

# **FIVE-YEAR CAPITAL BUDGET 2016/2017 - 2020/2021**

Connie Nolan, CPA, CA  
Chief Administrative Officer  
February 24<sup>th</sup>, 2016



**EAST HANTS**  
**We live it!**

# Table of Contents

INTRODUCTION ..... 1

RECOMMENDED MOTION TO COUNCIL ..... 3

FIVE-YEAR CAPITAL BUDGET SUMMARY ..... 4

CAPITAL PROJECT REPORTS ..... 12



# INTRODUCTION

The Municipality of East Hants prepares a proposed five-year capital budget on an annual basis for review and approval by Council. The budget assigns a project number that will remain with the project until completion. Each project is detailed on a Capital Project Report form. This format provides a summary of all projects by fiscal year, as well as a single reference page for each project.

The Capital Project Reports in the 2016/2017 - 2020/2021 capital budget may include:

- projects approved in prior years that are expected to continue beyond March 31st, 2016;
- projects approved for further study in prior years that have not yet been actioned, but are still proposed as a requirement on a go forward basis;
- new projects proposed to Council for approval to commence in any of the years 2016/2017 through 2018/2019;
- new projects proposed to Council for approval for further study to commence in any of the years 2016/2017 through 2020/2021.

Each capital project requires source(s) of funding, be it from operations, reserves, debenture, or an external agency. Over the years, the Municipality has established various reserves in the following categories:

- general capital reserves (funded through revenue each year);
- special reserves (monies set aside for a specific purpose);
- infrastructure reserves (trunk sewer and water fees); and
- depreciation reserves (water utility).

As projects progress through their timelines, alternate sources of funding may become available in lieu of reserve or debenture financing. For example, other projects may / may not have proceeded as planned thereby freeing up reserve monies, other projects may have been completed under budget, external funding opportunities may become available, etc. Staff is seeking approval to alter the form of funding where necessary to maximize the financial benefit to the Municipality; **however, in no situation will staff use this authority to increase the amounts to be debentured.**

The Municipality of East Hants Budget Management Policy (Section 8.1) outlines the ability of the CAO to authorize budget over-expenditures within certain defined parameters. Expenditures exceeding the amounts set by policy, which have not been specifically approved as part of the Capital Budget, will require specific Council approval prior to expending funds.

The time frames indicated for each capital project are estimates only. Certain projects included in this budget are subject to forces that may prevent or delay spending. In these instances, the approved spending limits are carried over to the following fiscal period. Conversely, capital projects that involve the purchase of a single item do not carry over from year to year, unless the procurement of that item is underway; depending on the value of the procurement, this would require, for example, that competitive bids had already been received, or that a tender or RFP had already been issued.

All expenditure amounts in this document include all relevant non-reimbursable taxes.

For each capital project, the following key data is provided on the Capital Project Reports:

**Project #** - Reference number for capital budget item. This will not change from year to year; the first two digits indicate the initial year in which the project was approved by Council in a capital budget (i.e. capital projects approved in 2010/2011 were assigned project numbers in the format 10-xxx; capital projects, subject to approval in 2011/2012 are assigned project numbers in the format 11-xxx, and so on).

**District** - This is intended to approximate the geographical location or primary area of impact for the project.

**Department** - Reflects the department that is ultimately responsible for the project.

**Asset Category/Life Expectancy** - assigned based on classes of tangible capital assets.

**Initial Approval** - This section reflects the fiscal year when the project was initially approved, as well as the mode of approval (ie. Capital Budget, Council Motion, or Council Policy). Projects that were "Approved for Further Study" in prior years are not reflected in this section.

**Estimated Completion Date** - for projects funded by debt, this date provides information related to estimated timing for debenture issuance and related carrying costs. For other projects, this information is used to estimate balances in various reserves and for staff planning purposes.

**Work Order #** - Used internally for posting and tracking capital expenditures and budgets. Where no work order is shown, one will be generated following the passing of the capital budget.

**Previously Approved Detail** - Total amount already approved by Council, either through a Council motion, a prior Capital Budget, or in accordance with the Council Policy.

**Approval Sought** - An amount that requires Council approval, and for which Council has not previously provided approval through a prior year capital budget, by Council motion, or through the Council Policy. It is possible that funds will be sought for re-approval through this field if prior approval to spend these funds has lapsed. Where a project is already in progress (has funds showing in the "Previously Approved" rows), the approval sought amount would represent a supplemental request for funds.

**Approval Sought for Further Study** - In the case of tentative or uninvestigated items, Council is asked to approve the budget in principle, but not give authority to proceed with a purchase. There is nothing firm about the numbers in this section; they represent an estimate by staff - a "ball park" number. By approving the budget, Council is authorizing staff to utilize staff time on studying relevant options, thereby acknowledging or verifying the worthiness of the proposed project. A report back to Council, seeking approval to proceed, will be required.

**Estimated Spending by Year** - This information will be used primarily by the Finance Department to plan for financing of multi-year projects. Multi-year construction projects typically have only a portion of the costs earmarked to be spent in any one year; for example, on a sidewalk project, the amount in year one may represent design, while the remaining funds for construction are budgeted in the following year(s).

**Sources of Funding** - This section provides details of all proposed internal (ie. from various reserves or from operations) and external funding sources, such as Build Canada Fund (BCF), Gas Tax or other funding partners, based on information available at the time of budget preparation. Any funding requirements for a particular project in excess of the estimated sources of funding will require debt financing. Where projects have been identified for "Further Study", sources of funding have been identified for planning purposes only; this does not constitute authority to proceed with debt issuance or withdrawal from reserves.

**Net Budget - Funded by Debt** - Municipal debt financing is based on parameters established by the provincial department of Service Nova Scotia and Municipal Relations.

**Project Summary** - A brief description of the nature of the project, including links to other projects, departments and/or operational requirements.

**Project Objectives/Deliverables** - Specific outcomes to be expected from the spending of these funds.

## MOTION TO COUNCIL

Move to recommend to Council that the five-year Capital Budget for the fiscal years 2016/2017 to 2020/2021 as presented be approved and adopted effective April 1<sup>st</sup>, 2016. Administration is given approval to proceed with the previously approved capital projects and those in the “Approval Sought” sections, subject to any conditions limiting such projects in previous motions of Council or in policies of Council. Should time permit, staff are authorized to embark on projects in this Capital Budget that require long-term pre-planning prior to April 1<sup>st</sup>, 2016. Projects “Approved for Further Study” are approved in principle only; amounts identified as “Approved for Further Study” cannot be expended prior to presentation of a full report to Council for consideration or approval through a future capital budget process. Where time permits, staff are given approval to proceed with “Approval Sought” projects from 2017/2018 prior to April 1<sup>st</sup>, 2017;

And that, any projects approved in the 2015/2016 Capital Budget not reflected as carried forward to the 2016/2017 Capital Budget, but that are substantially committed at March 31<sup>st</sup>, 2016, shall be carried forward to 2016/2017, based on the remaining budget at March 31<sup>st</sup>, 2016;

And that, this five-year estimate of capital spending form the Capital Investment Plan (CIP) as required by the Federal and Provincial government funding agreements;

And that, the Water Utility sections of this budget are permitted to stand alone as the East Hants Water Utility Capital Budget as required by the Nova Scotia Utility and Review Board (UARB);

And that, staff be given authority to alter the source(s) of funding where necessary, but in no case shall the amounts to be debentured increase without prior approval of Council;

And that, Council seek Ministerial approval for a temporary borrowing resolution (TBR) for any amounts in this Capital Budget under the “Debenture/Debt” category of funding;

And that, pre-approval to borrow amounts in this Capital Budget under the “Debenture/Debt” category of funding for a term not to exceed twenty-five (25) years at a rate not to exceed 6.5%.

# FIVE-YEAR CAPITAL BUDGET SUMMARY

The following schedules summarize Capital Projects, organized into sections for each fiscal year of the five-year capital budget, based on the upcoming year when spending is estimated to first occur on the project.



## Capital Projects 2016/2017 - Summary

Page #	Project #	Project Name	Total Budget	Budget Previously Approved	Budget Approval Sought	Budget Approval Sought for Further Study	Funding - Special Reserves	Funding - Other Reserves	Funding Other Sources	Funding Debiture	Funding - Projects for Further Study
<b>ECONOMIC AND BUSINESS DEVELOPMENT</b>											
13	10-008	Land Acquisition - Elmsdale Business Park	\$ 2,697,155	\$ 602,755	\$ 1,014,400	\$ 1,080,000	300,000	-	-	1,317,155	1,080,000
14	10-010	Land Acquisition - Uniacke Business Park	\$ 1,677,640	\$ 617,140	\$ 625,500	\$ 435,000	676,705	-	-	565,935	435,000
15	15-004	Various Land Acquisition	\$ 900,000	\$ 500,000	\$ -	\$ 400,000	318,003	-	-	181,997	400,000
16	16-001	Development - Elmsdale Business Park	\$ 30,000	\$ -	\$ 30,000	\$ -	30,000	-	-	-	-
17	16-002	Development - Uniacke Business Park	\$ 10,000	\$ -	\$ 10,000	\$ -	10,000	-	-	-	-
18	16-019	Business Park Signage	\$ 80,000	\$ -	\$ -	\$ 80,000	-	-	-	-	80,000
<b>FINANCE AND ADMINISTRATION</b>											
19	11-003	Records Mgt & Document Mgt Systems	\$ 136,000	\$ 136,000	\$ -	\$ -	136,000	-	-	-	-
20	14-022	Unified Communications System	\$ 75,000	\$ 75,000	\$ -	\$ -	25,000	50,000	-	-	-
21	16-003	Streetlights - Urban Service Rate	\$ 27,380	\$ -	\$ 27,380	\$ -	13,690	-	13,690	-	-
22	16-004	Streetlights - Other	\$ 17,240	\$ -	\$ 17,240	\$ -	8,620	-	8,620	-	-
23	16-015	Host Server	\$ 20,000	\$ -	\$ 20,000	\$ -	20,000	-	-	-	-
<b>PARKS, RECREATION AND CULTURE</b>											
24	12-017	Land Acquisition - Fundy Shore	\$ 75,000	\$ -	\$ -	\$ 75,000	-	-	-	-	75,000
25	13-008	East Hants Aquatic Centre	\$ 17,000,000	\$ 17,000,000	\$ -	\$ -	1,491,792	2,235,033	-	13,273,175	-
26	14-006	Hants North Sport Pad (Skateboard Park)	\$ 267,666	\$ 267,666	\$ -	\$ -	-	-	267,666	-	-
27	14-006	Corridor Skateboard Park	\$ 267,668	\$ 267,668	\$ -	\$ -	-	-	267,668	-	-
28	14-006	Mt. Uniacke Skateboard Park	\$ 267,666	\$ 267,666	\$ -	\$ -	-	-	267,666	-	-
29	15-001	Land acquisition for tourism assets	\$ 75,000	\$ 75,000	\$ -	\$ -	-	-	-	75,000	-
30	15-005	Burntcoat Head Park Development	\$ 1,701,000	\$ 1,050,000	\$ -	\$ 651,000	-	-	897,415	803,585	-
31	15-016	Bay of Fundy Signage Identity Program	\$ 78,000	\$ 78,000	\$ -	\$ -	-	-	78,000	-	-
32	16-014	Shubenacadie River Parks	\$ 200,000	\$ -	\$ 200,000	\$ -	-	-	105,000	95,000	-
33	16-016	Caboose	\$ 20,000	\$ -	\$ -	\$ 20,000	-	-	-	-	20,000
34	16-017	Dominion Atlantic Railway (DAR) - Development	\$ 500,000	\$ -	\$ 100,000	\$ 400,000	-	-	100,000	-	400,000
35	16-018	Truck - Parks (new addition to fleet)	\$ 35,000	\$ 35,000	\$ -	\$ -	35,000	-	-	-	-
<b>PLANNING AND DEVELOPMENT</b>											
36	14-017	Truck - Bylaw Enforcement Officer	\$ 30,000	\$ 30,000	\$ -	\$ -	-	30,000	-	-	-

**Capital Projects 2016/2017 - Summary (cont'd)**

Page #	Project #	Project Name	Total Budget	Budget Previously Approved	Budget Approval Sought	Budget Approval Sought for Further Study	Funding - Special Reserves	Funding - Other Reserves	Funding Other Sources	Funding Debiture	Funding - Projects for Further Study
<b>WASTE MANAGEMENT CENTRE</b>											
37	14-010	Organics Processing Facility	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	-	-	2,000,000	1,000,000	-
<b>WASTEWATER SYSTEMS</b>											
38	10-021	Wastewater Treatment Plant Repl. - Milford	\$ 3,911,396	\$ 3,911,396	\$ -	\$ -	615,875	149,238	3,146,283	-	-
39	10-041	Sewer Upgrade - Highway 214	\$ 919,000	\$ 500,000	\$ 419,000	\$ -	-	275,700	-	643,300	-
40	16-020	Lift Station SCADA Upgrade	\$ 50,000	\$ -	\$ 50,000	\$ -	-	50,000	-	-	-
41	12-011	Lift Station Upgrade - Ross' Hill	\$ 90,000	\$ 90,000	\$ -	\$ -	90,000	-	-	-	-
42	14-013	Truck Replacement - Public Works (#104)	\$ 35,000	\$ 30,000	\$ 5,000	\$ -	-	35,000	-	-	-
43	15-009	Lift Station Upgrade - Old Elmsdale School	\$ 150,000	\$ 150,000	\$ -	\$ -	-	-	-	150,000	-
44	15-010	Milford WWTP Influent Meter Upgrade	\$ 25,000	\$ 25,000	\$ -	\$ -	25,000	-	-	-	-
45	15-011	Lift Station Upgrade - Lantz Cemetery	\$ 22,000	\$ 22,000	\$ -	\$ -	22,000	-	-	-	-
46	15-012	Lift Station Pump Upgrade - Barney Brook	\$ 55,000	\$ 55,000	\$ -	\$ -	-	55,000	-	-	-
47	15-013	Lift Station Upgrade - Isenor Road	\$ 75,000	\$ 75,000	\$ -	\$ -	-	75,000	-	-	-
48	16-006	Lift Station Upgrade - Medical Center	\$ 130,400	\$ -	\$ 130,400	\$ -	-	39,120	-	91,280	-
49	16-007	Lift Station Upgrade - Industrial Way	\$ 421,100	\$ -	\$ 421,100	\$ -	-	126,330	-	294,770	-
50	16-008	Forcemain Replacement - Barney Brook	\$ 404,100	\$ -	\$ 404,100	\$ -	-	121,230	-	282,870	-
<b>EAST HANTS WATER UTILITY</b>											
51	10-031	Water Transmission Main - Enfield	\$ 1,958,880	\$ 1,717,658	\$ 241,222	\$ -	1,087,500	871,380	-	-	-
52	15-022	Enfield WTP Roof Replacement	\$ 150,000	\$ 150,000	\$ -	\$ -	-	150,000	-	-	-
53	16-005	Hydrants	\$ 60,000	\$ -	\$ 60,000	\$ -	-	60,000	-	-	-
<b>TOTAL FOR 2016/2017 - MUNICIPAL</b>			<b>\$ 35,475,411</b>	<b>\$ 28,860,291</b>	<b>\$ 3,474,120</b>	<b>\$ 3,141,000</b>	<b>\$ 3,817,685</b>	<b>\$ 3,241,651</b>	<b>\$ 7,152,008</b>	<b>\$ 18,774,067</b>	<b>\$ 2,490,000</b>
<b>TOTAL FOR 2016/2017 - WATER UTILITY</b>			<b>\$ 2,168,880</b>	<b>\$ 1,867,658</b>	<b>\$ 301,222</b>	<b>\$ -</b>	<b>\$ 1,087,500</b>	<b>\$ 1,081,380</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL FOR 2016/2017</b>			<b>\$ 37,644,291</b>	<b>\$ 30,727,949</b>	<b>\$ 3,775,342</b>	<b>\$ 3,141,000</b>	<b>\$ 4,905,185</b>	<b>\$ 4,323,031</b>	<b>\$ 7,152,008</b>	<b>\$ 18,774,067</b>	<b>\$ 2,490,000</b>



## Capital Projects 2017/2018 - Summary

Page #	Project #	Project Name	Total Budget	Budget Previously Approved	Budget Approval Sought	Budget Approval Sought for Further Study	Funding - Special Reserves	Funding - Other Reserves	Funding Other Sources	Funding Debuture	Funding - Projects for Further Study
<b>CAO'S OFFICE</b>											
54	14-003	Customer Relationship Management Software	\$ 50,000	\$ 50,000	\$ -	\$ -	-	50,000	-	-	-
<b>FINANCE AND ADMINISTRATION</b>											
55	13-001	Asset Management Solution	\$ 300,000	\$ 300,000	\$ -	\$ -	-	-	300,000	-	-
56	14-018	Truck - Building Maintenance Technician	\$ 35,000	\$ 30,000	\$ 5,000	\$ -	-	30,000	5,000	-	-
<b>PLANNING &amp; DEVELOPMENT</b>											
57	14-019	Truck - Building Inspection	\$ 35,000	\$ 30,000	\$ 5,000	\$ -	-	35,000	-	-	-
58	15-018	GPS Field Unit - Replacement	\$ 15,000	\$ 15,000	\$ -	\$ -	-	13,800	1,200	-	-
59	15-019	Scanner/Plotter Replacement	\$ 13,500	\$ 13,500	\$ -	\$ -	-	11,700	1,800	-	-
<b>TRANSPORTATION</b>											
60	14-008	Mt. Uniacke Sidewalks	\$ 2,475,000	\$ -	\$ -	\$ 2,475,000	-	-	-	-	2,475,000
<b>WASTE MANAGEMENT CENTRE</b>											
61	10-062	Land Procurement WMC	\$ 500,000	\$ -	\$ -	\$ 500,000	-	-	-	-	500,000
62	14-009	Waste-Recyclables Transfer Station Expansion	\$ 800,000	\$ -	\$ -	\$ 800,000	-	-	-	-	800,000
63	14-016	WMC Scale Replacement	\$ 105,000	\$ -	\$ -	\$ 105,000	-	-	-	-	105,000
64	14-020	Truck Replacement - Public Works (#101)	\$ 35,000	\$ 30,000	\$ 5,000	\$ -	-	35,000	-	-	-
<b>TOTAL FOR 2017/2018 - MUNICIPAL</b>			<b>\$ 4,363,500</b>	<b>\$ 468,500</b>	<b>\$ 15,000</b>	<b>\$ 3,880,000</b>	<b>\$ -</b>	<b>\$ 175,500</b>	<b>\$ 308,000</b>	<b>\$ -</b>	<b>\$ 3,880,000</b>
<b>TOTAL FOR 2017/2018 - WATER UTILITY</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL FOR 2017/2018</b>			<b>\$ 4,363,500</b>	<b>\$ 468,500</b>	<b>\$ 15,000</b>	<b>\$ 3,880,000</b>	<b>\$ -</b>	<b>\$ 175,500</b>	<b>\$ 308,000</b>	<b>\$ -</b>	<b>\$ 3,880,000</b>

## Capital Projects 2018/2019 - Summary

Page #	Project #	Project Name	Total Budget	Budget Previously Approved	Budget Approval Sought	Budget Approval Sought for Further Study	Funding - Special Reserves	Funding - Other Reserves	Funding Other Sources	Funding Debenture	Funding - Projects for Further Study
<b>WASTE MANAGEMENT CENTRE</b>											
65	14-023	Truck Replacement - Public Works (#102)	\$ 35,000	\$ -	\$ -	\$ 35,000	-	-	-	-	35,000
66	15-021	WMC Loader Replacement	\$ 205,000	\$ -	\$ -	\$ 205,000	-	-	-	-	205,000
<b>WASTEWATER SYSTEMS</b>											
67	10-049	Sewer Aeration System Upgrade	\$ 1,675,094	\$ -	\$ -	\$ 1,675,094	-	-	-	-	1,675,094
68	10-050	Lift Station Upgrade - Barney Brook	\$ 391,100	\$ -	\$ -	\$ 391,100	-	-	-	-	391,100
69	16-009	Sewer Upgrade - Lantz	\$ 933,700	\$ -	\$ -	\$ 933,700	-	-	-	-	933,700
70	16-010	Lift Station Flowmeter - Milford	\$ 13,000	\$ -	\$ -	\$ 13,000	-	-	-	-	13,000
71	16-011	Lift Station Upgrade - Highway 277	\$ 260,700	\$ -	\$ -	\$ 260,700	-	-	-	-	260,700
<b>EAST HANTS WATER UTILITY</b>											
72	10-046	Water Transmission Main - Lantz	\$ 1,475,000	\$ 1,350,000	\$ 125,000	\$ -	-	855,000	-	620,000	-
<b>TOTAL FOR 2018/2019 - MUNICIPAL</b>			<b>\$ 3,513,594</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,513,594</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,513,594</b>
<b>TOTAL FOR 2018/2019 - WATER UTILITY</b>			<b>\$ 1,475,000</b>	<b>\$ 1,350,000</b>	<b>\$ 125,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 855,000</b>	<b>\$ -</b>	<b>\$ 620,000</b>	<b>\$ -</b>
<b>TOTAL FOR 2018/2019</b>			<b>\$ 4,988,594</b>	<b>\$ 1,350,000</b>	<b>\$ 125,000</b>	<b>\$ 3,513,594</b>	<b>\$ -</b>	<b>\$ 855,000</b>	<b>\$ -</b>	<b>\$ 620,000</b>	<b>\$ 3,513,594</b>

## Capital Projects 2019/2020 - Summary

Page #	Project #	Project Name	Total Budget	Budget Previously Approved	Budget Approval Sought	Budget Approval Sought for Further Study	Funding - Special Reserves	Funding - Other Reserves	Funding Other Sources	Funding Debiture	Funding - Projects for Further Study
<b>ECONOMIC AND BUSINESS DEVELOPMENT</b>											
73	11-011	Railway Access	\$ 1,200,000	\$ -	\$ -	\$ 1,200,000	-	-	-	-	1,200,000
<b>TRANSPORTATION</b>											
74	10-053	Sidewalks - Elmsdale (Square)	\$ 122,000	\$ -	\$ -	\$ 122,000	-	-	-	-	122,000
<b>WASTEWATER SYSTEMS</b>											
75	10-022	Wastewater Treatment Plant Replacement - Shubenacadie	\$ 4,600,000	\$ -	\$ -	\$ 4,600,000	-	-	3,066,667	-	1,533,333
76	16-012	Sewer Upgrade - Milford	\$ 720,600	\$ -	\$ -	\$ 720,600	-	-	-	-	720,600
77	16-013	Truck Replacement - Public Works (#103)	\$ 35,000	\$ -	\$ -	\$ 35,000	-	-	-	-	35,000
<b>EAST HANTS WATER UTILITY</b>											
78	10-051	Water Transmission Main - Evergreen Cr	\$ 125,000	\$ -	\$ -	\$ -	-	125,000	-	-	-
79	10-052	Water Connector - Towerview Drive	\$ 75,000	\$ 125,000	\$ -	\$ -	-	75,000	-	-	-
80	10-060	Water Tower - North Lantz	\$ 2,000,000	\$ 75,000	\$ -	\$ 2,000,000	-	-	-	-	2,000,000
<b>TOTAL FOR 2019/2020 - MUNICIPAL</b>			<b>\$ 6,677,600</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,677,600</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,066,667</b>	<b>\$ -</b>	<b>\$ 3,610,933</b>
<b>TOTAL FOR 2019/2020 - WATER UTILITY</b>			<b>\$ 2,200,000</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ 2,000,000</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,000,000</b>
<b>TOTAL FOR 2019/2020</b>			<b>\$ 8,877,600</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ 8,677,600</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ 3,066,667</b>	<b>\$ -</b>	<b>\$ 5,610,933</b>

## Capital Projects 2020/2021 - Summary

Page #	Project #	Project Name	Total Budget	Budget Previously Approved	Budget Approval Sought	Budget Approval Sought for Further Study	Funding - Special Reserves	Funding - Other Reserves	Funding Other Sources	Funding Debenture	Funding - Projects for Further Study
<b>TRANSPORTATION</b>											
81	10-054	Sidewalks - Elmsdale (Highway 214)	\$ 480,000	\$ -	\$ -	\$ 480,000	-	-	-	-	480,000
<b>WASTEWATER SYSTEMS</b>											
82	10-042	Sewer Forcemain Replacement - Burgess Road	\$ 144,000	\$ -	\$ -	\$ 144,000	-	-	-	-	144,000
83	10-043	Sewer Forcemain Replacement - Maitland Road	\$ 450,000	\$ -	\$ -	\$ 450,000	-	-	-	-	450,000
<b>EAST HANTS WATER UTILITY</b>											
84	11-018	Water Production Well - Shubenacadie	\$ 100,000	\$ -	\$ -	\$ 100,000	-	-	-	-	100,000
85	13-005	Lantz Water Tower Repainting	\$ 145,000	\$ -	\$ -	\$ 145,000	-	-	-	-	145,000
86	10-059	Water Intake Extension - Enfield	\$ 300,000	\$ -	\$ -	\$ 300,000	-	-	-	-	300,000
<b>TOTAL FOR 2020/2021 - MUNICIPAL</b>			<b>\$ 1,074,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,074,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,074,000</b>
<b>TOTAL FOR 2020/2021 - WATER UTILITY</b>			<b>\$ 545,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 545,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 545,000</b>
<b>TOTAL FOR 2020/2021</b>			<b>\$ 1,619,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,619,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,619,000</b>

**Capital Projects 2016/2017 to 2020/2021 - Total**

Page #	Project #	Project Name	Total Budget	Budget Previously Approved	Budget Approval Sought	Budget Approval Sought for Further Study	Funding - Special Reserves	Funding - Other Reserves	Funding Other Sources	Funding Debenture	Funding - Projects for Further Study
		GRAND TOTAL FOR 2016/2017 to 2020/2021 - MUNICIPAL	\$ 51,104,105	\$ 29,328,791	\$ 3,489,120	\$ 18,286,194	\$ 3,817,685	\$ 3,417,151	\$ 10,526,675	\$ 18,774,067	\$ 14,568,527
		GRAND TOTAL FOR 2016/2017 to 2020/2021 - WATER UTILITY	\$ 6,388,880	\$ 3,417,658	\$ 426,222	\$ 2,545,000	\$ 1,087,500	\$ 2,136,380	\$ -	\$ 620,000	\$ 2,545,000
		GRAND TOTAL FOR 2016/2017 to 2020/2021	<u>\$ 57,492,985</u>	<u>\$ 32,746,449</u>	<u>\$ 3,915,342</u>	<u>\$ 20,831,194</u>	<u>\$ 4,905,185</u>	<u>\$ 5,553,531</u>	<u>\$ 10,526,675</u>	<u>\$ 19,394,067</u>	<u>\$ 17,113,527</u>

# CAPITAL PROJECT REPORTS

A separate Capital Project Report follows for each project. The reports are organized by fiscal year, in the same order they appear in the Five-Year Capital Budget Summary referenced by page number on the summary.



# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-008**

<b>Project Name</b> Land Acquisition - Elmsdale Business Park	<b>District</b> BusinessPark-Elmsdale	<b>Department</b> Econ/Bus Dev	<b>Project Manager</b> Kim MacDonald
<b>Asset Category/Life Expectancy</b> Land	<b>Initial Approval (in 2015/16 or prior years)</b> Capital Budget in Fiscal Year 2010/11		<b>Estimated Completion Date</b> (Mmm YYYY) Mar 2018
<b>Asset Class Description / #</b> Land-BusPark-Elmsdale / C033		<b>Work Order #</b> 4000000040	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		450,000				
Previously Approved Council Motion		152,755				
Approval Sought			1,014,400			
Approval Sought for Further Study (F/S)				1,080,000		
<b>Gross Capital Budget</b>	<b>\$ 2,697,155</b>	<b>\$ 602,755</b>	<b>\$ 1,014,400</b>	<b>\$ 1,080,000</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Estimated Spending by Year</b>	<b>\$ 2,697,155</b>	<b>152,755</b>	<b>1,464,400</b>	<b>1,080,000</b>		
	<b>\$ -</b>					
<b>Sources of Funding</b>						
Reserve-Special	<b>\$ 300,000</b>	152,755	147,245			
	<b>\$ -</b>					
	<b>\$ -</b>					
	<b>\$ -</b>					
<b>Total Funding</b>	<b>\$ 300,000</b>	<b>\$ 152,755</b>	<b>\$ 147,245</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 2,397,155</b>	<b>\$ -</b>	<b>\$ 1,317,155</b>	<b>\$ 1,080,000</b>	<b>\$ -</b>	<b>\$ -</b>

1. Project Summary
  - Purchase of land or options to purchase land to expand the number of lots available for sale in the Elmsdale Business Park.**
  
2. Project Objectives/Deliverables
  - Acquire land at resonable current market prices for future development**
  
  - To facilitate the sale of lots in the Elmsdale Business Park**
  
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-010**

Project Name <b>Land Acquisition - Uniacke Business Park</b>	District <b>BusinessPark-Mt Uniacke</b>	Department <b>Econ/Bus Dev</b>	Project Manager <b>Kim MacDonald</b>
Asset Category/Life Expectancy <b>Land</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2010/11</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Land-BusPark-MtUniacke / C034</b>		Work Order # <b>4000000041</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		440,000				
Previously Approved Council Motion		177,140				
Approval Sought			625,500			
Approval Sought for Further Study (F/S)				435,000		
<b>Gross Capital Budget</b>	<b>\$ 1,677,640</b>	<b>\$ 617,140</b>	<b>\$ 625,500</b>	<b>\$ 435,000</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 1,677,640	557,140	685,500	435,000		
	\$ 0					
<b>Sources of Funding</b>						
Reserve-Special	\$ 676,705	557,140	119,565			
Reserve-Special	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ 676,705</b>	<b>\$ 557,140</b>	<b>\$ 119,565</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 1,000,935</b>	<b>\$ -</b>	<b>\$ 565,935</b>	<b>\$ 435,000</b>	<b>\$ -</b>	<b>\$ -</b>

1. Project Summary
  - Purchase of land or options to purchase land to expand the number of lots available for sale in the Uniacke Business Park.**
  
2. Project Objectives/Deliverables
  - To facilitate the sale of lots in the Uniacke Business Park**
  
  - Acquire land at reasonable current market prices for future development**
  
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No



# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-004**

Project Name <b>Various Land Acquisition</b>		District <b>Districts-All</b>	Department <b>Econ/Bus Dev</b>	Project Manager <b>Kim MacDonald</b>
Asset Category/Life Expectancy <b>Land</b>		Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Land-GenGov / C001</b>			Work Order # <b>400000104</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$ 500,000					
Previously Approved Approval Sought						
Approval Sought for Further Study (F/S)		400,000				
<b>Gross Capital Budget</b>	\$ 900,000	\$ 500,000	\$ 400,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 900,000	318,003	581,997			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 318,003	318,003				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 318,003	\$ 318,003	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 581,997	\$ 0	\$ 581,997	\$ -	\$ -	\$ -

1. Project Summary <b>Acquisition of three possible parcels (or combination of parcels) for various municipal purposes. (DAR Line, Wetland Offset, Recreation)</b>	
2. Project Objectives/Deliverables	
3. Does the gross capital budget for this project include salaries?	No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?	Yes
5. Is this project mandated by regulatory authorities?	No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-001**

Project Name <b>Development - Elmsdale Business Park</b>	District <b>BusinessPark-Elmsdale</b>	Department <b>Econ/Bus Dev</b>	Project Manager <b>Kim MacDonald</b>
Asset Category/Life Expectancy <b>Land</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Land-BusPark-Elmsdale / C033</b>		Work Order # <b>400000183</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		30,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 30,000	30,000				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 30,000	30,000				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
  - **Annual fees for surveys and related work to create building lots in the Elmsdale Business Park.**
  
2. Project Objectives/Deliverables
  - **To facilitate the sale of lots in the Elmsdale Business Park.**
  
  - 
  
  -
  
3. Does the gross capital budget for this project include salaries? No
  
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
  
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-002**

Project Name <b>Development - Uniacke Business Park</b>	District <b>BusinessPark-Mt Uniacke</b>	Department <b>Econ/Bus Dev</b>	Project Manager <b>Kim MacDonald</b>
Asset Category/Life Expectancy <b>Land</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Land-BusPark-MtUniacke / C034</b>		Work Order # <b>4000000184</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		10,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 10,000	10,000				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 10,000	10,000				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
  - **Annual fees for surveys and related work to create building lots in the Uniacke Business Park.**
  
2. Project Objectives/Deliverables
  - **To facilitate the sale of lots in the Uniacke Business Park.**
  
  - 
  
  -
  
3. Does the gross capital budget for this project include salaries? No
  
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
  
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-019**

Project Name <b>Business Park Signage</b>	District <b>Districts-All</b>	Department <b>Econ/Bus Dev</b>	Project Manager <b>Tyler Mattheis</b>
Asset Category/Life Expectancy <b>Land Improvements - 10 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Roads+Infrastructure-BusParks / C036</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)		80,000				
<b>Gross Capital Budget</b>	\$ 80,000	\$ -	\$ 80,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 80,000	80,000				
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 80,000	\$ -	\$ 80,000	\$ -	\$ -	\$ -

1. Project Summary
 

**To install business park signage that provides business park occupants with an opportunity to advertise or list their business; to provide appropriately equitable signage in all three East Hants C8 zoned business parks; to provide directional information to business park visitors; to promote East Hants as a business destination.**
2. Project Objectives/Deliverables
  - **To define and evaluate requirements, identify potential providers, options and costs, and to procure a provider to design, construct and install sign.**
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 11-003**

Project Name <b>Records Mgt &amp; Document Mgt Systems</b>	District <b>Districts-All</b>	Department <b>Fin/Admin</b>	Project Manager <b>Tom Gignac</b>
Asset Category/Life Expectancy <b>Small Equipment - 5 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2011/12</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Mach+Equip-GenGov / C003</b>		Work Order # <b>400000001</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		70,000				
Previously Approved Council Motion		66,000				
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 136,000	\$ 136,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 136,000	57,097	78,903			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 136,000	57,097	78,903			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 136,000	\$ 57,097	\$ 78,903	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**As part of the Information Management Plan, systems to manage the Municipality’s information are critical to providing a high level of service to the public, being perceived as an organization that is “open for business” and increasing staff productivity. Records Management Software, LaserFiche has been acquired. Phase 1 of this project is almost completed, Phase 2 will begin in 2016/2017.**
2. Project Objectives/Deliverables
  - **To enable timely access to accurate and current information required to provide a high level of service to the public and demonstrate the Municipality is “open for business”**
  - **To provide a structured, coordinated and user-friendly system for storage and retrieval of both hard copy information and electronic data that will increase staff productivity**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-022**

Project Name <b>Unified Communications System</b>	District <b>Districts-All</b>	Department <b>Fin/Admin</b>	Project Manager <b>Tom Gignac</b>
Asset Category/Life Expectancy <b>Small Equipment - 5 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2014/15</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Mach+Equip-GenGov / C003</b>		Work Order # <b>400000086</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved	\$	75,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$	75,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$	75,000	75,000			
	\$	-				
<b>Sources of Funding</b>						
Reserve-Cptl from Rev	\$	50,000	50,000			
Reserve-Special	\$	25,000	25,000			
	\$	-				
	\$	-				
<b>Total Funding</b>	\$	75,000	\$ -	\$ 75,000	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$	-	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**Procure and implement a flexible, robust Unified Communications platform to assist in establishing reliable telephone integration with our existing systems. Project will be funded through capital out of revenue in 2016/2017 and remaining funding will be from special reserves.**
2. Project Objectives/Deliverables
  - **telephone infrastructure that is reliable and flexible for the Municipality's growth and changing needs**
  
  - **ability to provide services on premise vs hosted solution (current provider is \$2,500/mth, phones only, no integration)**
  
  - **Leverage budget to provide enhanced calling functionality and service delivery**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-003**

Project Name <b>Streetlights - Urban Service Rate</b>	District <b>Districts-Corridor+</b>	Department <b>Fin/Admin</b>	Project Manager <b>Kim Ramsay</b>
Asset Category/Life Expectancy <b>Streetlights - 20 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Streets+Roads / C010</b>		Work Order # <b>400000185</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		27,380				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 27,380	\$ -	\$ 27,380	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 27,380	27,380				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 13,690	13,690				
External-Other	\$ 13,690	13,690				
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 27,380	\$ -	\$ 27,380	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
  - **Purchase and installation of LED lights - funded through developer payments and streetlight reserves. Amount is an estimate as development can be projected but is not guaranteed.**
  
2. Project Objectives/Deliverables
  - **Continuation of LED streetlighting patterns throughout fully serviced areas of the Municipality.**
  
  - 
  
  -
  
3. Does the gross capital budget for this project include salaries? No
  
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
  
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-004**

Project Name <b>Streetlights - Other</b>	District <b>Districts-Corridor+</b>	Department <b>Fin/Admin</b>	Project Manager <b>Kim Ramsay</b>
Asset Category/Life Expectancy <b>Streetlights - 20 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Streets+Roads / C010</b>		Work Order # <b>400000186</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		17,240				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 17,240	\$ -	\$ 17,240	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 17,240	17,240				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 8,620	8,620				
External-Other	\$ 8,620	8,620				
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 17,240	\$ -	\$ 17,240	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

- Project Summary
  - Purchase and installation of LED lights - funded through developer payments and streetlight reserves. Amount is an estimate as development can be projected but is not guaranteed and requests for safety lights are sporadic.**
- Project Objectives/Deliverables
  - LED streetlight installation in partially serviced areas (Mt Uniacke, Rawdon, Nine Mile River, Enfield Horne Settlement) for developers or current rate payers.**
  - 
  -
- Does the gross capital budget for this project include salaries? **No**
- Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? **No**
- Is this project mandated by regulatory authorities? **No**



# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-015**

Project Name <b>Host Server</b>	District <b>Districts-All</b>	Department <b>Fin/Admin</b>	Project Manager <b>Tom Gignac</b>
Asset Category/Life Expectancy <b>Small Equipment - 5 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Mach+Equip-GenGov / C003</b>		Work Order # <b>4000000187</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		20,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 20,000	20,000				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 20,000	20,000				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**The addition of this host server will provide the 3rd and final component to our physical server infrastructure. It is required to add redundancy and processing power for the future growth of technology over the next 5 years. It includes the physical server and operating system, including 5 years warranty and support.**
2. Project Objectives/Deliverables
  - **To increase server redundancy and fault protection**
  
  - **Provide increased processing power for server sided applications and data access**
  
  - **Completes our server infrastructure model for future expansion and load balancing**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 12-017**

Project Name <b>Land Acquisition - Fundy Shore</b>	District <b>6-Noel</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Kate Friars</b>
Asset Category/Life Expectancy <b>Land</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Land-Rec/OpenSpace / C031</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)		75,000				
<b>Gross Capital Budget</b>	\$ 75,000	\$ -	\$ 75,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 75,000		75,000			
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 75,000	\$ -	\$ 75,000	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="text-align: center;"><b>Potential acquisition of land along the Fundy Shore with potential for outdoor recreation and nature tourism (e.g. hiking, viewing, natural history interpretation), as per 1999 recommendations from the Open Space Needs assessment.</b></p>	
<p>2. Project Objectives/Deliverables</p> <p style="text-align: center;"><b>- Acquisition of land.</b></p>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 13-008**

Project Name <b>East Hants Aquatic Centre</b>	District <b>Districts-All</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Kate Friars</b>
Asset Category/Life Expectancy <b>Municipal Buildings - 40 years</b>	Initial Approval (in 2015/16 or prior years) <b>Council Motion in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2019</b>
Asset Class Description / # <b>Buildings-Pool / C029</b>	Work Order # <b>4000000160</b>	<b>4000000161</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved		17,000,000				
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	<b>\$ 17,000,000</b>	<b>\$ 17,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 17,000,000		1,700,000	6,800,000	8,500,000	
	\$ -					
<b>Sources of Funding</b>						
External-GAS TAX	\$ 2,235,033		1,490,022	745,011		
Reserve-Special	\$ -		209,978	1,281,814		
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ 3,726,825</b>	<b>\$ -</b>	<b>\$ 1,700,000</b>	<b>\$ 2,026,825</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 13,273,175</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,773,175</b>	<b>\$ 8,500,000</b>	<b>\$ -</b>

<p>1. Project Summary</p> <p style="text-align: center;"><b>This project is to address the replacement of the current East Hants Municipal Pool with a new East Hants Aquatic Centre.</b></p>	
<p>2. Project Objectives/Deliverables</p> <p style="text-align: center;"><b>- To continue to provide Aquatic training and programming to the residents of East Hants</b></p>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-006**

Project Name <b>Hants North Sport Pad (Skateboard Park)</b>	District <b>8-Gore</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Kate Friars</b>
Asset Category/Life Expectancy	Initial Approval (in 2015/16 or prior years) <b>Capital Budget</b> in Fiscal Year <b>2014/15</b>		Estimated Completion Date (Mmm YYYY) <b>Aug 2016</b>
Asset Class Description / #		Cost Center PARKSADMIN g/l #8150	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		250,000				
Previously Approved Council Motion		17,666				
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 267,666	\$ 267,666	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 267,666	36,303	231,363			
	\$ -					
<b>Sources of Funding</b>						
External-GAS TAX	\$ 267,666	36,303	231,363			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 267,666	\$ 36,303	\$ 231,363	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**Council Motion C15(296) approved the transfer of Gas Tax Funding to the Hants North community to enable the community to develop the infrastructure of a multi-purpose sportpad. Council motion C13(323) allowed for the development of three skate board parks in separate geographical areas. This will be transferred to operating and paid out as a grant. RC15(26) and RC15(27) allowed NSHW \$53,000 grant be added to the already approved monies be allocated evenly between three skateboard parks.**
2. Project Objectives/Deliverables
 

**- Two community based skateboard parks and a sport pad.**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-006**

Project Name <b>Corridor Skateboard Park</b>	District <b>Districts-Corridor</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Kate Friars</b>
Asset Category/Life Expectancy <b>Land Improvements - 20 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2014/15</b>		Estimated Completion Date (Mmm YYYY) <b>Aug 2016</b>
Asset Class Description / # <b>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>400000140</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		50,000				
Previously Approved Council Motion		217,668				
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 267,668	\$ 267,668	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 267,668	5,084	262,584			
	\$ -					
<b>Sources of Funding</b>						
External-GAS TAX	\$ 214,668	5,084	209,584			
External-Other	\$ 53,000		53,000			
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 267,668	\$ 5,084	\$ 262,584	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**Council motion C13(323) allowed for the development of three skate board parks in separate geographical areas. Any community funding received will increase the value of the infrastructure for that community's project. RC15(26) and RC15(27) allowed NSHW \$53,000 grant be added to the already approved monies be allocated evenly between three skateboard parks.**
2. Project Objectives/Deliverables
 

**- Two community based skateboard parks and a sport pad.**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-006**

Project Name <b>Mt. Uniacke Skateboard Park</b>	District <b>12-Mt Uniacke/East</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Kate Friars</b>
Asset Category/Life Expectancy <b>Land Improvements - 20 years</b>	Initial Approval (in 2015/16 or prior years) <b>Council Motion</b> in Fiscal Year <b>2014/15</b>		Estimated Completion Date (Mmm YYYY) <b>Aug 2016</b>
Asset Class Description / # <b>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>400000141</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Council Motion		250,000				
Previously Approved Council Motion		17,666				
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 267,666	\$ 267,666	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 267,666	5,917	261,749			
	\$ -					
<b>Sources of Funding</b>						
External-GAS TAX	\$ 267,666	5,917	261,749			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 267,666	\$ 5,917	\$ 261,749	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**Council motion C13(323) allowed for the development of three skate board parks in separate geographical areas. Any community funding received will increase the value of the infrastructure for that community's project. RC15(26) and RC15(27) allowed NSHW \$53,000 grant be added to the already approved monies be allocated evenly between three skateboard parks.**
2. Project Objectives/Deliverables
 

**- Two community based skateboard parks and a sport pad.**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-001**

Project Name <b>Land acquisition for tourism assets</b>	District <b>Districts-All</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Kate Friars</b>
Asset Category/Life Expectancy <b>Land</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget</b> in Fiscal Year <b>2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Land-Rec/OpenSpace / C031</b>		Work Order # <b>400000101</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$	75,000				
Previously Approved Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$	75,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$	75,000	75,000			
	\$	-				
<b>Sources of Funding</b>						
	\$	-				
	\$	-				
	\$	-				
	\$	-				
<b>Total Funding</b>	\$	-	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$	75,000	\$ -	\$ 75,000	\$ -	\$ -

1. Project Summary
 

**Purchase of land or options to purchase land to expand the size, number, or value of land available for tourism purposes of land adjacent to the Bay of Fundy, South Maitland Tidal Interpretive Centre, and Walton Lighthouse.**
2. Project Objectives/Deliverables
  - **Project Goal: Increase the size, number and or value of tourism activities or products. Including but not limited to hiking, biking, viewing, and natural history interpretation.**
  - **Project Deliverables: Define and evaluate requirements, identify potential land, acquire land and or options to purchase land.**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-005**

Project Name <b>Burntcoat Head Park Development</b>	District <b>6-Noel</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Kate Friars</b>
Asset Category/Life Expectancy <b>Land Improvements - 10 - 20 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2020</b>
Asset Class Description / # <b>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>400000105</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$ 546,911	\$ 192,089	\$ 311,000			
Previously Approved Approval Sought						
Approval Sought for Further Study (F/S)				321,000	330,000	
Gross Capital Budget	\$ 1,701,000	\$ 546,911	\$ 192,089	\$ 311,000	\$ 321,000	\$ 330,000
Estimated Spending by Year	\$ 1,701,000	463,500	275,500	311,000	321,000	330,000
	\$ -					
<b>Sources of Funding</b>						
External-ACOA	\$ 232,415	232,415				
External-Other	\$ 665,000	65,000	200,000	200,000	200,000	
Reserve-Special	\$ -					
	\$ -					
Total Funding	\$ 897,415	\$ 297,415	\$ -	\$ 200,000	\$ 200,000	\$ 200,000
Net Budget - Funded by Debt	\$ 803,585	\$ 166,085	\$ 275,500	\$ 111,000	\$ 121,000	\$ 130,000

1. Project Summary
 

**Burntcoat Head Park development as per the Burntcoat Head Park Master Plan.**
2. Project Objectives/Deliverables
 

**- Project Goal: Develop Burntcoat Head Park into a Nova Scotia Major Tourism Attraction with 25,000 visitors annually.**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No



# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-016**

Project Name <b>Bay of Fundy Signage Identity Program</b>	District <b>5-Maitland</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Kate Friars</b>
Asset Category/Life Expectancy <b>Land Improvements - 10 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>400000194</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved		78,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 78,000	\$ 78,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 78,000	78,000				
	\$ -					
<b>Sources of Funding</b>						
External-Other	\$ 78,000	78,000				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 78,000	\$ -	\$ 78,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>Implementation of the East Hants section of the Bay of Fundy Signage Identity Program. This signage program was designed and created by Central Nova Tourism Association and funded through Tourism Nova Scotia. Commencement of this project is dependent on the joint participation of the other Municipal Units surrounding the Bay of Fundy and Tourism Nova Scotia.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Project Goal: Increased brand awareness and consistency of message across Nova Scotia's Bay of Fundy tourism assets and destinations. Specific to East Hants geographic locations.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	No
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	No
<p>5. Is this project mandated by regulatory authorities?</p>	No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-014**

Project Name <b>Shubenacadie River Parks</b>	District <b>Districts-Corridor</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Evan MacDougall</b>
Asset Category/Life Expectancy <b>Land Improvements - 20 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>400000188</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		200,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 200,000	200,000				
	\$ -					
<b>Sources of Funding</b>						
External-Other	\$ 100,000	100,000				
External-Other	\$ 5,000	5,000				
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 105,000	\$ -	\$ 105,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 95,000	\$ -	\$ 95,000	\$ -	\$ -	\$ -

1. Project Summary
 

**Three sections of land have been identified and proposed for the potential Trans Canada Trail route (land/water) through the Municipality of East Hants. Development of these properties with potential funding assistance from TCT will not only provide the MEH with part of the Trans Canada Trail; it will also provide the MEH with additional waterfront access, non-motorized dock locations and open space for community use.**
2. Project Objectives/Deliverables
  - **This project will celebrate the Shubenacadie River and result greater regional appeal then the original proposed TCT Route**
  
  - **Provides open space / green space for community use**
  
  - **Additional river access points with docking and non-motorized boat launch capabilities**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-016**

Project Name <b>Caboose</b>	District <b>Districts-All</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Kate Friars</b>
Asset Category/Life Expectancy	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Mach+Equip-Parks / C042</b>	Work Order #		

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)		20,000				
<b>Gross Capital Budget</b>	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 20,000	20,000				
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -

- Project Summary
 

**This project is to relocate and refurbish the Caboose located at the Fundy Tidal Interpretative Center for Tourism purposes.**
- Project Objectives/Deliverables
- Does the gross capital budget for this project include salaries? No
- Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
- Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-017**

<b>Project Name</b> Dominion Atlantic Railway (DAR) - Development	<b>District</b> Districts-All	<b>Department</b> Park/Rec/Cult	<b>Project Manager</b> Evan MacDougall
<b>Asset Category/Life Expectancy</b> Land Improvements - 20 years	<b>Initial Approval (in 2015/2016 or prior years)</b> in Fiscal Year		<b>Estimated Completion Date</b> (Mmm YYYY) Mar 2017
<b>Asset Class Description / #</b> LandImprov-Rec/OpenSpace / C032		<b>Work Order #</b> 400000189	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		100,000				
Approval Sought for Further Study (F/S)			100,000	100,000	100,000	100,000
<b>Gross Capital Budget</b>	\$ 500,000	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
<b>Estimated Spending by Year</b>	\$ 500,000	100,000	100,000	100,000	100,000	100,000
	\$ -					
<b>Sources of Funding</b>						
External-Other	\$ 250,000	50,000	50,000	50,000	50,000	50,000
External-GAS TAX	\$ 50,000	50,000				
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 300,000	\$ -	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000
<b>Net Budget - Funded by Debt</b>	\$ 200,000	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000

1. Project Summary
 

**This will be a multi-year infrastructure project including reconstruction of water crossings, entry/exit points and rest stop areas. Working with community groups and other municipalities could lead to the development of a multi-use trail that will provide residents and visitors an alternative route and means of transportation from Maitland to Windsor. Potential sources of funding could be the local ATV/Snowmobile clubs, NS Gas Tax Fund for rural development, Federal funding and/or ACOA.**
2. Project Objectives/Deliverables
  - **Develop a multi-use trail across the Municipality for public use.**
  
  - **To attract visitors to the area who wish to use the trail (year round).**
  
  - **To mitigate the impact on public and private lands by providing ATV and snowmobile users a safe and engaging trail**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-018**

Project Name <b>Truck - Parks (new addition to fleet)</b>	District <b>Districts-All</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Evan MacDougall</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>	Initial Approval (in 2015/2016 or prior years) <b>Council Motion</b> in Fiscal Year <b>2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Vehicles-Parks / C043</b>		Work Order # <b>400000180</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved		35,000				
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 35,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 35,000	35,000				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 35,000	35,000				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 35,000	\$ -	\$ 35,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**This truck will be used primarily the Spring, Summer and Fall to facilitate municipal wide property maintenance at municipally owned parks, buildings and tourism properties as well as servicing the operations at Burntcoat Head Park and Fundy Tidal Interpretative Centre (staff cleaning and inspections). The Manager of Parks Development & Operations will use this vehicle for parks management year round. Funding from the Passenger Vehicle reserve will be used to purchase this vehicle.**
2. Project Objectives/Deliverables
  - 
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-017**

Project Name <b>Truck - Bylaw Enforcement Officer</b>	District <b>Districts-All</b>	Department <b>Planning</b>	Project Manager <b>John Woodford</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2014/15</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Vehicles-ProtServ / C009</b>		Work Order # <b>4000000181</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved		30,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 30,000	30,000				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Cptl from Rev	\$ 30,000	30,000				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="margin-left: 20px;"><b>Scheduled replacement of public works vehicle.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Truck replacement every four years</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-010**

Project Name <b>Organics Processing Facility</b>	District <b>Districts-All</b>	Department <b>Inf/Oper</b>	Project Manager <b>Andrea Trask</b>
Asset Category/Life Expectancy <b>Buildings/Plants - 25 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Buildings-WasteMgmt / C037</b>		Work Order # <b>400000100</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		3,000,000				
Previously Approved Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 3,000,000	1,500,000	1,500,000			
	\$ -					
<b>Sources of Funding</b>						
External-BCF	\$ 2,000,000	1,000,000	1,000,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 2,000,000	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 1,000,000	\$ -	\$ 500,000	\$ 500,000	\$ -	\$ -

1. Project Summary
 

**The Solid Waste Division is requesting funds to explore the opportunities related to organics processing in Georgefield. A number of options which will vary in capital costs are currently being explored in a business case study as approved in the 2013/2014 Business Plan.**
2. Project Objectives/Deliverables
  - **Reduction in operating expenses related to transportation and processing of organics (approx. \$130,000/year)**
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-021**

Project Name <b>Wastewater Treatment Plant Repl. - Milford</b>	District <b>3-Milford</b>	Department <b>Inf/Oper</b>	Project Manager <b>Low Landers</b>
Asset Category/Life Expectancy <b>Sewer Treatment Plants - 50 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2005/06</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>	Work Order # <b>100001993</b>	<b>4000000022</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		3,550,425				
Previously Approved Council Motion		360,971				
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	<b>\$ 3,911,396</b>	<b>\$ 3,911,396</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 3,911,396	3,892,956	18,440			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 615,875	597,435	18,440			
External-GAS TAX	\$ 3,067,276	3,067,276				
External-PCAP	\$ 79,007	79,007				
Reserve-Depreciation	\$ 149,238	149,238				
<b>Total Funding</b>	<b>\$ 3,911,396</b>	<b>\$ 3,892,956</b>	<b>\$ 18,440</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

<p>1. Project Summary</p> <p style="text-align: center;"><b>Construction of new mechanical wastewater treatment plant including the storm water pond and drainage improvements was completed. Final costs are under discussion with the consultant(s) involved.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>New wastewater treatment plant.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>



# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-041**

Project Name <b>Sewer Upgrade - Highway 214</b>	District <b>2-Elmsdale</b>	Department <b>Inf/Oper</b>	Project Manager <b>Jesse Hulsman</b>
Asset Category/Life Expectancy <b>Sewer Lines - 50 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget</b> in Fiscal Year <b>2009/10</b>		Estimated Completion Date (Mmm YYYY) <b>Dec 2017</b>
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>		Work Order # <b>4000000090</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		500,000				
Previously Approved Approval Sought			419,000			
Approval Sought for Further Study (F/S)						
Gross Capital Budget	\$ 919,000	\$ 500,000	\$ 419,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 919,000		50,000	869,000		
	\$ -					
<b>Sources of Funding</b>						
Reserve-Infrastructure	\$ 275,700		15,000	260,700		
	\$ -					
	\$ -					
	\$ -					
Total Funding	\$ 275,700	\$ -	\$ 15,000	\$ 260,700	\$ -	\$ -
Net Budget - Funded by Debt	\$ 643,300	\$ -	\$ 35,000	\$ 608,300	\$ -	\$ -

<p>1. Project Summary</p> <p style="text-align: center;"><b>Upgrade sewer on Highway 214 and Elmsdale Road to handle increased hydraulic loading from recent and future development in Sobeyes/Superstore/Business Park area. Project identified as a priority in the Sewer Capacity Study. The timing of project to be coordinated with NSTIR.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Additional sewer collection capacity to service future development.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>Yes</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-020**

Project Name <b>Lift Station SCADA Upgrade</b>	District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 10 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>		Work Order # <b>4000000190</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		50,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 50,000	50,000				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Cptl from Rev	\$ 50,000	50,000				
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>This project is to purchase and install equipment for lift stations not being monitored by the Utility's SCADA control system. This project also includes the replacement of existing equipment and control panels as it becomes necessary due to repair and obsolesce. This project is recommended as it will improve service by alerting staff to alarm situations on a continual basis</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Upgrade the control and communication systems.</b></li>   <li>- <b>Improve the life expectancy of pumping equipment.</b></li>   <li>- <b>Provide alarm call-out during system failures.</b></li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	No
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	Yes
<p>5. Is this project mandated by regulatory authorities?</p>	No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 12-011**

Project Name <b>Lift Station Upgrade - Ross' Hill</b>	District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 10 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2014/15</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>		Work Order # <b>4000000015</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved		90,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 90,000	\$ 90,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 90,000	54,322	35,678			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 90,000	54,322	35,678			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 90,000	54,322	35,678	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	-	-	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>This project is to purchase and install a new electrical panel, SCADA equipment, two pumps, and a station cover and piping for the Ross' Hill Lift Station in Lantz. Equipment at this station is 30+ years old and no longer effectively meets the needs of the area. New equipment is needed to improve the reliability of the Ross Hill Lift Station as well as improve its pumping capacity.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Upgrade the control and communication systems.</b></li>   <li>- <b>Improve lift station capacity</b></li>   <li>- <b>Improve alarm call-out during system failures.</b></li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	No
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	Yes
<p>5. Is this project mandated by regulatory authorities?</p>	No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-013**

Project Name <b>Truck Replacement - Public Works (#104)</b>	District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2014/15</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Vehicles-Sewer / C016</b>		Work Order # <b>4000000182</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved		30,000				
Previously Approved						
Approval Sought			5,000			
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 35,000	\$ 30,000	\$ 5,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 35,000	35,000				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Cptl from Rev	\$ 35,000	35,000				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 35,000	\$ -	\$ 35,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="text-align: center;"><b>Scheduled replacement of public works vehicle. This was previously planned to go to auction but will be going to WMC as the foreman vehicle has reached its end of life prematurely.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Truck replacement every four years</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-009**

Project Name <b>Lift Station Upgrade - Old Elmsdale School</b>	District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 10 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>		Work Order # <b>4000000109</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$	150,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$	150,000		\$ -	\$ -	\$ -
Estimated Spending by Year	\$	150,000	150,000			
	\$	-				
<b>Sources of Funding</b>						
	\$	-				
	\$	-				
	\$	-				
	\$	-				
<b>Total Funding</b>	\$	-	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$	150,000	\$ -	\$ 150,000	\$ -	\$ -

1. Project Summary
 

**This project is to replace the two pumps and associated piping at the Old Elmsdale Lift Station located at 224 Highway 214, Elmsdale. This project is necessary as the pumps have reached the end of their asset life and are in need of replacement. Piping and associated maintenance infrastructure (e.g. guide rails) have also decayed and are in need of replacement.**
2. Project Objectives/Deliverables
  - **This project will replace the two pumps at Lift Station # 11 as well as the associated piping infrastructure needed for maintenance of the site. New piping, pumps and associated electrical control equipment will be upgraded to meet current CSA and process control standards.**
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-010**

Project Name <b>Milford WWTP Influent Meter Upgrade</b>	District <b>3-Milford</b>	Department <b>Inf/Oper</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 10 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>		Work Order # <b>400000110</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$	25,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$	25,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$	25,000	25,000			
	\$	-				
<b>Sources of Funding</b>						
Reserve-Special	\$	25,000	25,000			
	\$	-				
	\$	-				
	\$	-				
<b>Total Funding</b>	\$	25,000	\$ -	\$ 25,000	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$	-	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**This project is to install a new influent meter at the Milford Wastewater Treatment Plant. This project is necessary to more accurately measure the inflow of wastewater to the plant and comply with the plant's operating permit. The new influent meter is also needed for compliance with pending federal (CCME) environmental regulations and standards.**
2. Project Objectives/Deliverables
  - **This project will modify and upgrade the influent flow chamber with a new flow meter to measure influent to the Milford WWTP. New equipment will be installed and upgraded to meet CSA and building standards as well as environmental requirements.**
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? Yes

# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-011**

Project Name <b>Lift Station Upgrade - Lantz Cemetery</b>	District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 10 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget</b> in Fiscal Year <b>2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>		Work Order # <b>4000000111</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$	22,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$	22,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$	22,000	22,000			
	\$	-				
<b>Sources of Funding</b>						
Reserve-Special	\$	22,000	22,000			
	\$	-				
	\$	-				
	\$	-				
<b>Total Funding</b>	\$	22,000	\$ -	\$ 22,000	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$	-	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**This project is to replace the guide rails and associated piping at the Lantz Cemetery Lift Station located at 984 Highway 2, Lantz. This project is needed as one of the pumps at this lift station can no longer be properly serviced and maintained. Piping and associated maintenance infrastructure (e.g. guide rails) for the other pump are also decaying and are in need of replacement.**
2. Project Objectives/Deliverables
  - **This project will replace the guide rails and associated piping for the two pumps at Lift Station # 13. This equipment will be upgraded to meet current plumbing and process control standards. Any necessary repairs to the cover of the lift station will also be included.**
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-012**

Project Name <b>Lift Station Pump Upgrade - Barney Brook</b>	District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 10 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>		Work Order # <b>400000112</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$ 55,000					
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 55,000	\$ 55,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 55,000	40,000	15,000			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Infrastructure	\$ 55,000	40,000	15,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 55,000	\$ 40,000	\$ 15,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**This project is to upgrade the Barney Brook Lift Station located at 1375 Highway 2, Lantz by replacing a 10 hp pump with a 20 hp pump. This project is necessary as the present 10 hp pump has reached the end of its asset life and is in need of replacement. Internal piping changes are also needed as a result of this proposed upgrade.**
2. Project Objectives/Deliverables
  - **This project will replace the 10 hp pump at Lift Station # 18 as well as the associated piping infrastructure needed for maintenance of the site. The pump and associated piping and electrical control equipment will also be upgraded to meet current CSA and process control standards.**
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No



# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-013**

Project Name <b>Lift Station Upgrade - Isenor Road</b>	District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 10 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>		Work Order # <b>400000113</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$	75,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$	75,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$	75,000	25,000	50,000		
	\$	-				
<b>Sources of Funding</b>						
Reserve-Infrastructure	\$	75,000	25,000	50,000		
	\$	-				
	\$	-				
	\$	-				
<b>Total Funding</b>	\$	75,000	\$ 25,000	\$ 50,000	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$	-	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**This project is to replace the two pumps and its associated piping at the Isenor Road Lift Station located at 51 Isenor Road, Lantz. This project is necessary as the pumps have reached the end of their asset life and are in need of replacement. Piping and associated maintenance infrastructure (e.g. guide rails) have also decayed and are in need of replacement. A new control panel and SCADA equipment at this station so that it can be continuously monitored by the Municipality's SCADA system.**
2. Project Objectives/Deliverables
  - **This project will replace the two pumps at Lift Station # 19 as well as the associated piping infrastructure needed for maintenance of the site. New piping, pumps and associated electrical control and SCADA equipment will be upgraded to meet current CSA and process control standards.**
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-006**

Project Name <b>Lift Station Upgrade - Medical Center</b>	District <b>2-Elmsdale</b>	Department <b>Inf/Oper</b>	Project Manager <b>Low Landers</b>
Asset Category/Life Expectancy <b>Sewer Lift Stations - 40 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2017</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>		Work Order # <b>4000000191</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		130,400				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 130,400	\$ -	\$ 130,400	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 130,400	15,000	115,400			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Infrastructure	\$ 39,120	4,500	34,620			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 39,120	\$ -	\$ 4,500	\$ 34,620	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 91,280	\$ -	\$ 10,500	\$ 80,780	\$ -	\$ -

<p>1. Project Summary</p> <p style="text-align: center;"><b>Replacement of Medical Center Sewage Lift Station (SLS-10) pumps. This project was identified in the Sewer Capacity Study as a requirement for future development.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>To replace deteriorating infrastructure.</b></li>   <li>- <b>To provide capacity for future development.</b></li>   <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>Yes</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-007**

Project Name <b>Lift Station Upgrade - Industrial Way</b>	District <b>2-Elmsdale</b>	Department <b>Inf/Oper</b>	Project Manager <b>Low Landers</b>
Asset Category/Life Expectancy <b>Sewer Lift Stations - 40 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2017</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>		Work Order # <b>400000192</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		421,100				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 421,100	\$ -	\$ 421,100	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 421,100	30,000	391,100			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Infrastructure	\$ 126,330	9,000	117,330			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 126,330	\$ -	\$ 9,000	\$ 117,330	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 294,770	\$ -	\$ 21,000	\$ 273,770	\$ -	\$ -

1. Project Summary
 

**Upgrade of Industrial Way Sewage Lift Station (SLS-11A). This project was identified in the Sewer Capacity Study as a requirement for future development.**
2. Project Objectives/Deliverables
  - **To provide capacity for future development.**
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-008**

Project Name <b>Forcemain Replacement - Barney Brook</b>	District <b>7-Lantz</b>	Department <b>Inf/Oper</b>	Project Manager <b>Low Landers</b>
Asset Category/Life Expectancy <b>Sewer Lines - 50 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2017</b>
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>		Work Order # <b>4000000193</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		404,100				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 404,100	\$ -	\$ 404,100	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 404,100	30,000	374,100			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Infrastructure	\$ 121,230	9,000	112,230			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 121,230	\$ -	\$ 9,000	\$ 112,230	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 282,870	\$ -	\$ 21,000	\$ 261,870	\$ -	\$ -

1. Project Summary
 

**Replacement of the existing 620 metre forcemain from Barney Brook Sewage Lift Station (SLS-18) with twin force mains.**
2. Project Objectives/Deliverables
  - **To replace deteriorating infrastructure and reduce repair costs.**
  
  - **To increase capacity for future development.**
  
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-031**

Project Name <b>Water Transmission Main - Enfield</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Leu Landers</b>
Asset Category/Life Expectancy <b>Water - Mains - 75 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2005/06</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>WU_Trans Mains / W015</b>		Work Order # <b>5000000040</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		1,717,658				
Previously Approved Approval Sought			241,222			
Approval Sought for Further Study (F/S)						
Gross Capital Budget	\$ 1,958,880	\$ 1,717,658	\$ 241,222	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 1,958,880		261,222	1,697,658		
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 1,087,500			1,087,500		
Reserve-Depreciation	\$ 361,880		261,222	100,658		
	\$ -					
Reserve-Infrastructure	\$ 509,500			509,500		
Total Funding	\$ 1,958,880	\$ -	\$ 261,222	\$ 1,697,658	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>Construction of approximately 4,227 metres of water transmission main from the Enfield Water Treatment Plant to Elmwood Subdivision as recommended in the Infrastructure Capacity Study (Dillon, 1998). Work completed to date includes Bakery Lane, easement to Boyd Avenue, Trent Court, and upper end of Tyler Street. Easements for this project are in water utility operating budget at \$175,000.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>To improve system performance and reliability.</b></li>   <li>- <b>To provide capacity for future development.</b></li>   <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-022**

Project Name <b>Enfield WTP Roof Replacement</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Buildings/Plants - 25 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>WU_Struc-Treatment / W003</b>		Work Order # <b>500000082</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$ 150,000					
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	<b>\$ 150,000</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 150,000	150,000				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Depreciation	\$ 150,000	150,000				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

1. Project Summary
 

**A recent inspection of the roof at the Enfield Water Treatment Plant found that two of its five sections are in need of replacement. These two sections are the two oldest sections of the roof and total approximately 1275 sq.ft (120 sq.m.) and 4250 sq.ft. (400 sq.m.) respectively. This project is to replace these two older sections with a similar modified bitumen style flat roof in 2016.**
2. Project Objectives/Deliverables
  - **This project proposes to replace the section of the roof above the Chemical Storage Room and MCC/Electrical Room. All roofing work shall conform to the standards of the Canadian Roofing Reference Manual as published by the Canadian Roofing Contractors Association.**
  - **This project proposes to replace the section of the roof above the DAF Room. All roofing work shall conform to the standards of the Canadian Roofing Reference Manual as published by the Canadian Roofing Contractors Association.**
  - **All work will require internal cleaning and protection services to insure water quality and plant operations.**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-005**

Project Name <b>Hydrants</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Water - Structures - 50 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>WU_Hydrants / W020</b>		Work Order # <b>5000000120</b>	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		60,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 60,000	\$ -	\$ 60,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 60,000	60,000				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Depreciation	\$ 60,000	60,000				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 60,000	\$ -	\$ 60,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
  - **This project is for the installation of new fire hydrants to ensure the Municipality of East Hants meets the fire fighting requirements of the Municipal Services Systems General Specifications (June 15, 1999) document.**
2. Project Objectives/Deliverables
  - **Install 5 to 6 new hydrants annually.**
  
  - **Improve fire protection services in the Corridor area.**
  
  - **Reduce insurance costs for area residents.**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-003**

Project Name <b>Customer Relationship Management Software</b>		District <b>Districts-All</b>	Department <b>CAO</b>	Project Manager <b>Connie Nolan</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 5 years</b>		Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2014/15</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Mach+Equip-GenGov / C003</b>			Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved		50,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 50,000		50,000			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Cptl from Rev	\$ 50,000		50,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>As part of the Information Management Plan, systems to manage the Municipality's information are critical to providing a high level of service to the public, being perceived as an organization that is "open for business" and increasing staff productivity. A CRM System will facilitate management of the Municipality's interactions with constituents and customers and provide the ability to store all communications and activities associated with them. An RFP has been developed.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Centralized management of all contact information for the Municipality</b></li>   <li>- <b>Facilitates collection of information for tracking interaction with all clients</b></li>   <li>- <b>Collects analytics for measuring effectiveness of service delivery</b></li> </ul>	
3. Does the gross capital budget for this project include salaries?	No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?	No
5. Is this project mandated by regulatory authorities?	No



# Capital Project Report 2016/2017 - 2020/2021

**Project # 13-001**

Project Name <b>Asset Management Solution</b>	District <b>Districts-All</b>	Department <b>Fin/Admin</b>	Project Manager <b>Kim Ramsay</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 5 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Mach+Equip-GenGov / C003</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Council Motion	300,000					
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 300,000		300,000			
	\$ -					
<b>Sources of Funding</b>						
External-GAS TAX	\$ 300,000		300,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 300,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>The organization is at a critical point in infrastructure and asset management - this software will provide MEH with the ability to proactively support and manage water, wastewater and general municipal assets while providing Operations and other staff with a streamlined approach for tracking and reporting on maintenance orders related to municipal infrastructure. This initiative was identified as a key outcome of the Information Management Strategy.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>To implement an enterprise asset management system available to all departments throughout the Municipality</b></li>   <li>- <b>The system will deliver improved asset management, proactive preventative maintenance and asset inventory tracking.</b></li>   <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	Yes
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	No
<p>5. Is this project mandated by regulatory authorities?</p>	No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-018**

Project Name <b>Truck - Building Maintenance Technician</b>	District <b>Districts-All</b>	Department <b>Fin/Admin</b>	Project Manager <b>Wendy Hill</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Sep 2017</b>
Asset Class Description / # <b>Vehicles-GenGov / C005</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		30,000				
Previously Approved Approval Sought				5,000		
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 35,000	\$ 30,000	\$ -	\$ 5,000	\$ -	\$ -
Estimated Spending by Year	\$ 35,000		35,000			
	\$ -					
<b>Sources of Funding</b>						
Trade-in Value	\$ 5,000		5,000			
Reserve-Cptl from Rev	\$ 30,000		30,000			
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 35,000	\$ -	\$ -	\$ 35,000	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="text-align: center;"><b>Scheduled replacement truck for Building Maintenance Technician.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Provide the building/property maintenance support to municipally owned buildings and properties.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-019**

Project Name <b>Truck - Building Inspection</b>	District <b>Districts-All</b>	Department <b>Planning</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Sep 2017</b>
Asset Class Description / # <b>Vehicles-ProtServ / C009</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		30,000				
Previously Approved Approval Sought				5,000		
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 35,000	\$ 30,000	\$ -	\$ 5,000	\$ -	\$ -
Estimated Spending by Year	\$ 35,000			35,000		
	\$ -					
<b>Sources of Funding</b>						
Trade-in Value	\$ 5,000			5,000		
Reserve-Cptl from Rev	\$ 30,000			30,000		
	\$ -					
<b>Total Funding</b>	\$ 35,000	\$ -	\$ -	\$ 35,000	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="text-align: center;"><b>Scheduled replacement truck for Building Inspection.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Provide the Building Inspectors with a reliable vehicle to facilitate the provision of building inspection services.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-018**

Project Name <b>GPS Field Unit - Replacement</b>	District <b>Districts-All</b>	Department <b>Planning</b>	Project Manager <b>Rachel Gilbert</b>
Asset Category/Life Expectancy <b>Small Equipment - 5 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Mach+Equip-GenGov / C003</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$	15,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$	15,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$	15,000		15,000		
	\$	-				
<b>Sources of Funding</b>						
Trade-in Value	\$	1,200		1,200		
Reserve-Cptl from Rev	\$	13,800		13,800		
	\$	-				
	\$	-				
<b>Total Funding</b>	\$	15,000	\$ -	\$ 15,000	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$	-	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**Replacement for Trimble 6000XT Series GPS Field Unit with an equivalent unit. Existing unit will be at the end of it's 5 year life expectancy.**
  
2. Project Objectives/Deliverables
  - **Provide a GPS field unit capable of 50cm accuracy.**
  
  - **Enable staff to continue to update and create new GIS layers of municipal infrastructure. Over the past several years layers consisting of sidewalks, manholes, water/sewer lines, walkways and recreational trails have been added to the GIS system using the GPS field unit.**
  
  -
  
3. Does the gross capital budget for this project include salaries? No
  
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
  
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-019**

Project Name <b>Scanner/Plotter Replacement</b>	District <b>Districts-All</b>	Department <b>Planning</b>	Project Manager <b>Rachel Gilbert</b>
Asset Category/Life Expectancy <b>Small Equipment - 5 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2015/16</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Mach+Equip-GenGov / C003</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$	13,500				
Previously Approved Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$	13,500	\$	-	\$	-
Estimated Spending by Year	\$	13,500		13,500		
	\$	-				
<b>Sources of Funding</b>						
Trade-in Value	\$	1,800		1,800		
Reserve-Special	\$	11,700		11,700		
	\$	-				
	\$	-				
<b>Total Funding</b>	\$	13,500	\$	-	\$	13,500
	\$	-	\$	-	\$	-
	\$	-	\$	-	\$	-
<b>Net Budget - Funded by Debt</b>	\$	-	\$	-	\$	-
	\$	-	\$	-	\$	-

<p>1. Project Summary</p> <p style="text-align: center;"><b>Replacement for HP Design jet T2300 Plotter and Scanner. Current equipment was purchased in 2012 and will be at the end of it's 5 year life expectancy.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Provide a reliable plotter and scanner to scan large maps/plans and print large scale mapping.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-008**

Project Name <b>Mt. Uniacke Sidewalks</b>	District <b>13-Mt Uniacke/Lakelands</b>	Department <b>Inf/Oper</b>	Project Manager <b>Jesse Hulsman</b>
Asset Category/Life Expectancy <b>Sidewalks - 20 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2018</b>
Asset Class Description / # <b>Sidewalks / C012</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)			2,475,000			
<b>Gross Capital Budget</b>	\$ 2,475,000	\$ -	\$ -	\$ 2,475,000	\$ -	\$ -
Estimated Spending by Year	\$ 2,475,000		50,000	2,425,000		
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 2,475,000	\$ -	\$ 50,000	\$ 2,425,000	\$ -	\$ -

1. Project Summary
 

**Install Sidewalks along Hwy 1 from Etter Road (399 Highway 1) to Giffins Store (645 Highway 1), which is a distance of about 2460 m. This does not include the distance fronting Griffin's as that location is meant as the final destination. Any extension would need to include an additional 60 m to extend the frontage of the Griffin's property.**
2. Project Objectives/Deliverables
  - 
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-062**

Project Name <b>Land Procurement WMC</b>	District <b>Districts-All</b>	Department <b>Inf/Oper</b>	Project Manager <b>Jesse Hulsman</b>
Asset Category/Life Expectancy <b>Land</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Land-WasteMgmt / C023</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)			500,000			
<b>Gross Capital Budget</b>	\$ 500,000	\$ -	\$ -	\$ 500,000	\$ -	\$ -
Estimated Spending by Year	\$ 500,000		500,000			
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Special	\$ -		500,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 500,000	\$ -	\$ -	\$ 500,000	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>Additional land will be required to extend the life of the Georgefield Waste Management Centre. This will allow the development of further waste management and diversion opportunities, and will also create a buffer from adjacent land owners.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Allow for long term future planning of MEH waste management initiatives and land requirements.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	No
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	Yes
<p>5. Is this project mandated by regulatory authorities?</p>	No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-009**

Project Name <b>Waste-Recyclables Transfer Station Expansion</b>	District <b>Districts-All</b>	Department <b>Inf/Oper</b>	Project Manager <b>Andrea Trask</b>
Asset Category/Life Expectancy <b>Buildings/Plants - 25 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2017</b>
Asset Class Description / # <b>Buildings-WasteMgmt / C037</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)			800,000			
<b>Gross Capital Budget</b>	\$ 800,000	\$ -	\$ -	\$ 800,000	\$ -	\$ -
Estimated Spending by Year	\$ 800,000		800,000			
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 800,000	\$ -	\$ -	\$ 800,000	\$ -	\$ -

1. Project Summary
 

**The Waste-Recyclables Transfer Station located at the WMC in Georgefield was originally designed to manage waste only, however, shortly after construction recyclables were being stored and transferred from the building. In December 2013 there were days where the facility was at capacity and the turning radius of equipment was significantly reduced (near miss hazard). The capacity issues are a result of processing facility receiving issues. Growth in construction = growth in waste.**
2. Project Objectives/Deliverables
  - **Increase tipping floor space to improve the safety of the both contractors and the public. (the original design for the building did not include storage of recyclables)**
  - **Increase storage space of recyclables and waste to accommodate both our growth (ie. more waste being produced) and increased activity at our processor facilities (ie sometimes we need to hold off sending materials as those locations are full)**
  - **Increase cold storage space to secure valuable diversion materials (ie Ewaste bins, etc). The expansion section would allow for us to include a caged/closed off area to reduce theft of materials.**
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No



# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-016**

Project Name <b>WMC Scale Replacement</b>	District <b>Districts-All</b>	Department <b>Inf/Oper</b>	Project Manager <b>Andrea Trask</b>
Asset Category/Life Expectancy <b>Buildings/Plants - 25 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Mach+Equip-WasteMgmt / C026</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)			105,000			
<b>Gross Capital Budget</b>	\$ 105,000	\$ -	\$ -	\$ 105,000	\$ -	\$ -
Estimated Spending by Year	\$ 105,000		105,000			
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Special	\$ 105,000		105,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 105,000	\$ -	\$ -	\$ 105,000	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**This project is related to the replacement of the WMC entrance scale which is approximately 20 years old. Over the last 4 years the scale has required increased maintenance and the scale is rusting. Staff recommended replacement of the scale in 2014-2015 which was not approved by Council. Repair costs since 2006 were \$32,486.**
2. Project Objectives/Deliverables
  - **Reduce maintenance costs for the 'old' scale.**
  
  - **Improve reliability of the scales at the WMC.**
  
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-020**

Project Name <b>Truck Replacement - Public Works (#101)</b>	District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Vehicles-Sewer / C016</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		30,000				
Previously Approved Approval Sought			5,000			
Approval Sought for Further Study (F/S)						
Gross Capital Budget	\$ 35,000	\$ 30,000	\$ 5,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 35,000		35,000			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Cptl from Rev	\$ 35,000		35,000			
	\$ -					
	\$ -					
	\$ -					
Total Funding	\$ 35,000	\$ -	\$ 35,000	\$ -	\$ -	\$ -
Net Budget - Funded by Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="margin-left: 20px;"><b>Scheduled replacement of public works vehicle.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Truck replacement every four years</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 14-023**

Project Name <b>Truck Replacement - Public Works (#102)</b>	District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2019</b>
Asset Class Description / # <b>Vehicles-Sewer / C016</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)				35,000		
<b>Gross Capital Budget</b>	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
Estimated Spending by Year	\$ 35,000				35,000	
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Cptl from Rev	\$ 35,000			35,000		
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="margin-left: 20px;"><b>Scheduled replacement of public works vehicle.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Truck replacement every four years</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 15-021**

Project Name <b>WMC Loader Replacement</b>	District	Department Inf/Oper	Project Manager <b>Andrea Trask</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 10 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Jul 2018</b>
Asset Class Description / # <b>Mach+Equip-WasteMgmt / C026</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)				205,000		
<b>Gross Capital Budget</b>	\$ 205,000	\$ -	\$ -	\$ -	\$ 205,000	\$ -
Estimated Spending by Year	\$ 205,000				205,000	
	\$ -					
<b>Sources of Funding</b>						
F/S_Trade-in Value	\$ 50,000			50,000		
F/S_Reserve-Special	\$ 155,000			155,000		
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 205,000	\$ -	\$ -	\$ -	\$ 205,000	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="text-align: center;"><b>The loader is one of the most important pieces of equipment at the WMC, and is replaced on a 5-year schedule. Used every day for sorting and loading materials and also used to construct additional cells for (C&amp;D) Debris at the site.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Replacement of loader within 5-years allows for a better trade-in value.</b></li>   <li>- <b>Improved equipment and operational reliability.</b></li>   <li>- <b>Reduced risk to emergency spending due to breakdown of aging equipment.</b></li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	No
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	No
<p>5. Is this project mandated by regulatory authorities?</p>	No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-049**

Project Name <b>Sewer Aeration System Upgrade</b>	District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy <b>Sewer Lagoons - 50 years</b>	Initial Approval (in 2015/16 or prior years) <b>Capital Budget in Fiscal Year 2010/11</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2019</b>
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>	Work Order # <b>4000000053</b>		

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)				1,675,094		
<b>Gross Capital Budget</b>	\$ 1,675,094	\$ -	\$ -	\$ -	\$ 1,675,094	\$ -
Estimated Spending by Year	\$ 1,675,094			1,675,094		
	\$ (0)					
<b>Sources of Funding</b>						
F/S_Reserve-Infrastructure	\$ 502,528			502,528		
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 502,528	\$ -	\$ -	\$ 502,528	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 1,172,566	\$ -	\$ -	\$ 1,172,566	\$ -	\$ -

<p>1. Project Summary</p> <p><b>Lantz Lagoon, Regional Sewer System. This project will upgrade the aeration system at the Regional Treatment Plant to provide adequate treatment to the wastewater to increase treatment capacity pending the results of the Sewer Capacity Study and in anticipation of changes to Nova Scotia Environment regulations. Previously approved at \$275,000, the sewer capacity study has projected the higher costs, yet to be verified.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>To replace the existing aeration system that is almost at the end of its useful life. This will also provide an opportunity to increase the air volume should it become necessary, due to increased capacity requirements.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	No
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	Yes
<p>5. Is this project mandated by regulatory authorities?</p>	No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-050**

Project Name <b>Lift Station Upgrade - Barney Brook</b>	District <b>7-Lantz</b>	Department <b>Inf/Oper</b>	Project Manager <b>Jesse Hulsman</b>
Asset Category/Life Expectancy <b>Sewer Lift Stations - 40 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2019</b>
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>	Work Order #		

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)				391,100		
<b>Gross Capital Budget</b>	\$ 391,100	\$ -	\$ -	\$ -	\$ 391,100	\$ -
Estimated Spending by Year	\$ 391,100			30,000	361,100	
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Infrastructure	\$ 117,330			9,000	108,330	
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 117,330	\$ -	\$ -	\$ 9,000	\$ 108,330	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 273,770	\$ -	\$ -	\$ 21,000	\$ 252,770	\$ -

<p>1. Project Summary</p> <p style="margin-left: 20px;"><b>Replacement of Barney Brook Sewage Lift Station (SLS 18). Associated forcemain replacement moved to separate project due to schedule differences. This project was identified in the Sewer Capacity Study as a requirement for future development.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>To replacement deteriorating infrastructure.</b></li>   <li>- <b>To provide capacity for future development.</b></li>   <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	No
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	Yes
<p>5. Is this project mandated by regulatory authorities?</p>	No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-009**

Project Name <b>Sewer Upgrade - Lantz</b>	District <b>7-Lantz</b>	Department <b>Inf/Oper</b>	Project Manager <b>Jesse Hulsman</b>
Asset Category/Life Expectancy <b>Sewer Lines - 50 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2019</b>
Asset Class Description / # <b>To be assigned by Finance Department</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)				933,700		
<b>Gross Capital Budget</b>	\$ 933,700	\$ -	\$ -	\$ -	\$ 933,700	\$ -
Estimated Spending by Year	\$ 933,700			50,000	883,700	
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Obligatory	\$ 280,110			15,000	265,110	
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 280,110	\$ -	\$ -	\$ 15,000	\$ 265,110	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 653,590	\$ -	\$ -	\$ 35,000	\$ 618,590	\$ -

1. Project Summary
 

**Replacement of 975 metres of existing sewer on Mader St and Green Rd with larger diameter pipe. This project was identified in the Sewer Capacity Study as a requirement for future development.**
2. Project Objectives/Deliverables
  - **To increase capacity to facilitate future development.**
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-010**

Project Name <b>Lift Station Flowmeter - Milford</b>	District <b>3-Milford</b>	Department <b>Inf/Oper</b>	Project Manager <b>Jesse Hulsman</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 5 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2018</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)				13,000		
<b>Gross Capital Budget</b>	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
Estimated Spending by Year	\$ 13,000				13,000	
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Infrastructure	\$ 13,000			13,000		
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 13,000	\$ -	\$ -	\$ -	\$ 13,000	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary
 

**Installation of a flowmeter on the discharge from the Milford Sewage Lift Station (SLS-21). This project was recommended in the Sewer Capacity Study.**
2. Project Objectives/Deliverables
  - **To monitor wastewater flows to determine when upgrades are required for future development.**
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? No
5. Is this project mandated by regulatory authorities? No



# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-011**

Project Name <b>Lift Station Upgrade - Highway 277</b>	District <b>7-Lantz</b>	Department <b>Inf/Oper</b>	Project Manager <b>Jesse Hulsman</b>
Asset Category/Life Expectancy <b>Sewer Lift Stations - 40 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY)
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)				260,700		
<b>Gross Capital Budget</b>	\$ 260,700	\$ -	\$ -	\$ -	\$ 260,700	\$ -
Estimated Spending by Year	\$ 260,700			30,000	230,700	
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Infrastructure	\$ 78,210			9,000	69,210	
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 78,210	\$ -	\$ -	\$ 9,000	\$ 69,210	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 182,490	\$ -	\$ -	\$ 21,000	\$ 161,490	\$ -

1. Project Summary
 

**Upgrade of Highway 277 Lift Station (SLS-17). This project was identified in the Sewer Capacity Study as a requirement for future development.**
2. Project Objectives/Deliverables
  - **To provide capacity for future development.**
  - 
  -
3. Does the gross capital budget for this project include salaries? No
4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate? Yes
5. Is this project mandated by regulatory authorities? No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-046**

Project Name <b>Water Transmission Main - Lantz</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Jesse Hulsman</b>
Asset Category/Life Expectancy <b>Water - Mains - 75 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2019</b>
Asset Class Description / # <b>WU_Trans Mains / W015</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		1,350,000				
Previously Approved Approval Sought			125,000			
Approval Sought for Further Study (F/S)						
Gross Capital Budget	\$ 1,475,000	\$ 1,350,000	\$ 125,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 1,475,000			135,000	1,340,000	
	\$ -					
<b>Sources of Funding</b>						
Reserve-Depreciation	\$ 287,500			81,000	206,500	
Reserve-Infrastructure	\$ 567,500			54,000	513,500	
	\$ -					
	\$ -					
Total Funding	\$ 855,000	\$ -	\$ -	\$ 135,000	\$ 720,000	\$ -
Net Budget - Funded by Debt	\$ 620,000	\$ -	\$ -	\$ -	\$ 620,000	\$ -

<p>1. Project Summary</p> <p><b>Construction of approximately 2200 metres of water transmission main from Highway 214 to the Lantz Water Tower as recommended in the Infrastructure Capacity Study (Dillon, 2008). Lantz is linked to the regional water system by a single water line under the Nine Mile River. This transmission main will provide an additional water supply line to Lantz, should the existing line be out of service.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>To improve system performance and reliability.</b></li>   <li>- <b>To provide capacity for future development.</b></li>   <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 11-011**

Project Name <b>Railway Access</b>	District <b>Districts-Corridor+</b>	Department <b>Econ/Bus Dev</b>	Project Manager <b>Kim MacDonald</b>
Asset Category/Life Expectancy <b>Buildings/Plants - 25 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2020</b>
Asset Class Description / # <b>Buildings-GenGov / C002</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)					1,200,000	
<b>Gross Capital Budget</b>	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000
Estimated Spending by Year	\$ 1,200,000				1,200,000	
	\$ -					
<b>Sources of Funding</b>						
External-BCF	\$ 800,000				800,000	
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ 800,000
<b>Net Budget - Funded by Debt</b>	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000

<p>1. Project Summary</p> <p style="text-align: center;"><b>Exploration and development of public-use rail access in East Hants corridor area. This amount is to provide for the acquisition of land, site preparation and development and the construction of the facility.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Multi-user rail access in MEH corridor area.</b></li>   <li>- <b>Acquire land at reasonable current market prices for future development and prepare the site for construction</b></li>   <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-053**

Project Name <b>Sidewalks - Elmsdale (Square)</b>	District <b>2-Elmsdale</b>	Department <b>Inf/Oper</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Sidewalks - 20 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2020</b>
Asset Class Description / # <b>Sidewalks / C012</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)					122,000	
<b>Gross Capital Budget</b>	\$ 122,000	\$ -	\$ -	\$ -	\$ -	\$ 122,000
Estimated Spending by Year	\$ 122,000				122,000	
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 122,000	\$ -	\$ -	\$ -	\$ -	\$ 122,000

<p>1. Project Summary</p> <p><b>Completion of 122 metres of sidewalk along Highway 2 from Highway 214 to the existing sidewalk. Includes storm sewers, curb and gutter, sidewalks, and pavement widening. Project subject to NSTIR approval (previously denied in 2005) due to concerns over truck turning radius heading South on Highway 2 and turning onto Highway 214. Circumstances not foreseen to change in the near future, project status would change if NSTIR makes concessions on the requirements.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Sidewalks.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-022**

Project Name <b>Wastewater Treatment Plant Replacement - Shubenacadie</b>	District <b>4-Shubenacadie</b>	Department <b>Inf/Oper</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Sewer Treatment Plants - 50 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2021</b>
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>	Work Order #		

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)					4,600,000	
<b>Gross Capital Budget</b>	\$ 4,600,000	\$ -	\$ -	\$ -	\$ 4,600,000	\$ -
Estimated Spending by Year	\$ 4,600,000				400,000	4,200,000
	\$ -					
<b>Sources of Funding</b>						
External-BCF	\$ 3,066,667				266,667	2,800,000
F/S_Reserve-Obligatory	\$ -				120,000	1,260,000
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 4,446,667	\$ -	\$ -	\$ -	\$ 386,667	\$ 4,060,000
<b>Net Budget - Funded by Debt</b>	\$ 153,333	\$ -	\$ -	\$ -	\$ 13,333	\$ 140,000

<p>1. Project Summary</p> <p><b>Construction of a new sewage treatment plant, subject to regulatory requirement and approval of design. This project is eligible for Build Canada funding, dependent upon availability of funding when the project moves forward. Originally \$4,000,000 was Approved for Further Study in the 2012-13 Capital Budget. Currently listed as #3 on the priority list for the BCF Funding.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>To meet environmental regulations.</b></li>   <li>- <b>To provide capacity for future development.</b></li>   <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>Yes</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-012**

Project Name <b>Sewer Upgrade - Milford</b>	District <b>3-Milford</b>	Department <b>Inf/Oper</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Sewer Lines - 50 years</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2020</b>
Asset Class Description / # <b>To be assigned by Finance Department</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)					720,600	
<b>Gross Capital Budget</b>	\$ 720,600	\$ -	\$ -	\$ -	\$ -	\$ 720,600
Estimated Spending by Year	\$ 720,600				40,000	680,600
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Obligatory	\$ 216,180				12,000	204,180
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 216,180	\$ -	\$ -	\$ -	\$ 12,000	\$ 204,180
<b>Net Budget - Funded by Debt</b>	\$ 504,420	\$ -	\$ -	\$ -	\$ 28,000	\$ 476,420

<p>1. Project Summary</p> <p style="text-align: center;"><b>Replacement of 760 metres of existing sewer on Highway 2, from Highway 14 to Lacey Road, with larger diameter pipe. This project was identified in the Sewer Capacity Study as a requirement for future development.</b></p>	
<p>2. Project Objectives/Deliverables</p> <p style="text-align: center;"><b>- To increase capacity to facilitate future development.</b></p> <p style="text-align: center;">-</p> <p style="text-align: center;">-</p>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>Yes</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 16-013**

Project Name <b>Truck Replacement - Public Works (#103)</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>	Initial Approval (in 2015/2016 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2020</b>
Asset Class Description / # <b>Vehicles-Sewer / C016</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)					35,000	
<b>Gross Capital Budget</b>	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000
Estimated Spending by Year	\$ 35,000					35,000
	\$ -					
<b>Sources of Funding</b>						
Reserve-Cptl from Rev	\$ 35,000				35,000	
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

- |  |    |
|--|----|
| <p>1. Project Summary</p> <ul style="list-style-type: none"> <li>- <b>Scheduled replacement of public works vehicle.</b></li> </ul>                            |    |
| <p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Truck replacement every four years.</b></li> <li>-</li> <li>-</li> </ul> |    |
| <p>3. Does the gross capital budget for this project include salaries?</p>   | No |
| <p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>           | No |
| <p>5. Is this project mandated by regulatory authorities?</p>  | No |

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-051**

Project Name <b>Water Transmission Main - Evergreen Cr</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Water - Mains - 75 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2019</b>
Asset Class Description / # <b>WU_DistMains / W017</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		125,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 125,000				125,000	
	\$ -					
<b>Sources of Funding</b>						
Reserve-Depreciation	\$ 68,750				68,750	
Reserve-Infrastructure	\$ 56,250				56,250	
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="text-align: center;"><b>Construction of a water transmission main from Evergreen Crescent to the Lantz Water Tower to improve system performance and reliability. Project to coincide with Lantz Transmission Main (capital project #10-046).</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Water transmission main.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>



# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-052**

Project Name <b>Water Connector - Towerview Drive</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Water - Structures - 75 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2019</b>
Asset Class Description / # <b>WU_Trans Mains / W015</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		75,000				
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 75,000				75,000	
	\$ -					
<b>Sources of Funding</b>						
Reserve-Depreciation	\$ 75,000				75,000	
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="text-align: center;"><b>Construction of a watermain from Tower View Court to Logan Drive to improve system performance and reliability. Project to coincide with Lantz Transmission Main (capital project #10-046).</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Watermain connector.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-060**

Project Name <b>Water Tower - North Lantz</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Water - Structures - 75 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2021</b>
Asset Class Description / # <b>WU_Struc-DistReservoir / W005</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)					2,000,000	
<b>Gross Capital Budget</b>	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
Estimated Spending by Year	\$ 2,000,000				200,000	1,800,000
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 200,000	\$ 1,800,000

<p>1. Project Summary</p> <p><b>Construction of a new water tower in the north end of Lantz is required to meet increased servicing needs anticipated if the current conceptual and preliminary new subdivisions proceed. Project dependent on demonstrated need based on development patterns. Delayed from prior capital budget submissions.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>New water tower and associated chlorine monitor/injection and control building and connection to existing water system.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-054**

Project Name <b>Sidewalks - Elmsdale (Highway 214)</b>	District <b>2-Elmsdale</b>	Department <b>Inf/Oper</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Sidewalks - 20 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2021</b>
Asset Class Description / # <b>Sidewalks / C012</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						480,000
<b>Gross Capital Budget</b>	\$ 480,000	\$ -	\$ -	\$ -	\$ -	\$ 480,000
Estimated Spending by Year	\$ 480,000					480,000
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 480,000	\$ -	\$ -	\$ -	\$ -	\$ 480,000

<p>1. Project Summary</p> <p><b>Construction of 480m of sidewalk along Highway 214 from Highway 102 to Park Road per C03 (265). Design was completed by July 2008 at \$10,460. Includes storm sewer, curb/gutter, sidewalks, pavement widening. Project was cancelled in 2008 due to NSTIR requirement that Municipality agree to pay for cost of future relocation when required due to planned road widening between Park Road and Highway 102 South on-ramp. Project dependent on NSTIR plans and Council direction. Delayed from prior capital budget submissions.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- Sidewalks.</li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	No
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	No
<p>5. Is this project mandated by regulatory authorities?</p>	No

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-042**

Project Name <b>Sewer Forcemain Replacement - Burgess Road</b>	District <b>4-Shubenacadie</b>	Department <b>Inf/Oper</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Sewer Lines - 50 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2020</b>
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>	Work Order #		

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						144,000
<b>Gross Capital Budget</b>	\$ 144,000	\$ -	\$ -	\$ -	\$ -	\$ 144,000
Estimated Spending by Year	\$ 144,000					144,000
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 144,000	\$ -	\$ -	\$ -	\$ -	\$ 144,000

<p>1. Project Summary</p> <p style="text-align: center;"><b>This item includes the cost for design and construction of a new forcemain from the Burgess Road Lift Station to the existing sewage treatment plant in Shubenacadie. Project is dependent upon demonstrated need and/or location of new sewage treatment plant.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Upgrade sewer forcemain.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-043**

Project Name <b>Sewer Forcemain Replacement - Maitland Road</b>	District <b>4-Shubenacadie</b>	Department <b>Inf/Oper</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Sewer Lines - 50 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2020</b>
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						450,000
<b>Gross Capital Budget</b>	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000
Estimated Spending by Year	\$ 450,000					450,000
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000

<p>1. Project Summary</p> <p><b>This item includes the cost for design and construction of a new forcemain from Maitland Road Lift Station to the Burgess Road Lift Station or new treatment plant. Project is dependent upon demonstrated need and/or location of new sewage treatment plant.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Upgrade sewer forcemain.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 11-018**

Project Name <b>Water Production Well - Shubenacadie</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Water - Structures - 40 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2021</b>
Asset Class Description / # <b>WU_Struc-SOS / W008</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						100,000
<b>Gross Capital Budget</b>	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Estimated Spending by Year	\$ 100,000					100,000
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Depreciation	\$ 100,000					100,000
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="margin-left: 20px;"><b>At some future date, a third production well will be needed to assure redundant capacity for the water treatment plant. Corrosion and some loss of capacity will ultimately take a toll on the existing wells. This project identifies the need; timing not yet specifically known.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Additional well capacity.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 13-005**

Project Name <b>Lantz Water Tower Repainting</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Water - Structures - 75 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2021</b>
Asset Class Description / # <b>WU_Struc-Treatment / W003</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						145,000
<b>Gross Capital Budget</b>	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ 145,000
Estimated Spending by Year	\$ 145,000					145,000
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Depreciation	\$ 145,000					145,000
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ 145,000
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="text-align: center;"><b>This project is to re-paint the water tower in Lantz. This project will require reassessment in future years to determine if it is needed sooner or if it can be deferred.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Repaint the Lantz Water Tower</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>

# Capital Project Report 2016/2017 - 2020/2021

**Project # 10-059**

Project Name <b>Water Intake Extension - Enfield</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>To be assigned</b>
Asset Category/Life Expectancy <b>Water - Structures - 75 years</b>	Initial Approval (in 2015/16 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2020</b>
Asset Class Description / # <b>WU_Trans Mains / W015</b>		Work Order #	

	Prev Years	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)						300,000
<b>Gross Capital Budget</b>	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Estimated Spending by Year	\$ 300,000					300,000
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Depreciation	\$ 30,000					30,000
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
<b>Net Budget - Funded by Debt</b>	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ 270,000

<p>1. Project Summary</p> <p style="text-align: center;"><b>Extension of the existing Enfield Water Treatment Plant intake to a location upstream of Hall's Brook. Extension was identified in the Source Water Protection Plan as a means of mitigating potential pollution from the Hall's Brook catchment area. Staff feel this project should be delayed until a full risk/benefit analysis is known.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Lower risk water intake.</b></li> <li>-</li> <li>-</li> </ul>	
<p>3. Does the gross capital budget for this project include salaries?</p>	<b>No</b>
<p>4. Is this project a major overhaul that will increase the asset's capabilities or extend the life of the asset beyond the original estimate?</p>	<b>No</b>
<p>5. Is this project mandated by regulatory authorities?</p>	<b>No</b>