

8.2 b)



Capital Plan

2018-19

Capital Budget Summary



Total Capital Budget **\$8,428,425**

Funded By:

Borrowing:	\$6,067,467(SW, Water and Sewer)
Operating Reserve:	\$282,000
Gas Tax Reserve:	\$891,800
Wind Revenue Reserve:	\$380,000
Sewer Reserve:	\$105,500
Grants:	\$432,927
Operating Budget:	\$138,731
Area Rate:	\$130,000

Trails: Bridge Evaluations

\$25,000



External Funding: \$25,000 Gas Tax

Net Costs: 0

Start : June 2018

Multi-Year Project: Yes

Procurement Method: Engineering Services
Contract (RFP)

Description

Bridge Evaluation for Little East River Bridge and
Goat Lake Bridge.

Rationale

Required by our Letter of Authority from DNR; Will
ensure safe trail infrastructure for trail users.

Trails:
East River
Trail

\$25,000



External Funding: Gas Tax \$9K; TD Grant \$16K

Net Costs: 0

Start: May 2018

Multi-Year Project: No

Procurement Method: Heavy Equipment Contract

Description

Enhance walking trail on Municipal Property in East River; Signage, trail markers and bridge construction to connect to Rum Runners Trail.

Rationale

Improved access to the Property

Trails: Swing Gates

\$7,800



External Funding: \$7.8K Gas Tax

Net Costs: 0

Start: May 2018

Multi-Year Project: Yes

Procurement Method: Heavy Equipment Contract

Description

Continuation of the transition from trail bollards to swing gates

Rationale

Improve access to trail for emergency and maintenance purposes

Rural Broadband/ Internet

\$50,000



External Funding:

Start: May 2018

Net Costs: \$50,000 (from Reserve)

Multi-Year Project: Yes (\$6.75 M)

Procurement Method: High Value Procurement (HVP) - RFP

Description

Speed Study (existing upload/download); Detailed business plan development

Rationale

Information is necessary to qualify for funding

Landfill (Valley)

Second Tower
Site
\$170,000
(pre-budget)



External Funding: no

Start: Feb 2018

Net Costs: \$170,000

Multi-Year Project: No

Procurement Method: High Value
Procurement(HVP)- Tender

Description

Location of a second site for disbursement of treated leachate; Completion of Project started in 2017-18

Rationale

Guarantee regulatory compliance and mitigate risk of high nitrite levels

Landfill
Chlorine
Contract
Chamber

\$30,000



External Funding: No Start: May 2018

Net Costs: \$30,000 (Area Rate)

Multi-Year Project: no

Procurement Method: LVP- Quotes

Description

Purchase and installation of two well crocks for treatment during emergency situations (ie. during heavy rain events)

Rationale

To control potential overflows from severe weather events

Landfill:
Electronic
Gate (Valley)

\$20,000



External Funding: \$0

Start: May 2018

Net Costs: \$20,000

Multi-Year Project: No

Procurement Method: Low Value Procurement (LVP) - Quotes

Description

Installation of pass card controlled gate for afterhours use and security control

Rationale

Enable afterhours use without requiring the use of staff hours

Anaerobic Digester

\$5,000,000



External Funding: TBD

Start: April 2018

Net Costs: \$5,000,000

Multi-Year Project: Yes (to be finished in 2019)

Procurement Method: HVP– Tender; RFP

Description

Design, Purchase and implementation of Wet Anaerobic Digestion Technology for organics processing and energy generation

Rationale

Generation of Non-Tax Revenue; Organics Processing solution

Economic Development

Business/
Industrial Park
Development
\$380,000



External Funding: \$0 Start: May 2017

Net Costs: \$380,000 (Reserve Funding)

Multi-Year Project: Yes (\$1.25M)

Procurement Method: Engineering Services
Contract; HVP- Tender

Description

Land Purchase, design and preliminary construction (clearing, grubbing, access/some road construction)

Rationale

Be investment ready with sites ready to be developed.

Flood Plain Modelling

\$100,000



External Funding: \$100K Gas Tax

Net Costs: 0

Start: May 2018

Multi-Year Project: No

Procurement Method: HVP- Engineering Services Contract

Description

Use of LiDAR data to generate flood plain modelling

Rationale

Used for Emergency Management Purposes, Informed decision making on Land Use Planning and increase public awareness

Shared
Services:
Bldg./Fire/
Dangerous
and Unsightly

\$115,000



External Funding: \$ 115,000 Start: April 2018

Net Costs: \$40,606

Multi-Year Project: Yes (2 Years; remainder TBD)

Procurement Method: High Value - RFP

Description

Purchase of Scheduling, Permit Tracking Software, and Records Management Software

Rationale

Facilitates regional delivery of service to mitigate risks in service delivery that exists

Highway 3 – Streetscape Plan

\$650,000



External Funding: \$650K Gas Tax

Net Costs: 0

Start: May 2018

Multi-Year Project: Yes

Procurement Method: Engineering Services
Contract; HVP – Tender ;NSDOTIR

MD6

Description

Align with NSDOTIR Highway 3 improvements-
Marriott's Cove to East Chester- Paved Shoulders;
intersection improvements (TBD); Trail /pedestrian
enhancements near Victoria Road and Train
Station

Rationale

Facilitate safe active transportation and vehicle

Slide 14

MD6 Procurement method correct?
Matthew Davidson, 2/8/2018

Fire Inspector Vehicle

\$45,000



External Funding: 0

Start: June 2018

Net Costs: \$45,000 (Operating Reserve)

Multi-Year Project: No

Procurement Method: HVP- Tender

Description

Purchase of vehicle; Not a replacement- former employee received mileage

Rationale

More economical to provide truck than pay mileage; Vehicle will be rotated amongst fleet as it ages.

Ortho Photography

\$100,000



External Funding: \$100K Gas Tax

Net Costs: 0

Start: May 2018

Multi-Year Project: No (5 years)

Procurement Method: RFP

Description

Geo-rectified Aerial image of the Municipality of Chester

Rationale

Asset Management, Landfill Cell Management, Erosion Characteristics, Urban and Municipal Planning, Tax Base Correction, Government Mapping, Watershed Mapping.

Sewer Cleaning & Videoing

\$10,000



External Funding: \$5K PCAP Start: May 2018

Net Costs: \$5,000 (Area Rate)

Multi-Year Project: Yes (Yr. 5 of 5)

Procurement Method: LVP– Tender/RFP

Description

Continuation of cleaning and videoing sewer lines mainly in Western Shore and Chester.

Rationale

Reduces the potential of sewer blockages, improves service and provides information for asset management program; enables master plan to be developed for repairs.

Sewers- Manhole Repairs/ Infiltration

\$30,000



External Funding: \$15K PCAP Start: May 2018

Net Costs: \$15,000 (Area Rate)

Multi-Year Project: Yes (Yr. 5 or 5)

Procurement Method: LVP– Tender/RFP

Description

Locate, inspect and repair manholes in Otter Point, Western Shore and Chester

Rationale

Addresses inflow and infiltration; improves waste water treatment efficiency; reduces overflows; improves access to sewer; best practice

Sewers- Lift Station Panel Upgrades

\$30,000



External Funding: No Start: May 2018

Net Costs: \$30,000 (Area Rate)

Multi-Year Project: Yes

Procurement Method: LVP- Tender

Description

Assess/Prioritize and replace panels in lift stations deemed critical for replacement. Hope to include SCADA

Rationale

Replace outdated technology to improve reliability of station, response time to service interruptions, data collection and staff efficiency.

Sewers- Pump Replacement

\$20,000



External Funding: no Start: May 2018

Net Costs: \$20,000 (Area Rate)

Multi-Year Project: Yes- Annual allowance

Procurement Method: Alternative Procurement

Description

Allowance to replace a limited amount of pumps associated with collection and treatment

Rationale Enables purchase of pumps in the event of breakdown (where cost is too high for repairs)

Chester
V. Sewer-
WWTP
Improvement

\$50,000



External Funding: 0 Start: May 2018

Net Costs: \$50,000 (Sewer Reserve)

Multi-Year Project: No

Procurement Method: Engineering Services
Contract (RFP)

Description

Design Phase : Convert to UV, improve sludge
handling, aeration, flow equalization.

Rationale

Improve wastewater treatment and adherence to
NSP Approval to Operate

Mill Cove-
WWTP
Upgrades
(Carry over to
finish project)

\$115,000
(*Pre-Budget*)



External Funding: \$86 K Completed: June 2018

Net Costs: \$28K

Multi-Year Project: No

Procurement Method: Existing contracts in place

Description

Complete Mill Cove WWTP upgrades started in 2017-18

Rationale

Already approved; Carrying over funds to complete project

Western Shore- WWTP

\$530,000
(Pre-Budget)



External Funding: \$236K Completed : June 2018

Net Costs: \$293K

Multi-Year Project: No

Procurement Method: Existing contracts in place

Description

Complete Western Shore WWTP Upgrades started in 2017-18

Rationale

Already approved; Carrying over funds to complete project

Chester
Basin- WWTP
Increase
Capacity

\$30,000



External Funding: \$0 Start: May 2018

Net Costs: \$30,000 (Area Rate)

Multi-Year Project: yes

Procurement Method: Engineering Services
Contract

Description

Concept and Design phase; Address permit requirements – flow monitoring, reduce I&I and disinfection

Rationale

Increase capacity to meet needs of the serviced community and enable economic growth in the central area

Otter Point- Sewer- Expansion

\$42,500



External Funding: 0 Start: May 2018

Net Costs: \$42,500 (reserve)

Multi-Year Project: No

Procurement Method: Engineering Services
Contract

Description

Design the second leg (Plant expansion) based on the original design, replace outfall, and incorporate UV disinfection.

Rationale

Need to meet permit effluent requirements, which are presently not being met.

Chester V.
Sewer-
Property
Improvements

\$10,500



External Funding: 0 Start: May 2018

Net Costs: \$10,500 (Sewer Reserve)

Multi-Year Project: No

Procurement Method: Low Value Procurement

Description

Roof replacement (metal); installation of feed line from permanently located generator to building (as opposed to using portable)

Rationale

Maintaining existing infrastructure, extending life, improving efficiency of staff during power outages

Chester V. - Central Water

\$500,000



External Funding: 0

Start: May 2018

Net Costs: \$500,000

Multi-Year Project: No

Procurement Method: Engineering Services
Contract

Description

Design Phase- based on selected water source design transmission line, treatment, distribution and reservoirs.

Rationale

Address need identified and socio-economic benefit (subject to verification by study)

Municipal
Building
Improvements-

\$125,000



External Funding: 0

Start: May 2018

Net Costs: \$125,000 (Reserve)

Multi-Year Project: Yes

Procurement Method: Internal resources;
Engineering Services Contract; LVP

Description

Main Bldg.- Water system upgrades, roof repair due to leaks; side cedar shakes are rotten; Annex-Vestibule; Stairwell; Side Entrance; Overall Facility Audit re: Accessibility Regulations

Rationale

Address deficiencies and OH&S issues

Vehicle Replacement

\$45,000



External Funding: \$0 Start: May 2018

Net Costs: 45,000 (reserves)

Multi-Year Project: No

Procurement Method: HVP - Tender

Description

Replacement of Building Inspection Truck ; Transferring existing truck to Kaizer Meadows to replace Hybrid

Rationale

Continuity in delivery of service; reduce maintenance costs; Existing Truck is a 2011 with 100,400 kms

Mobile Radar Unit

\$10,000



External Funding: 0 Start: May 2018

Net Costs: \$10,000

Multi-Year Project: No

Procurement Method: LVP

Description

Purchase of Mobile Radar Unit to aid in Motor Vehicle Act enforcement (speeding).

Rationale

Reduce vehicle speeds, ensure safe roads.

Mill Cove –
Fire
Protection
System
(Water)

\$20,000



External Funding: 0 Start: May 2018

Net Costs: \$20,000

Multi-Year Project: Yes

Procurement Method: Engineering Services Contract

Description

Either undertake the design of (1) of the three options for the rehabilitation of the Fire Protection System or if determined feasible, the design of system decommissioning

Rationale

Recommendation from the Mill Cove Fire Suppression System Evaluation. Fire Protection is currently compromised

Mill Cove-
Fire
Protection
System –
Repairs

\$35,000



External Funding: \$0 Start: May 2018

Net Costs: \$35,000

Multi-Year Project: Y

Procurement Method: Low Value Procurement

Description

Replace portions of the distribution branches and associated Fire Hydrants

Rationale

Recommendation from the Mill Cove Fire Suppression System Evaluation. Fire Protection is currently compromised

Duke Street- Sidewalk Drainage

\$40,000



External Funding: 0 Start: May 2018

Net Costs: \$40,000

Multi-Year Project: No

Procurement Method: Sole Source

Description

Poor drainage of surface water, pooling before catch basin impacting road shoulder and private property. Road to be resurfaced to better direct water to catch basin

Rationale

Eliminate property damage, traffic hazard and effect on pedestrians.

Request NSDOTIR to do work; MODC to cover costs.

Chester Basin- Wharf Repairs

\$65,125
(Pre-Budget)



External Funding: 0 Start: May 2018

Net Costs: \$65,125 + \$17,000 (Reserve)

Multi-Year Project: No

Procurement Method: LVP

Description

As per Engineering assessment - Deck replacement; repair two sides of wharf.

Rationale

Extend the life of an existing asset for recreational use.

10 Year Capital Plan

Major Investments



2019- 2028

ITEM	AMOUNT
Sewers	\$6,356,000
Admin Bldg.	\$650,000
Central Water (25%)	\$6,000,000*
Broadband/Internet	\$6,750,000
Highway 3	\$900,000
Industrial Park	\$1,250,000
Fire Protection	\$1,205,000

* Needs to be adjusted once report finalized (approx. \$14M)