It has become necessary to replace this third pump to sustain the Plant flow whenever either of the other two pumps are down for maintenance. Public Consultation Process No		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Archimedes Pump Replacement - Plant #1			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	300,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	300,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Replace Pump #1 at the McGill Pump Station. The mechanical seal has failed and water (i.e. sewage) is leaking into oil. This pump is 10 years old. New pump will have new N-Impellor design that reduces the risk of the pump plugging.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION McGill Pump Replacement	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	150,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	150,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Plant #1 has been transitioning away from chlorine as its primary disinfectant and moving exclusively to ozone. The ozone system provided disinfection for the 2022 disinfection season, however, chlorine is still being used as the backup when the ozone is down for maintenance because the ozone system lacks redundancy. Full redundancy will be phased in over the next 2 years and chlorine will than be eliminated. If chlorine is not replaced, expensive chlorine safety equipment will need to be installed per new E2 Regulations.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Ozone Redundancy - Plant #1	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	300,000	200,000	
6. NET REQUIREMENTS:	300,000	200,000	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	-300,000	-200,000	
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: A new wetwell aspiration technology eliminates FOG (i.e. Fat/Oil/Grease) and reduces BOD from Sanitary Pump Stations. This will save between \$10,000-\$50,000 annually in wetwell cleanouts. Brook and McGill Pump Stations. Public Consultation Process No		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Pump Station Wetwell Aspirators			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	45,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	45,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: In the event of a chlorine leak, legislation requires that a system be in place to draw in and neutralize chlorine gas. This is a requirement under the new Environment Emergency regulations. The chlorinator and regulators also needs to be replaced.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Chlorine Destruct Unit - Plant #2	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	250,000		
6. NET REQUIREMENTS:	250,000	0	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	-250,000		
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG CAPITAL BUDGET 2023 - 2025

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works DEPARTMENT: Environmental Services 1. PROJECT NAME & DESCRIPTION Heat Exchanger Pump #2 - Plant #2	3. PROJECT DETAIL & JUSTIFICATION: Replace original Heat Exchanger Pump #2 that has been in service for 30 years. Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES			
CONTRACTUAL	45,000		
CAPS BASED ON \$			
DIRECT REVENUES			
GRANTS & SUBSIDIES			
OTHER			
6. NET REQUIREMENTS:	45,000	0	0
TO BE FINANCED FROM:			
DEBENTURES			
OWNERS			
RESERVES - Sewer	-45,000		
OTHER			
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works <hr/> DEPARTMENT: Environmental Services <hr/> 1. PROJECT NAME & DESCRIPTION Digester Mixing Pump #3 - Plant #2	3. PROJECT DETAIL & JUSTIFICATION: Replace Digester Mixing Pump #3 that has been in service for 30 years. Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES			
CONTRACTUAL	90,000		
CAPS BASED ON \$			
DIRECT REVENUES			
GRANTS & SUBSIDIES			
OTHER			
6. NET REQUIREMENTS:	90,000	0	0
TO BE FINANCED FROM:			
DEBENTURES			
OWNERS			
RESERVES - Sewer	-90,000		
OTHER			
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Stantec consulting identified several deficiencies in the Plant #2 methane gas train at Plant #2. The upgrades are required to meet TSSA regulations.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Upgrade Gas Train - Plant #2	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	200,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	200,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Once the new SBR has been commissioned, the old SBR will be removed from service, cleaned and repaired. Repairs have not been possible in the past because the system has been in continuous use.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION SBR Cleanout	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	200,000		
6. NET REQUIREMENTS:	200,000	0	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	-200,000		
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: To render the old headworks building usable, all of the old equipment needs to be removed and the upper channel filled and covered. Once renovated the building can be used for storage and a maintenance shop. Public Consultation Process No		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Repurpose Headworks Building - Plant #1			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	25,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	25,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: The Waste Activated Sludge (WAS) flows to a wetwell located in the lower level of the Thickener Building at Plant #1. Lift pumps move the WAS from the wetwell up into the Thickener Tank. The two lift pumps are over 30 years old and in need of replacement. Pump #1 is to be replaced in 2023 and Pump #2 in 2024.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION WAS Wetwell Pump #1 - Plant #1	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	25,000	25,000	
6. NET REQUIREMENTS:	25,000	25,000	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	-25,000	-25,000	
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: The outer bricks of the primary and secondary digesters at Plant #2 are in poor condition. The dilapidated bricks must be replaced to prevent damage to the underlying structures. Public Consultation Process No		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Brick Repair Primary and Secondary Digester - Plant #2			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	25,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	25,000		0
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Several pieces of equipment in the digester building are not wired into the Plant SCADA system. An electrician is required to install the missing conduits and cabling to allow this equipment to be monitored and controlled by the Plant #2 SCADA system.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION SCADA Field Wiring	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER	50,000		
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	50,000		0
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: The driveway to Plant #1, from King St W all the way up to the front gate needs to be removed, a new gravel base laid and heavy traffic asphalt installed. The condition has been poor for several years but proper repair has been deferred to coincide with paving on King St W (i.e. LUSI installing a new watermain on King St W between Burnham to Ontario). Expected to commence in 2024.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Driveway Repairs - Plant #1	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER		200,000	
6. NET REQUIREMENTS:	0	200,000	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER		-200,000	
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: The ozone disinfection system at Plant #1 currently has an oxygen generator and storage system. However, if this system were to fail, there is no redundancy to allow the ozonation of the effluent to continue. Installation of a concrete pad will allow Praxair to deposit a large oxygen storage tank on site. The volume of this tank will be electronically monitored and refilled by Praxair when oxygen levels become low.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Liquid Oxygen Tank - Plant #1	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER		75,000	
6. NET REQUIREMENTS:	0	75,000	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER		-75,000	
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: The motor control centers and wiring from the initial construction in 1984 need to be upgraded to current standards. The Watson Full Cost Recovery Report specified replacement in 2009, however, annual inspections indicated that electrical systems were still adequate. The MCC's and wiring are now at an age where replacement is necessary. Due to the scope of this undertaking this upgrade is being prioritized and upgraded in phases beginning in 2024.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Electrical Upgrades - Plant #2	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER		250,000	
6. NET REQUIREMENTS:	0	250,000	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER		-250,000	
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Alum is pumped into the wastewater stream to remove phosphorus, which is a restricted pollutant specified in the Plant #2 Environmental Compliance Approval (ECA). The existing alum feed pumps are due for replacement. There are (2) duty and one (1) standby pump to be replaced.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Alum Feed Pumps (3) - Plant #2	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER		75,000	
6. NET REQUIREMENTS:	0	75,000	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER		-75,000	
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: The Aerated Grit Chamber at Plant #2 was part of the original installation in 1984. The Plant flow has increased to a level where the Aerated Grit Chamber capacity is insufficient to adequately remove the grit. As more subdivisions are tied into the Plant #2 sanitary collection system, the need to upgrade the grit removal system becomes more critical. Given the physical limitations of the current system, it will be necessary to alter the concrete infrastructure to increase its volume or tie it in to an off-line, stand alone grit classifier. Public Consultation Process No		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Aerated Grit Chamber Upgrade - Plant #2			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER		250,000	
6. NET REQUIREMENTS:	0	250,000	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER		-250,000	
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: The Primary Clarifier's mechanical sweep arms and center column are 40 years old and need to be replaced.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Primary Clarifier Arms - Plant #2	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER		250,000	
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	0	250,000	0
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: In accordance with the Town's Vehicle Replacement By-law 078-2014, the age of truck #13 indicates that it would be due for replacement in 2022. As required, the truck has been assessed and determined that the cost of repairs to keep the vehicle operational were not significant and therefore the vehicle will be reassessed annually before it is budgeted for replacement. Public Consultation Process No		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Truck #13 Replacement			
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER		35,000	
6. NET REQUIREMENTS: TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Vehicle Replacement OTHER	0	35,000	0
7. ANNUAL TAX REQUIREMENT	0	-35,000	0
	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: The Clever Brooks Boiler was the original installed at Plant #2 in 1984 (40 yrs. old). In 2003, Plant #2 added a second Anaerobic Digester but did not increase the boiler capacity. The boiler requires replacement due to its age but should be upgraded to a capacity better able to handle the added volume of the second digester.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Boiler Replacement - Plant #2	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER			250,000
6. NET REQUIREMENTS:	0	0	250,000
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER			-250,000
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: Per the CIMA Asset Management Report conducted in 2022, all the piping and valves in the McGill St Pump Station require replacement. These items are original equipment from 1981 (44 years).		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION McGill Pump Station - Piping and Valve Replacement	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER			200,000
6. NET REQUIREMENTS:	0	0	200,000
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER			-200,000
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: The CIMA Asset Management Report conducted in 2022 identified several structural items (brick, concrete, doors, windows) to be replaced. These items are original equipment from the Pump Station construction in 1988 (37 years). These repairs/replacements are necessary to maintain the structural integrity of the building.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Brook Rd Pump Station - Building Repairs	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER			50,000
6. NET REQUIREMENTS:	0	0	50,000
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER			-50,000
7. ANNUAL TAX REQUIREMENT	0	0	0

**TOWN OF COBOURG
CAPITAL BUDGET 2023 - 2025**

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	3. PROJECT DETAIL & JUSTIFICATION: The CIMA Asset Management Report conducted in 2022 identified corrosion on the monorail systems in both the upper and lower levels. The monorail systems are original from the Pump Station construction in 1988 (37 years). The monorails are used to lift heavy equipment (e.g. pumps) from the lower levels. Corrosion of the monorail will compromise the structural integrity of the system. Failure of the monorail system could result in serious injury to personnel and/or damage to expensive equipment.		
DEPARTMENT: Environmental Services			
1. PROJECT NAME & DESCRIPTION Brook Rd Pump Station - Monorail Systems	Public Consultation Process No		
2. COMMITMENTS MADE:	4. EFFECTS ON FUTURE OPERATING BUDGETS:		
	2023	2024	2025
5. EXPENDITURES CONTRACTUAL CAPS BASED ON \$ DIRECT REVENUES GRANTS & SUBSIDIES OTHER			100,000
6. NET REQUIREMENTS:	0	0	100,000
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER			-100,000
7. ANNUAL TAX REQUIREMENT	0	0	0