

CAPITAL BUDGET 2015-16

MUNICIPALITY OF THE DISTRICT OF CHESTER



SUMMARY

Category	Total	Oper Reserve	Gas Tax Reserve	Parkland Reserve	Equip Reserve	Sewer Reserve	Grants	Area Rate	Oper-ations	Borrow
Recreation	\$289,000		\$30,000	106,000			\$70,000		\$84,000	\$0
Solid Waste	\$531,800									\$531,800
Eco Park	\$10,000	\$10,000								
Kaizer Meadows Turbine	\$50,000	\$50,000 (wind)								
Comm Dev't	\$264,000	\$150,000 (\$120K-wind)	\$100,000						\$14,000	
IT	\$62,640				\$25,140				\$37,500	
Public Works	\$3,514,000	\$76,000	\$325,000			\$350,000	\$1,403,584	\$116,250	\$102,500	\$1,140,666
TOTAL	\$4,662,940	\$286,000	\$445,000	\$106,000	\$25,140	\$350,000	\$1,473,584	\$116,250	\$237,000	\$1,672,466

RECREATION AND PARKS



2015-16 Capital Projects

Gold River Bridge Repairs

\$110,000

Category 1



External Funding : 0

Start : May 2015

Procurement Method: Tender (HVP); Engineering Contract

Description

Replacement of the fixed and expansion bearings. Repair the vegetation and repoint the mortar in the granite peers

Rationale

2013 inspection by SNC Lavalin recommended work to be completed to ensure integrity and extend the life of the bridge. The work planned were the top priorities noted

Trail Surface Upgrades (AT6.20)

\$90,000

Category 2



External Funding \$65,000 Start :June 2015

Net Costs \$25,000

Multi Year Project : Future Years TBD

Procurement Method: Heavy Equipment Contract

Description

Upgrades to have 10ft trail (surface upgrades, ditch cleanout, grading, topcoat material, six inches of crusher dust rolled and compacted) to enable safe trail use

Rationale

Part of the Rum Runners Trail; targets cycling tourism

Trails – Swing Gate

\$15,000

Category 1



External Funding :\$5,000 (OHV)

Start: July 2015

Net Costs \$10,000

Procurement Method: Tender (LVP)

Description

Change from a Bollard System to a Swing Gate to control trail access. Approximately 25 gates to be installed

Rationale

Area behind bollards is getting dug up through use very quickly, leaving the base of the bollards exposed and thus prohibiting access by emergency and maintenance vehicles .Swing Gates is the Best Practice by Trail Groups to ensure access

New Ross Trail Connector (AT 6.1)

\$20,000

Category 3



External Funding \$ 0 Start: May 2015

Multi- Year Project: Construction 2016-17 approx.
\$70,000

Procurement Method: Engineering Services Contract /
Heavy Equipment Contract

Description (Design / Construction)

Construction of a trail from New Ross School to the Ross Farm;

Rationale

Identified in Active Transportation (AT) Playbook; Create a safe route from School to Ross Farm. It is anticipated the Education Centre at New Ross Farm will increase the need for this route. This is also part of a larger project – “The Cross” to the farm

Gold River – Land Acquisition

\$54,000

Category 2



External Funding: \$0

Multi-Year Funding: N/a

Procurement Method: Contract Negotiations/ Land Appraisal

Description

In-Camera- Land Negotiations

Rationale

Opens Space Opportunity

KAIZER MEADOW



2015-16 Capital Projects

Front End Loader

\$217,000

Category 1



External Funding \$0 in Grants Start: April 2015

Valley Waste = approx. 87 % of costs

Procurement Method : Standing Offer

Description

New Front End Loader. Existing Loader to remain for site work until long range plans are finalized

Rationale

Existing Loader (2009 930 HCAT) has 7,670 hours on it. New Loader is anticipated to be 20% more fuel efficient

Fire Suppression System

\$7,800

Category 1



External Funding \$0

Valley Waste = approx. 87 % of costs

Annual Service contract \$200

Procurement Method: Tender (LVP)

Description

To equip 316 Excavator with an automatic fire suppression system (activated manually or by heat exposure)

Rationale

OH& S risk mitigation measure; Excavator is exposed to landfill fires

Second Tower Site

\$200,000

Category 1



External Funding \$0

Valley Waste = 87 % of costs

Operating Budget Impact: \$5,000 annual (electrical and sampling)

Procurement Method: Tender (HVP), Engineering Contract

Description

Recommended by SNC Lavalin as a modification to the treatment train; to give a fallow period for one site.

Rationale

To rectify concerns with nitrate treatment

Back up Pump (for Leachate Collection)

\$16,000

Category 2



External Funding \$0

Valley Waste = 87 % of Costs

Procurement Method: Tender (LVP)

Description

Acquire pumps (Advantax and Leachate) to have as back up pumps on-site when needed

Rationale

System is served by two main pumps. If these fail, they are difficult to source and if our system shuts down we cannot operate

Surface Pond Clean out

\$19,000

Category 2



External Funding: \$0

Valley Waste = 87 % of Costs

Procurement Method: Tender (LVP) and In-house

Description

Clean-out of silt

Rationale

Under heavy rainfall, ponds do not settle suspended solids as well as they once had. This is the result of an increasing amount of silt in the ponds

Vehicle Replacement

\$35,000

Category 1



External Funding \$0 Start: April 2015

Procurement Method: Tender (HVP)

Description

Replacement of 2004 Dakota (300,000 km) used for curbside inspections

Rationale

Escalating Maintenance Costs;

Metal box and lift gate for 1 Ton Truck

\$14,000

Category 1



External Funding \$0 Start: April 2015

Procurement Method: Tender (LVP)

Description

Add hydraulic lift gate for effective use of vehicle

Rationale

OH& S issue; reduces staff required to complete pick ups of waste/ carts by staff

Chlorination for Sewer Ponds

\$15,000

Category 1



External Funding \$0 Start: April 2015

Procurement Method : Tender (LVP)

Operating Budget Impact: Increase of \$3,000 per year

Description

Reinstate chlorination treatment for sewer ponds. It will enable the diversion of water due to heavy rain events from the leachate treatment system

Rationale

Reduces load on treatment system when heavy rain occurs and mitigates risk of berm failure

Asbestos Drop Off Container

\$8,000

Category 2



External Funding \$0

Procurement Method: Tender (LVP)

Operating Budget Impact: \$1,500 costs; savings based on recent events can be up to \$35,000

Description

Discontinue handling/treatment of asbestos burial on site; Commercial Waste to go direct to other approved facility; Drop off Container to be used by residents .

Rationale

Risk and costs in handling material can be significant. This enables service to continue to residential customers.

Value in product is no longer present, 2014-15 \$7,000 in tipping fees and \$45,000 in expenses.

Eco Park Promotional Material

\$10,000

Category 2



External Funding: \$0

Start: Fall 2015

Procurement Method: Tender (LVP)

Description

Upon completion of Branding and Marketing Strategy;
Development of promotional material

Rationale

Required to effectively market Kaizer Meadows

Kaizer
Meadows- Wind
Turbine
Transformer
\$50,000



External Funding \$0

Start: Summer 2015

Procurement Method: Alternative Procurement

Description

NSPI is requiring that the Transformer be replaced. This has been an issue for several Enercon Turbines

Rationale

A requirement of NSPI

Community Development



2015-16 Capital Projects

Fire Services- District Review

\$20,000

Category 3



External Funding \$0 Start: TBD

Procurement Method: Tender (LVP)

Description

Review that would be precipitated from inability to negotiate a Fire Services Contract with Village Commission

Rationale

Required to ensure continuity in the deliver of Fire Services

Fire Services- Equipment

\$10,000

Category 2



External Funding \$0

Start: April

Procurement Method: Quotes (LVP)

Description

Purchase of district training / response equipment to be maintained centrally and used by all fire departments. Specific equipment is recommended by the Fire Chiefs

Rationale

There is a need for training and response equipment

Flood Risk Mapping (Lidar)

\$100,000

Category 2



External Funding \$0 Start April 2015

Procurement Method: RFP (HVP)

Description

Acquire Lidar data for coastal areas (and possibility Gold, Middle and East Rivers floodplains). This will include data collection, processing and analysis.

Rationale

Construction of flood risk maps to support planning initiatives to protect communities and areas that are vulnerable to coastal flooding from storm surges and long term sea level rise.

Accurate data to identify areas at risk and support decision making

GPS Unit

\$14,000

Category 2



External Funding \$0 Start: April 2015

Procurement Method: Tender (LVP)

Description

Purchase of an additional GPS unit for the collection of data points for civic addressing as well as building foot prints

Rationale

GPS is used by Civic Address Coordinator and Building Official to collect data in the field (building foot prints, etc). Existing GPS has demands on it for use by multiple departments, making it unavailable for use at times.

Signage

\$20,000

Category 2



External Funding \$0 Start: TBD

Procurement: Tender (LVP)

Description

Allowance for signage requests to support tourism, economic development and community identity (i.e.. Farmers market)

Rationale

Supports economic development and tourism, which are priorities of Council (i.e.. Farmer's market, first impressions, Village of Chester sign on Hwy 3)

Business / Industrial Park Development

\$100,000

Category 2



External Funding \$0 Start: TBD

Multi Year Project: Future Cost TBD

Procurement Method: RFP (HVP)

Description

Funds for property acquisition and design; Pending results of Business / Industrial Park Development Study

Rationale

A feasibility study is underway to determine if there is a need to develop a business/industrial park and the best locations. Funds in the 2015-16 will enable MODC to act if the recommendation is to proceed with land acquisition / development.

INFORMATION SERVICES



2015-16 Capital Projects

Transfer to Equipment Reserves

\$12,500

Category 1



External Funding N/A

Multi Year Reserve Transfer

Description

Transfer funds (\$12,500) into reserve for future server replacement costs (every 4 years)

Rationale

Industry Best Practice; Lessens Borrowing requirements and impact on future rates

Hardware Upgrades

\$15,000

Category 1



External Funding \$0 Start: n/a

Procurement Method: RFQ (LVP)

Description

IT Infrastructure such as network switches, fire walls, UPS, racks etc.

Rationale

Ongoing / Required IT maintenance

Sophos Access Points (6)

\$5,140

Category 1



External Funding \$0 Start: Sept2015

Procurement Method: RFQ (LVP)

Description

Upgrade existing access points at the Administration Building

Rationale

Current access points do not meet current standards or load requirements at peak demand.

Shoretel HQ Server

\$5,000

Category 1



External Funding \$0 Start: June 2015

Procurement Method: Tender (LVP)

Description

Refreshing of the Shoretel HQ Server on a 4 year cycle.

Rationale:

The Shoretel HQ Server is responsible for all management of our phone system including housing voicemail, switch programming and user management. This server should be refreshed every 4 years.

Audio System Upgrades- Council Chambers

\$25,000

Category 2



External funding \$0 Start: Sept2015

Procurement method: Tender (LVP)

Description

Upgrade audio system in council chambers

Rationale

Current audio and microphone system is inadequate for large meetings. This only includes upgrading amplifier, microphones and speakers.

Public Works

2015-16 Capital Projects



Zoe Valle Library Roof Replacement

\$12,000

Category 2



External Funding \$0 Start Date: Sept 2015

Procurement Method: Tender (LVP)

Description (Construction)

Replace Asphalt Roof Shingles

Rationale

Current roof is 10-15 years old and is starting to leak

Gold River School Renovations

\$702,000

Category 1



External Funding \$0 Start Date:
Ongoing

Ph2 of 3;

Procurement Method: In house, Tender (LVP/HVP),
Engineering Contract

Operating Budget Impact: Increase of \$50,000

Description (Construction)

Hazardous Material Abatement; New pitched roof;
renovation of first floor for occupancy (7 class rooms,
washroom and office)

Rationale

As per direction of Council to address space / functional
issues

Municipal Bldg. Repairs

\$45,000

Category 1



External Funding : \$0

Start Date: June 2015

Procurement Method: Tender (LVP)

Description (Construction)

Well and Treatment System; Disconnect communications and back up power; misc. interior /exterior repairs; committee room update

Rationale

Potential lease of annex building may warrant disconnection of shared services; misc. repairs / renovations

Collection
System(s) cleaning
& Videoing

\$27,500

Category 1



External Funding \$13,750 (PCAP – Pending)

Multi-Year: Ph. 4 of 5. Ph. 5 estimated at \$30,000

Procurement: Tender (LVP)

Description (Inspection)

Part of Infiltration and Inflow reduction program. Collection System cleaned and then videoed through CCTV. Enables identification of deficiencies and the development of “master plan” for repairs. Areas to be done, Chester (between Queen and Duke); Western Shore (Hwy 3 between Swinimer Rd and Station Rd and side roads); Mill Cove- Outfall

Rationale

Improves wastewater treatment; reduces costs of transmittance and treatment of wastewater; reduces overflows ; enables master plan to be developed

Manhole Repairs & Infiltration Reduction \$85,000 (Phase 4 of 5)

Category 1



External Funding \$ 42,500 (PCAP Application Pending)

Procurement Method: Sewer Repair Contract, Tender (LVP)

Description (Construction)

Manhole Inspection, Repair, Raised to Surface :Western Shore (31), Chester (42) and Mill Cove (5) . Contracting out Heavy Equipment and Traffic Control; In-house labour.

Rationale

Addresses Inflow and Infiltration; Improves waste water treatment efficiency; reduces overflows; reduces cost of transmittance and wastewater; best practice

WWT- Pump Replacements

\$40,000

Category 3



External Funding \$0 Start: Unknown

Multi-Year : Ongoing

Procurement Method: Alternative Procurement

Description (Maintenance)

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 of repair is too high)

WWTP – Western Shore

\$660,100

Category 1



External Funding \$ 442,267 (SCF- Pending)

Net Costs with Funding \$217,833

Start: June 2015. Ph. 1 of Multi Phases

Procurement Method: Tender (HVP), Engineering Contract

Description (Construction)

Replacement of disinfection system with UV, new office with improved storage, lab equipment, plant automation

Rationale

Improve efficiency of treatment process, operator controls and site safety; Enable plant to handle increased frequency and severity of storms

Operational savings with UV System versus chlorination

Western Shore Collection System – Ph. 2

\$1,105,900

Category 1



External Funding \$ 740,953 (SCF- Pending)

Net Costs \$364,947

Start : June 2015

Procurement Method: Tender (HVP), Engineering
Contract

Description (Construction)

Lift Station 3- refurbishment of controls and SCADA; new piping and valve chambers and forcemain replacements due to failures (relocation from Hwy 3 to Swinimer Rd and DNR trail)

Rationale

Improve transmittance process; addresses numerous forcemain breaks, improved operator controls and site safety

OTTER POINT Pump Station

1

\$40,000

Category 1



External Funding \$0

Start: Sept 2015

Operating Budget Impact : Estimated \$2,000 in Annual Savings

Procurement Method: Tender (LVP), Engineering Contract

Description (Construction)

Utilizing as much of the original components as possible-relocate lift station out of the travelled way, replace components in poor condition and update controls with SCADA

Rationale

Lift station is currently in the travelled way and is negatively impacted by road maintenance and runoff; location complicates maintenance due to required safety measures (traffic control)

Mill Cove WWTP – Replacement

\$30,000 (Ph. 1 of
2)

Category 1



External Funding \$0 Start: June 2015
Ph. 1 of 2 Phases. Phase 2 estimated at \$300,000
Procurement Method: Engineering Services Contract

Description (Design)

New WWTP , incorporating Advantex Treatment system, using existing outfall, with capacity to treat existing customers, plus properties fronting system

Rationale

Existing system is 50 years old, in poor condition and at risk of failure; Comprehensive review in 2013 recommended replacement

Mill Cove Rds.- Rehabilitation

\$30,000 (Ph. 1 of
2)

Category 2



External Funding \$0 Start Date: June 2015

Ph. 1 of 2 . Phase 2 estimated at \$300,000

Procurement: Engineering Services Contract

Operating Budget Impact: Estimated annual savings
\$5,000

Description Evaluate condition of Parkwood, Lake, Foxwood and Trail /sidewall, including storm drainage system. Tender Package for repairs associated with Foxwood Dr; Attempt to complete some repairs

Rationale

Of MODC owned roads, these are in the worst condition and most in need of repair

Mill Cove Fire Protection System

\$40,000

Category 1



External Funding \$0 Start Date: June

Year 1 of 2; Phase 2 costs TBD

Procurement Method: Engineering Services Contract

Description (Evaluation)

Evaluation of fire protection service infrastructure

Rationale

Requirement of NSUARB as part of Decommissioning of Water Utility, provided capital costs are not significant. Assessment is required to determine options and costs

Chester Basin Wharf Repairs

\$55,000

Category 1



External Funding \$0 Start: TBD (based on usage)

Procurement Method: Tender (LVP)

Description (Construction)

2014 Inspection identified need for repairs. Repairs to deck boards, crib timbers, signage, driveway/parking lot, retaining wall, bollards. Structural analysis to be completed to determine allowable load on wharf (i.e.. Parking)

Rationale

Part of an Asset Management / Risk Mitigation Program for public use .

Chester Basin WWTP Improvements

\$30,000

Category 2



External Funding \$0 Start: June 2015

Operating Budget Impact- Increased costs (approx. 25%), less revenue from connections (estimated at \$7,200)

Procurement Method: Engineering services contract

Description (Design)

Design for a new WWTP that services existing customer base as well as 12 additional connections, at a new location (behind Croft Rose Park)

Rationale

Existing system is at capacity; location is at risk of flooding; identified as a flood risk in MCCAP

Chester Bain Sidewalk Lighting

\$20,000

Category 3



External Funding \$0 Start June 2015

Operating Budget Impact- TBD- Energy savings on existing lights; 5 new lights

Procurement Method : Tender (LVP)

Description (Construction)

Convert existing sidewalk lights(18) to LED and install new LED lights (5) along sidewalk

Rationale

Improve energy efficiency of sidewalk lighting

Complete work that was originally planned

Chester Basin Retaining Wall

\$40,000

Category 3



External Funding	\$20,000	Start	August 2015
Net Costs	\$20,000		
Procurement Method: Tender (LVP)			

Description (Construction)

Replace current retaining wall which is in poor condition and near collapse; Replace with sea wall blocks or granite boulders, complete with drainage

Rationale

Wall was originally constructed in the 1980's as part of a beautification program. MODC does not own the wall, but was involved in the installation

Chester (V)- WWTP Property Improvements

\$20,000

Category 2



External Funding \$0

Start: June 2015

Procurement Method: Tender (LVP)

Description (Construction)

Installation of aluminum railings around two (2) clarifiers and one (1) aerobic digester, as well as make repairs to the perimeter fence

Rationale

Improve site safety

Chester (V) Sidewalk

\$160,000

Category 3



External Funding \$0 Start: Sept 2015

Operating Budget Impact: \$1300 per year in maintenance costs

Procurement Method: Tender (HVP)

Description (Construction)

NSTIR approved sidewalk installed from corner of Pleasant Street to Civic No. 55 , Duke Street (\approx 100 m)

Rationale

Design and construction originally planned in three phases However, the third phase was then broken up into two (2) phases, A and B.

Chester (V) Pump Station 3 Improvements

\$15,000

Category 2



External Funding \$0 Start June 2015

Multi-Year Project: Phase 1 of 2; Ph. 2 estimated at \$150,000

Procurement Method: Engineering Services Contract

Description (Design)

Assess current lift station 3 and complete design for pumps, , rails, wiring, floats, ultrasound/pressure transducer, cover, access, flow monitoring, over flow protection, back up power, SCADA etc., deal with I& I and flooding issues. (location – intersection of Pig Loop Road and Duke)

Rationale

To ensure lift station can deal with increased frequency and severity of storms; improve efficiency of transmittance process, operator controls and safety

Chester WWTP Improvements

\$350,000

Category 1



External Funding \$0

Start : June 2015

Multi – Phases: Phase 1 of 2; Ph. 2 estimated at \$250,000

Procurement Method: Tender (HVP)

Description (construction)

Installing infrastructure and equipment to improve process control and data collection (SCADA, provide back up emergency power, improve secondary treatment (non-fouling aerators) and waste activated sludge handling

Rationale

To enable handling of increased frequency and severity of storms; improve efficiency of treatment process, operator controls and site safety