

# **FIVE-YEAR CAPITAL BUDGET 2017/2018 - 2021/2022**

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

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# 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 2017/2018 - 2021/2022 capital budget may include:

- projects approved in prior years that are expected to continue beyond March 31st, 2017;
- 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 2017/2018 through 2019/2020;
- new projects proposed to Council for approval for further study to commence in any of the years 2017/2018 through 2021/2022.

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 Municipal Affairs.

**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 2017/2018 to 2021/2022 as presented be approved and adopted effective April 1<sup>st</sup>, 2017. 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>, 2017. 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 2018/2019 prior to April 1<sup>st</sup>, 2018;

And that, any projects approved in the 2016/2017 Capital Budget not reflected as carried forward to the 2017/2018 Capital Budget, but that are substantially committed at March 31<sup>st</sup>, 2017, shall be carried forward to 2017/2018, based on the remaining budget at March 31<sup>st</sup>, 2017;

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 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 Debiture	Funding - Projects for Further Study
<b>ECONOMIC AND BUSINESS DEVELOPMENT</b>											
13	10-008	Land Acquisition - Elmsdale Business Park	\$ 2,643,155	\$ 1,617,155	\$ -	\$ 1,026,000	182,755	-	-	1,434,400	1,026,000
14	10-010	Land Acquisition - Uniacke Business Park	\$ 1,242,640	\$ 1,242,640	\$ -	\$ -	993,203	-	-	249,437	-
15	16-019	Business Park Signage	\$ 80,000	\$ -	\$ 15,000	\$ 65,000	15,000	-	-	-	65,000
16	17-006	Development - Elmsdale Business Park	\$ 30,000	\$ -	\$ 30,000	\$ -	30,000	-	-	-	-
17	17-007	Development - Uniacke Business Park	\$ 10,000	\$ -	\$ 10,000	\$ -	10,000	-	-	-	-
18	17-020	Uniacke Bus Park South Phase Development	\$ 835,000	\$ -	\$ 835,000	\$ -	-	-	-	835,000	-
19	17-024	Elmsdale Business Park - Buybacks	\$ 316,000	\$ -	\$ 316,000	\$ -	105,000	-	-	211,000	-
20	17-025	Mt. Uniacke Business Park - Buybacks	\$ 96,000	\$ -	\$ 96,000	\$ -	54,000	-	-	42,000	-
<b>FINANCE AND ADMINISTRATION</b>											
21	11-003	Records Mgt & Document Mgt Systems	\$ 136,000	\$ 136,000	\$ -	\$ -	136,000	-	-	-	-
22	14-003	Customer Relationship Management System	\$ 50,000	\$ 50,000	\$ -	\$ -	-	50,000	-	-	-
23	14-018	Truck - Building Maintenance Technician	\$ 35,000	\$ 35,000	\$ -	\$ -	-	30,000	5,000	-	-
24	14-022	Unified Communications System	\$ 75,000	\$ 75,000	\$ -	\$ -	75,000	-	-	-	-
25	17-008	Streetlights - Urban Service Rate	\$ 28,220	\$ -	\$ 28,220	\$ -	14,110	-	14,110	-	-
26	17-009	Streetlights - Other	\$ 27,175	\$ -	\$ 27,175	\$ -	18,290	-	8,885	-	-
<b>PARKS, RECREATION AND CULTURE</b>											
27	12-017	Land Acquisition - Fundy Shore	\$ 75,000	\$ -	\$ -	\$ 75,000	-	-	-	-	75,000
28	13-008	East Hants Aquatic Centre	\$ 17,000,000	\$ 17,000,000	\$ -	\$ -	1,220,676	3,090,429	-	12,688,895	-
29	15-001	Land acquisition for tourism assets	\$ 75,000	\$ 75,000	\$ -	\$ -	-	-	-	75,000	-
30	15-004	Various Land Acquisition	\$ 900,000	\$ 500,000	\$ -	\$ 400,000	318,003	49,447	-	132,550	400,000
31	15-005	Burntcoat Head Park Development	\$ 668,111	\$ 668,111	\$ -	\$ -	-	-	388,111	280,000	-
32	15-016	Bay of Fundy Signage Identity Program	\$ 78,000	\$ 78,000	\$ -	\$ -	-	-	78,000	-	-
33	16-016	Caboose	\$ 20,000	\$ -	\$ -	\$ 20,000	-	-	-	-	20,000
34	16-017	Dominion Atlantic Railway (DAR) - Development	\$ 500,000	\$ 100,000	\$ -	\$ 400,000	-	50,000	50,000	-	400,000
35	17-010	Tree Planting at Wickwire Park	\$ 10,000	\$ -	\$ 10,000	\$ -	-	5,000	5,000	-	-
36	17-011	River Park Signage	\$ 15,000	\$ -	\$ 15,000	\$ -	15,000	-	-	-	-
37	17-012	Playground School Road	\$ 30,000	\$ -	\$ 30,000	\$ -	20,000	-	10,000	-	-

Capital Projects 2017/2018 - 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
38	17-013	Wickwire Station Pavilion	\$ 15,000	\$ -	\$ 15,000	\$ -	-	15,000	-	-	-
39	17-014	Brickyard Park Outhouse	\$ 15,000	\$ -	\$ 15,000	\$ -	15,000	-	-	-	-
<b>PLANNING AND DEVELOPMENT</b>											
40	14-019	Truck - Building Inspection	\$ 35,000	\$ 35,000	\$ -	\$ -	-	30,000	5,000	-	-
41	15-019	Scanner/Plotter Replacement	\$ 12,000	\$ -	\$ 12,000	\$ -	-	11,300	700	-	-
<b>WASTEWATER SYSTEMS</b>											
42	10-022	Wastewater Treatment Plant Replacement - Shubenacadie	\$ 4,600,000	\$ -	\$ 250,000	\$ 4,350,000	-	250,000	-	-	4,350,000
43	10-041	Sewer Upgrade - Highway 214	\$ 919,000	\$ 919,000	\$ -	\$ -	-	275,700	-	643,300	-
44	14-020	Truck Replacement - Public Works (#101)	\$ 35,000	\$ 35,000	\$ -	\$ -	-	35,000	-	-	-
45	16-006	Lift Station Upgrade - Medical Center	\$ 130,400	\$ 130,400	\$ -	\$ -	35,000	39,120	-	56,280	-
46	16-007	Lift Station Upgrade - Industrial Way	\$ 421,100	\$ 421,100	\$ -	\$ -	-	126,330	-	294,770	-
47	16-008	Forcemain Replacement - Barney Brook	\$ 404,100	\$ 404,100	\$ -	\$ -	-	121,230	-	282,870	-
48	17-016	Wastewater Treatment Plant Repl. - Milford	\$ 18,440	\$ 18,440	\$ -	\$ -	18,440	-	-	-	-
49	17-021	Lift Station SCADA Upgrade	\$ 10,000	\$ -	\$ 10,000	\$ -	-	10,000	-	-	-
<b>EAST HANTS WATER UTILITY</b>											
50	10-031	Water Transmission Main - Enfield	\$ 1,958,880	\$ 1,958,880	\$ -	\$ -	342,804	146,916	1,469,160	-	-
51	10-046	Water Transmission Main - Lantz	\$ 1,475,000	\$ 1,475,000	\$ -	\$ -	258,125	110,625	1,106,250	-	-
52	10-051	Water Transmission Main - Evergreen Cr	\$ 125,000	\$ 125,000	\$ -	\$ -	-	125,000	-	-	-
53	17-001	Hydrants	\$ 60,000	\$ -	\$ 60,000	\$ -	-	60,000	-	-	-
54	17-002	Leak Detection Equipment	\$ 25,000	\$ -	\$ 25,000	\$ -	-	25,000	-	-	-
55	17-003	Water Meter Replacement - New Meters	\$ 160,000	\$ -	\$ 93,750	\$ 66,250	-	93,750	-	-	66,250
56	17-004	Water Meter Upgrade	\$ 1,053,550	\$ -	\$ 641,050	\$ 412,500	-	641,050	-	-	412,500
<b>TOTAL FOR 2017/2018 - MUNICIPAL</b>			<b>\$ 31,590,341</b>	<b>\$ 23,539,946</b>	<b>\$ 1,714,395</b>	<b>\$ 6,336,000</b>	<b>\$ 3,275,477</b>	<b>\$ 4,188,556</b>	<b>\$ 564,806</b>	<b>\$ 17,225,502</b>	<b>\$ 6,336,000</b>
<b>TOTAL FOR 2017/2018 - WATER UTILITY</b>			<b>\$ 4,857,430</b>	<b>\$ 3,558,880</b>	<b>\$ 819,800</b>	<b>\$ 478,750</b>	<b>\$ 600,929</b>	<b>\$ 1,202,341</b>	<b>\$ 2,575,410</b>	<b>\$ -</b>	<b>\$ 478,750</b>
<b>TOTAL FOR 2017/2018</b>			<b>\$ 36,447,771</b>	<b>\$ 27,098,826</b>	<b>\$ 2,534,195</b>	<b>\$ 6,814,750</b>	<b>\$ 3,876,406</b>	<b>\$ 5,390,897</b>	<b>\$ 3,140,216</b>	<b>\$ 17,225,502</b>	<b>\$ 6,814,750</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 Debiture	Funding - Projects for Further Study
<b>FINANCE AND ADMINISTRATION</b>											
57	13-001	Asset Management Solution	\$ 300,000	\$ 300,000	\$ -	\$ -	50,000	-	250,000	-	-
<b>WASTE MANAGEMENT CENTRE</b>											
58	14-010	Organics Processing Facility	\$ 3,000,000	\$ -	\$ -	\$ 3,000,000	-	-	-	-	3,000,000
59	14-016	WMC Scale Replacement	\$ 105,000	\$ -	\$ -	\$ 105,000	-	-	-	-	105,000
60	15-021	WMC Loader Replacement	\$ 250,000	\$ -	\$ 250,000	\$ -	150,000	-	100,000	-	-
<b>WASTEWATER SYSTEMS</b>											
61	10-049	Sewer Aeration System Upgrade	\$ 1,675,094	\$ -	\$ -	\$ 1,675,094	-	-	-	-	1,675,094
62	17-022	Pump Upgrade - Multiple Lift Stations	\$ 626,500	\$ -	\$ 65,000	\$ 561,500	65,000	-	-	-	561,500
63	14-023	Truck Replacement - Public Works (#102)	\$ 35,000	\$ 35,000	\$ -	\$ -	-	35,000	-	-	-
<b>TOTAL FOR 2018/2019 - MUNICIPAL</b>			<b>\$ 5,991,594</b>	<b>\$ 335,000</b>	<b>\$ 315,000</b>	<b>\$ 5,341,594</b>	<b>\$ 265,000</b>	<b>\$ 35,000</b>	<b>\$ 350,000</b>	<b>\$ -</b>	<b>\$ 5,341,594</b>
<b>TOTAL FOR 2018/2019 - WATER UTILITY</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL FOR 2018/2019</b>			<b>\$ 5,991,594</b>	<b>\$ 335,000</b>	<b>\$ 315,000</b>	<b>\$ 5,341,594</b>	<b>\$ 265,000</b>	<b>\$ 35,000</b>	<b>\$ 350,000</b>	<b>\$ -</b>	<b>\$ 5,341,594</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>											
64	17-018	Elmsdale Business Park Expansion - Street H, I, and D Loop	\$ 2,100,000	\$ -	\$ -	\$ 2,100,000	-	-	-	-	2,100,000
<b>TRANSPORTATION</b>											
65	14-008	Mt. Uniacke Sidewalks	\$ 2,475,000	\$ -	\$ -	\$ 2,475,000	-	-	-	-	2,475,000
<b>WASTE MANAGEMENT CENTRE</b>											
66	14-009	Waste-Recyclables Transfer Station Expansion	\$ 800,000	\$ -	\$ -	\$ 800,000	-	-	-	-	800,000
<b>WASTEWATER SYSTEMS</b>											
67	10-050	Lift Station Upgrade - Barney Brook	\$ 391,100	\$ -	\$ -	\$ 391,100	-	-	-	-	391,100
68	16-009	Sewer Upgrade - Lantz	\$ 933,700	\$ -	\$ -	\$ 933,700	-	-	-	-	933,700
69	16-011	Lift Station Upgrade - Highway 277	\$ 260,700	\$ -	\$ -	\$ 260,700	-	-	-	-	260,700
70	16-013	Truck Replacement - Public Works (#103)	\$ 35,000	\$ -	\$ -	\$ 35,000	-	-	-	-	35,000
<b>EAST HANTS WATER UTILITY</b>											
71	17-026	Bulk Water Station - Shubenacadie	\$ 500,000	\$ -	\$ -	\$ 500,000	-	-	-	-	500,000
<b>TOTAL FOR 2019/2020 - MUNICIPAL</b>			<b>\$ 6,995,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,995,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,995,500</b>
<b>TOTAL FOR 2019/2020 - WATER UTILITY</b>			<b>\$ 500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>
<b>TOTAL FOR 2019/2020</b>			<b>\$ 7,495,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,495,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,495,500</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>ECONOMIC AND BUSINESS DEVELOPMENT</b>											
72	11-011	Railway Access	\$ 1,200,000	\$ -	\$ -	\$ 1,200,000	-	-	-	-	1,200,000
73	17-019	Elmsdale Business Park Expansion - Venture Cres Extension	\$ 525,000	\$ -	\$ -	\$ 525,000	-	-	-	-	525,000
<b>PLANNING AND DEVELOPMENT</b>											
74	17-015	Bylaw Enforcement Truck	\$ 35,000	\$ -	\$ -	\$ 35,000	-	-	-	-	35,000
<b>WASTEWATER SYSTEMS</b>											
75	16-012	Sewer Upgrade - Milford	\$ 720,600	\$ -	\$ -	\$ 720,600	-	-	-	-	720,600
76	17-017	Truck Replacement - Public Works (#104)	\$ 35,000	\$ -	\$ -	\$ 35,000	-	-	-	-	35,000
77	17-023	Lift Station Upgrade - Old Elmsdale School	\$ 150,000	\$ -	\$ -	\$ 150,000	-	-	-	-	150,000
<b>EAST HANTS WATER UTILITY</b>											
78	10-060	Water Tower - North Lantz	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000	-	-	-	-	2,000,000
79	17-005	Guidelines for Canadian Drinking Water Quality (GCDWQ) -	\$ 40,000	\$ -	\$ -	\$ 40,000	-	-	-	-	40,000
<b>TOTAL FOR 2020/2021 - MUNICIPAL</b>			<b>\$ 2,665,600</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,665,600</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,665,600</b>
<b>TOTAL FOR 2020/2021 - WATER UTILITY</b>			<b>\$ 2,040,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,040,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,040,000</b>
<b>TOTAL FOR 2020/2021</b>			<b>\$ 4,705,600</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,705,600</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,705,600</b>

## Capital Projects 2021/2022 - 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>											
80	10-053	Sidewalks - Elmsdale (Square)	\$ 122,000	\$ -	\$ -	\$ 122,000	-	-	-	-	122,000
81	10-054	Sidewalks - Elmsdale (Highway 214)	\$ 480,000	\$ -	\$ -	\$ 480,000	-	-	-	-	480,000
<b>WASTEWATER SYSTEMS</b>											
82	16-010	Lift Station Flowmeter - Milford	\$ 13,000	\$ -	\$ -	\$ 13,000	-	-	-	-	13,000
<b>EAST HANTS WATER UTILITY</b>											
83	11-018	Water Production Well - Shubenacadie	\$ 100,000	\$ -	\$ -	\$ 100,000	-	-	-	-	100,000
84	13-005	Lantz Water Tower Renewal	\$ 145,000	\$ -	\$ -	\$ 145,000	-	-	-	-	145,000
<b>TOTAL FOR 2021/2022 - MUNICIPAL</b>			<b>\$ 615,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 615,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 615,000</b>
<b>TOTAL FOR 2021/2022 - WATER UTILITY</b>			<b>\$ 245,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 245,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 245,000</b>
<b>TOTAL FOR 2021/2022</b>			<b>\$ 860,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 860,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 860,000</b>

**Capital Projects 2017/2018 to 2021/2022 - 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 2017/2018 to 2021/2022 - MUNICIPAL	\$ 47,858,035	\$ 23,874,946	\$ 2,029,395	\$ 21,953,694	\$ 3,540,477	\$ 4,223,556	\$ 914,806	\$ 17,225,502	\$ 21,953,694
		GRAND TOTAL FOR 2017/2018 to 2021/2022 - WATER UTILITY	\$ 7,642,430	\$ 3,558,880	\$ 819,800	\$ 3,263,750	\$ 600,929	\$ 1,202,341	\$ 2,575,410	\$ -	\$ 3,263,750
		GRAND TOTAL FOR 2017/2018 to 2021/2022 - WATER UTILITY	\$ 55,500,465	\$ 27,433,826	\$ 2,849,195	\$ 25,217,444	\$ 4,141,406	\$ 5,425,897	\$ 3,490,216	\$ 17,225,502	\$ 25,217,444

# 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 2017/2018 - 2021/2022

**Project # 10-008**

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 2016/17 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>Land-BusPark-Elmsdale / C033</b>		Work Order # <b>4000000040</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		1,464,400				
Previously Approved Council Motion		152,755				
Approval Sought						
Approval Sought for Further Study (F/S)			1,026,000			
<b>Gross Capital Budget</b>	<b>\$ 2,643,155</b>	<b>\$ 1,617,155</b>	<b>\$ -</b>	<b>\$ 1,026,000</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 2,643,155	152,755	30,000	2,460,400		
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 182,755	152,755	30,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ 182,755</b>	<b>\$ 152,755</b>	<b>\$ 30,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 2,460,400</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,460,400</b>	<b>\$ -</b>	<b>\$ -</b>

- Project Summary  
**Purchase of land or options to purchase land to expand the number of lots available for sale in the Elmsdale Business Park.**
- Project Objectives/Deliverables
  - Acquire land at resonable current market prices for future development**
  - To facilitate the sale of lots in the Elmsdale Business Park**
- 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 2017/2018 - 2021/2022

**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 2016/17 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>Land-BusPark-MtUniacke / C034</b>		Work Order # <b>4000000041</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		1,065,500				
Previously Approved Council Motion		177,140				
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	<b>\$ 1,242,640</b>	<b>\$ 1,242,640</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 1,242,640	520,453	602,187	120,000		
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 993,203	520,453	472,750			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ 993,203</b>	<b>\$ 520,453</b>	<b>\$ 472,750</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 249,437</b>	<b>\$ -</b>	<b>\$ 129,437</b>	<b>\$ 120,000</b>	<b>\$ -</b>	<b>\$ -</b>

1. Project Summary	
<b>Purchase of land or options to purchase land to expand the number of lots available for sale in the Uniacke Business Park.</b>	
2. Project Objectives/Deliverables	
<ul style="list-style-type: none"> <li>- <b>To facilitate the sale of lots in the Uniacke Business Park</b></li>   <li>- <b>Acquire land at reasonable current market prices for future development</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 2017/2018 - 2021/2022

**Project # 16-019**

Project Name <b>Business Park Signage</b>	District <b>Districts-All</b>	Department <b>Econ/Bus Dev</b>	Project Manager <b>Kim MacDonald</b>
Asset Category/Life Expectancy <b>Land Improvements - 10 years</b>	Initial Approval (in 2016/17 or prior years) <b>Capital Budget in Fiscal Year 2016/17</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2019</b>
Asset Class Description / # <b>Roads+Infrastructure-BusParks / C036</b>	Work Order # <b>4000000240</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Approval Sought		15,000				
Approval Sought for Further Study (F/S)			65,000			
<b>Gross Capital Budget</b>	\$ 80,000	\$ -	\$ 15,000	\$ 65,000	\$ -	\$ -
Estimated Spending by Year	\$ 80,000	15,000	65,000			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 15,000	15,000				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 15,000	\$ -	\$ 15,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 65,000	\$ -	\$ -	\$ 65,000	\$ -	\$ -

<p>1. Project Summary</p> <ul style="list-style-type: none"> <li>- To supply and install a directory at one of the expanded entrances to the Uniacke Business Park (similar to that in the Elmsdale Business Park), for the future installation of a Highway 101 facing Pylon Sign and to provide Elmsdale Business Park with Sign at the corner of Park Road and Highway 214.</li> </ul>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- To define and evaluate requirements, identify potential providers, options and costs, and to procure a provider to design, construct and install sign.</li> <li>- To facilitate the sale of lots in the Elmsdale and Uniacke Business Parks.</li> <li>- To provide business park occupants with an opportunity to advertise or list their business; to provide directional information to business park visitors; to promote East Hants as a business destination</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 2017/2018 - 2021/2022

**Project # 17-006**

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 2016/17 or prior years) <b>in Fiscal Year</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Land-BusPark-Elmsdale / C033</b>		Work Order # <b>4000000241</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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	
- <b>Annual fees for surveys and related work to create building lots in the Elmsdale Business Park.</b>	
2. Project Objectives/Deliverables	
- <b>To facilitate the sale of lots in the Elmsdale Business Park.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 17-007**

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 2016/17 or prior years) <b>in Fiscal Year</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Land-BusPark-MtUniacke / C034</b>		Work Order # <b>400000242</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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	
- <b>Annual fees for surveys and related work to create building lots in the Uniacke Business Park.</b>	
2. Project Objectives/Deliverables	
- <b>To facilitate the sale of lots in the Uniacke Business Park.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 17-020**

Project Name <b>Uniacke Bus Park South Phase Development</b>		District <b>BusinessPark-Mt Uniacke</b>	Department <b>Econ/Bus Dev</b>	Project Manager <b>Kim MacDonald</b>
Asset Category/Life Expectancy <b>Streets/Roads - 50 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2019</b>
Asset Class Description / # <b>Streets+Roads / C010</b>		Work Order # <b>4000000243</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		45,000	790,000			
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 835,000	\$ -	\$ 45,000	\$ 790,000	\$ -	\$ -
Estimated Spending by Year	\$ 835,000	45,000	790,000			
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>		\$ -	\$ 45,000	\$ 790,000	\$ -	\$ -

- Project Summary**

**The Uniacke Business Park has no "development ready" lots available.**

**To add additional "development ready lots", this project will design and construct roads and lots on newly acquired expansion lands in the Uniacke Business Park.**
- Project Objectives/Deliverables**

  - Additional land and lots to meet current demand and to encourage future development.**
  - Provide cleared and pad ready lots and a larger lot inventory to meet a larger variety of development needs.**
  -
- 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 2017/2018 - 2021/2022

**Project # 17-024**

Project Name <b>Elmsdale Business Park - Buybacks</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 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / #	<b>Land-BusPark-Elmsdale / C033</b>	Work Order # <b>400000244</b>	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		316,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 316,000	\$ -	\$ 316,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 316,000		316,000			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 105,000		105,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 105,000	\$ -	\$ 105,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>		\$ -	\$ 211,000	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p style="margin-left: 20px;"><b>As per the business park sale agreements, the municipality has the ability to buyback any business park lands that are not developed within a specific timeframe.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>This project allows the Municipality to buyback undeveloped land in the Elmsdale Business Park which can then be resold and developed.</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 2017/2018 - 2021/2022

**Project # 17-025**

Project Name <b>Mt. Uniacke Business Park - Buybacks</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 2016/17 or prior years) <b>in Fiscal Year</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Land-BusPark-MtUniacke / C034</b>		Work Order # <b>400000245</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		96,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 96,000	\$ -	\$ 96,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 96,000		96,000			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 54,000		54,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 54,000	\$ -	\$ 54,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>		\$ -	\$ 42,000	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>As per the business park sale agreements, the municipality has the ability to buyback any business park lands that are not developed within a specific timeframe.</b></p>	
<p>2. Project Objectives/Deliverables</p> <p><b>- This project allows the Municipality to buyback undeveloped land in the Uniacke Business Park which can then be resold and developed.</b></p> <p>-</p> <p>-</p>	
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 2017/2018 - 2021/2022

**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 2016/17 or prior years) <b>Capital Budget in Fiscal Year 2011/12</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Mach+Equip-GenGov / C003</b>			Work Order # <b>400000001</b>	

		Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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	124,822	11,178			
		\$ -					
<b>Sources of Funding</b>							
Reserve-Special		\$ 136,000	124,822	11,178			
		\$ -					
		\$ -					
		\$ -					
<b>Total Funding</b>		\$ 136,000	\$ 124,822	\$ 11,178	\$ -	\$ -	\$ -
<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. Records Management Software, LaserFiche has been acquired. Phase 1 of this project is almost completed, Phase 2 began in 2016/17.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>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"</b></li> <li>- <b>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</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 2017/2018 - 2021/2022

**Project # 14-003**

Project Name <b>Customer Relationship Management System</b>		District <b>Districts-All</b>	Department <b>Fin/Admin</b>	Project Manager <b>Tom Gignac</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 5 years</b>		Initial Approval (in 2016/17 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 # <b>400000246</b>	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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 information are critical to providing a high level of service to the public, being perceived as "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.</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 2017/2018 - 2021/2022

**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 2016/17 or prior years) <b>Capital Budget</b>		Estimated Completion Date (Mmm YYYY) <b>Sep 2017</b>	
Asset Class Description / # <b>Vehicles-GenGov / C005</b>		Work Order # <b>400000247</b>		

		Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>							
Previously Approved	Capital Budget		30,000				
Previously Approved	Capital Budget		5,000				
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>							
Trade-in Value	\$ 5,000		5,000				
Reserve-Special	\$ 30,000		30,000				
	\$ -						
	\$ -						
<b>Total Funding</b>	\$ 35,000	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary	
<b>Scheduled replacement for Building Maintenance Technician truck.</b>	
2. Project Objectives/Deliverables	
- <b>Provide the building/property maintenance support to municipally owned buildings and properties.</b>	
-	
-	
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 2017/2018 - 2021/2022

**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 2016/17 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 # <b>4000000086</b>	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 75,000	75,000				
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 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><b>Procure and implement a flexible, robust Unified Communications platform to assist in establishing reliable telephone integration with our existing systems.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>telephone infrastructure that is reliable and flexible for the Municipality's growth and changing needs</b></li> <li>- <b>ability to provide services on premise vs hosted solution (current provider is \$2,500/mth, phones only, no integration)</b></li> <li>- <b>Leverage budget to provide enhanced calling functionality and 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 2017/2018 - 2021/2022

**Project # 17-008**

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 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Streets+Roads / C010</b>			Work Order # <b>4000000220</b>	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		28,220				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 28,220	\$ -	\$ 28,220	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 28,220		28,220			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 14,110		14,110			
External-Other	\$ 14,110		14,110			
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 28,220	\$ -	\$ 28,220	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary	
- <b>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.</b>	
2. Project Objectives/Deliverables	
- <b>Continuation of LED streetlighting patterns throughout fully serviced areas of the Municipality.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 17-009**

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 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Streets+Roads / C010</b>	Work Order # <b>400000221</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		27,175				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 27,175	\$ -	\$ 27,175	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 27,175		27,175			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 18,290		18,290			
External-Other	\$ 8,885		8,885			
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 27,175	\$ -	\$ 27,175	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary	
- <b>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.</b>	
2. Project Objectives/Deliverables	
- <b>LED streetlight installation in partially serviced areas (Mt Uniacke, Rawdon, Nine Mile River, Enfield Horne Settlement) for developers or current rate payers.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 12-017**

Project Name <b>Land Acquisition - Fundy Shore</b>		District <b>6 Walton/Noel/Kennetcook</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Kate Friars</b>
Asset Category/Life Expectancy <b>Land</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Land-Rec/OpenSpace / C031</b>			Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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	\$ -	\$ -	\$ -

1. Project Summary	
<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>	
2. Project Objectives/Deliverables	
<b>- Acquisition of land.</b>	
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 2017/2018 - 2021/2022

**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 2016/17 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 4000000197</b>

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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>	\$ 17,000,000	\$ 17,000,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 17,000,000	730,000	7,770,000	8,500,000		
	\$ -					
<b>Sources of Funding</b>						
External-GAS TAX	\$ 3,070,719	319,100	2,001,619	750,000		
Reserve-Special	\$ 1,220,676	391,190	482,442	347,044		
Reserve-Cptl from Rev	\$ 19,710	19,710				
	\$ -					
<b>Total Funding</b>	\$ 4,311,105	\$ 730,000	\$ 2,484,061	\$ 1,097,044	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 12,688,895	\$ -	\$ 5,285,939	\$ 7,402,956	\$ -	\$ -

<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 2017/2018 - 2021/2022

**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 2016/17 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>Land-Rec/OpenSpace / C031</b>		Work Order # <b>4000000101</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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	
<b>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.</b>	
2. Project Objectives/Deliverables	
<ul style="list-style-type: none"> <li>- <b>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.</b></li> <li>- <b>Project Deliverables: Define and evaluate requirements, identify potential land, acquire land and or options to purchase land.</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 2017/2018 - 2021/2022

**Project # 15-004**

Project Name <b>Various Land Acquisition</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 2016/17 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>Land-GenGov / C001</b>		Work Order # <b>400000104 400000120</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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>	<b>\$ 900,000</b>	<b>\$ 500,000</b>	<b>\$ 400,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 900,000	367,450	532,550			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 318,003	318,003				
Reserve-Cptl from Rev	\$ 49,447	49,447				
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ 367,450</b>	<b>\$ 367,450</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 532,550</b>	<b>\$ -</b>	<b>\$ 532,550</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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 2017/2018 - 2021/2022

**Project # 15-005**

Project Name <b>Burntcoat Head Park Development</b>		District <b>6 Walton/Noel/Kennetcook</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 2016/17 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>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>400000105</b>		<b>400000222</b>

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$	568,111				
Previously Approved Council Motion		100,000				
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	<b>668,111</b>	<b>\$ 668,111</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	668,111	626,111	42,000			
	\$ -					
<b>Sources of Funding</b>						
External-ACOA	\$ 232,415	232,415				
External-Other	\$ 65,000	65,000				
Reserve-Special	\$ 90,696	48,696	42,000			
	\$ -					
<b>Total Funding</b>	<b>\$ 388,111</b>	<b>\$ 346,111</b>	<b>\$ 42,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 280,000</b>	<b>\$ 280,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

1. Project Summary <b>Burntcoat Head Park development as per the Burntcoat Head Park Master Plan.</b>	
2. Project Objectives/Deliverables <b>- Project Goal: Develop Burntcoat Head Park into a Nova Scotia Major Tourism Attraction.</b>	
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 2017/2018 - 2021/2022

**Project # 15-016**

Project Name <b>Bay of Fundy Signage Identity Program</b>		District <b>5 Maitland/MacPhees Corner</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 2016/17 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>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>4000000194</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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>	
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 2017/2018 - 2021/2022

**Project # 16-016**

Project Name <b>Caboose</b>	District <b>5 Maitland/MacPhees Corner</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Kate Friars</b>
Asset Category/Life Expectancy	Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Mach+Equip-Parks / C042</b>	Work Order #		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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	\$ -	\$ -	\$ -

1. Project Summary	
<b>This project is to relocate and refurbish the Caboose located at the Fundy Tidal Interpretative Center for Tourism purposes.</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 2017/2018 - 2021/2022

**Project # 16-017**

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 2016/17 or prior years) <b>Capital Budget in Fiscal Year 2016/17</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2017</b>
Asset Class Description / # <b>LandImprov-Rec/OpenSpace / C032</b>	Work Order # <b>4000000189</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget \$ 100,000						
Previously Approved Approval Sought						
Approval Sought for Further Study (F/S)			100,000	100,000	100,000	100,000
<b>Gross Capital Budget</b>	<b>\$ 500,000</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>
Estimated Spending by Year	\$ 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>	<b>\$ 300,000</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>

<p>1. Project Summary</p> <p><b>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.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Develop a multi-use trail across the Municipality for public use.</b></li>   <li>- <b>To attract visitors to the area who wish to use the trail (year round).</b></li>   <li>- <b>To mitigate the impact on public and private lands by providing ATV and snowmobile users a safe and engaging trail</b></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 2017/2018 - 2021/2022

**Project # 17-010**

Project Name <b>Tree Planting at Wickwire Park</b>		District <b>7-Milford/Lantz</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 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Aug 2017</b>
Asset Class Description / # <b>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>4000000248</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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-Cptl from Rev	\$ 5,000		5,000			
External-Other	\$ 5,000		5,000			
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

- Project Summary  
**Land improvements at Wickwire Park which includes planting trees and bushes.**
- Project Objectives/Deliverables  
**- To provide shelter on the hill at Wickwire Park and enhance the park experience**  
  
-  
  
-
- 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 2017/2018 - 2021/2022

**Project # 17-011**

Project Name <b>River Park Signage</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 - 10 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Aug 2017</b>
Asset Class Description / # <b>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>4000000249</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		15,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 15,000	\$ -	\$ 15,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 15,000		15,000			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 15,000		15,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 15,000	\$ -	\$ 15,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary <b>Installation of directional signage and information signage at river parks.</b>	
2. Project Objectives/Deliverables <b>- To direction people to the parks and to provide park information at Brickyard and Wickwire Parks.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 17-012**

Project Name <b>Playground School Road</b>		District <b>2-Elmsdale</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 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Aug 2017</b>
Asset Class Description / # <b>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>400000250</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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	\$ 20,000		20,000			
External-Other	\$ 10,000		10,000			
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary <b>To replace or decommission an aging playground at the School Road location in Elmsdale.</b>	
2. Project Objectives/Deliverables <b>- To provide a safe and engaging playground for the children on School Road</b>  -  -	
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 2017/2018 - 2021/2022

**Project # 17-013**

Project Name <b>Wickwire Station Pavilion</b>		District <b>7-Milford/Lantz</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Evan MacDougall</b>
Asset Category/Life Expectancy <b>Land Improvements - 10 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Aug 2017</b>
Asset Class Description / # <b>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>400000251</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		15,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 15,000	\$ -	\$ 15,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 15,000		15,000			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Cptl from Rev	\$ 15,000		15,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 15,000	\$ -	\$ 15,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary <b>To construct a picnic pavilion at Wickwire Park.</b>	
2. Project Objectives/Deliverables <b>- To provide protection from the sun and an area for families to have a picnic.</b>  -  -	
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 2017/2018 - 2021/2022

**Project # 17-014**

Project Name <b>Brickyard Park Outhouse</b>		District <b>7-Milford/Lantz</b>	Department <b>Park/Rec/Cult</b>	Project Manager <b>Evan MacDougall</b>
Asset Category/Life Expectancy <b>Buildings/Plants - 15 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Aug 2017</b>
Asset Class Description / # <b>LandImprov-Rec/OpenSpace / C032</b>		Work Order # <b>400000252</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		15,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 15,000	\$ -	\$ 15,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 15,000		15,000			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 15,000		15,000			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 15,000	\$ -	\$ 15,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary <b>To construct or purchase an outhouse for Brickyard Park.</b>	
2. Project Objectives/Deliverables <b>- Provide washroom facilities at the Park.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 14-019**

Project Name <b>Truck - Building Inspection</b>		District <b>Districts-All</b>	Department <b>Planning</b>	Project Manager <b>Wendy Hill</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>		Initial Approval (in 2016/17 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 # <b>400000253</b>	

		Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>							
Previously Approved	Capital Budget		30,000				
Previously Approved	Capital Budget		5,000				
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>							
Trade-in Value		\$ 5,000		5,000			
Reserve-Special		\$ 30,000		30,000			
		\$ -					
<b>Total Funding</b>		\$ 35,000	\$ -	\$ 35,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary <b>Scheduled replacement for Building Inspection truck.</b>	
2. Project Objectives/Deliverables <b>- Provide the Building Inspectors with a reliable vehicle to facilitate the provision of building inspection services.</b>  -  -	
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 2017/2018 - 2021/2022

**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 2016/17 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 # <b>400000254</b>	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget						
Previously Approved Approval Sought		12,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 12,000	\$ -	\$ 12,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 12,000		12,000			
	\$ -					
<b>Sources of Funding</b>						
Trade-in Value	\$ 700		700			
Reserve-Special	\$ 11,300		11,300			
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 12,000	\$ -	\$ 12,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><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> <p><b>- Provide a reliable plotter and scanner to scan large maps/plans and print large scale mapping.</b></p> <p>-</p> <p>-</p>	
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 2017/2018 - 2021/2022

**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>Engineering Services</b>
Asset Category/Life Expectancy <b>Sewer Treatment Plants - 50 years</b>		Initial Approval (in 2016/17 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 # <b>400000255</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		250,000				
Approval Sought for Further Study (F/S)				4,350,000		
<b>Gross Capital Budget</b>	\$ 4,600,000	\$ -	\$ 250,000	\$ -	\$ 4,350,000	\$ -
Estimated Spending by Year	\$ 4,600,000	250,000		400,000	3,950,000	
	\$ -					
<b>Sources of Funding</b>						
External-Other	\$ 2,900,000			266,667	2,633,333	
F/S_Reserve-Obligatory	\$ 1,450,000			133,333	1,316,667	
Reserve-Obligatory	\$ 250,000	250,000				
	\$ -					
<b>Total Funding</b>	\$ 4,600,000	\$ -	\$ 250,000	\$ -	\$ 400,000	\$ 3,950,000
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>In October 2015, NSE amended the approval to operate the Shubenacadie Wastewater Treatment plant. The approval now states that the approval holder is required to build a plan to meet CCME guidelines by 2020, with an expiry of the approval to operate in 2025. Current work underway on an Environmental Risk Assessment will contribute to determining the status of the plant with respect to CCME guidelines. If there is found to be gaps through that process that require significant capital expenditure, the CCME compliance plan required by 2020 would likely include a capital project to replace the existing asset. There is no information available currently to conclude it will be a requirement, thus the large capital portion of the project remains in further study status.</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>	
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 2017/2018 - 2021/2022

**Project # 10-041**

Project Name <b>Sewer Upgrade - Highway 214</b>		District <b>2-Elmsdale</b>	Department <b>Inf/Oper</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Sewer Lines - 50 years</b>		Initial Approval (in 2016/17 or prior years) <b>Capital Budget in Fiscal Year 2009/10</b>		Estimated Completion Date (Mmm YYYY) <b>Dec 2018</b>
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>			Work Order # <b>4000000090</b>	

		Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>							
Previously Approved	Capital Budget	919,000					
Previously Approved Approval Sought							
Approval Sought for Further Study (F/S)							
<b>Gross Capital Budget</b>		\$ 919,000	\$ 919,000	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year		\$ 919,000		50,000	869,000		
		\$ -					
<b>Sources of Funding</b>							
Reserve-Infrastructure		\$ 275,700		15,000	260,700		
		\$ -					
		\$ -					
		\$ -					
<b>Total Funding</b>		\$ 275,700	\$ -	\$ 15,000	\$ 260,700	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>		\$ 643,300	\$ -	\$ 35,000	\$ 608,300	\$ -	\$ -

1. Project Summary	
<b>Upgrade sewer on Highway 214 and Elmsdale Road to handle increased hydraulic loading from recent and future development in Sobeys/Superstore/Business Park area. Project identified as a priority in the Sewer Capacity Study. The timing of project to be coordinated with NSTIR.</b>	
2. Project Objectives/Deliverables	
- <b>Additional sewer collection capacity to service future development.</b>	
-	
-	
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 2017/2018 - 2021/2022

**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>Wendy Hill</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>		Initial Approval (in 2016/17 or prior years) <b>Capital Budget in Fiscal Year 2016/17</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Vehicles-Sewer / C016</b>			Work Order # <b>400000256</b>	

		Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>							
Previously Approved	Capital Budget	35,000					
Previously Approved							
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-Cptl from Rev		\$ 35,000	35,000				
		\$ -					
		\$ -					
		\$ -					
<b>Total Funding</b>		\$ 35,000	\$ -	\$ 35,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary <b>Scheduled replacement of public works truck.</b>	
2. Project Objectives/Deliverables <b>- Truck replacement every four years</b>  -  -	
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 2017/2018 - 2021/2022

**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>Engineering Services</b>
Asset Category/Life Expectancy <b>Sewer Lift Stations - 40 years</b>		Initial Approval (in 2016/17 or prior years) <b>Capital Budget in Fiscal Year 2016/17</b>		Estimated Completion Date (Mmm YYYY) <b>Dec 2018</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>			Work Order # <b>4000000191</b>	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$	130,400				
Previously Approved Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$	130,400	\$	-	\$	-
Estimated Spending by Year	\$	130,400		15,000	115,400	
	\$	-				
<b>Sources of Funding</b>						
Reserve-Infrastructure	\$	39,120		15,000	24,120	
Reserve-Special	\$	35,000			35,000	
	\$	-				
	\$	-				
<b>Total Funding</b>	\$	74,120	\$	-	\$	15,000
	\$	-	\$	59,120	\$	-
	\$	-	\$	-	\$	-
	\$	-	\$	-	\$	-
<b>Net Budget - Funded by Debt</b>	\$	56,280	\$	-	\$	56,280
	\$	-	\$	-	\$	-
	\$	-	\$	-	\$	-

1. Project Summary <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>	
2. Project Objectives/Deliverables <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>	
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 2017/2018 - 2021/2022

**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>Engineering Services</b>
Asset Category/Life Expectancy <b>Sewer Lift Stations - 40 years</b>		Initial Approval (in 2016/17 or prior years) <b>Capital Budget in Fiscal Year 2016/17</b>		Estimated Completion Date (Mmm YYYY) <b>Dec 2018</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>			Work Order # <b>4000000192</b>	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$ 421,100	\$ 421,100	\$ -	\$ -	\$ -	\$ -
Previously Approved Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	<b>\$ 421,100</b>	<b>\$ 421,100</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 421,100	30,000	391,100			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Infrastructure	\$ 126,330	30,000	96,330			
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ 126,330</b>	<b>\$ -</b>	<b>\$ 30,000</b>	<b>\$ 96,330</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 294,770</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 294,770</b>	<b>\$ -</b>	<b>\$ -</b>

1. Project Summary	
<b>Upgrade of Industrial Way Sewage Lift Station (SLS-11A). This project was identified in the Sewer Capacity Study as a requirement for future development. Design is expected to occur in 2017/18 with construction in 2018/19 subject to development in Elmsdale business park.</b>	
2. Project Objectives/Deliverables	
- <b>To provide capacity for future development.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 16-008**

Project Name <b>Forcemain Replacement - Barney Brook</b>		District <b>7-Lantz</b>	Department <b>Inf/Oper</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Sewer Lines - 50 years</b>		Initial Approval (in 2016/17 or prior years) <b>Capital Budget in Fiscal Year 2016/17</b>		Estimated Completion Date (Mmm YYYY) <b>Dec 2018</b>
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>		Work Order # <b>400000193</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget	\$ 404,100	\$ 404,100	\$ -	\$ -	\$ -	\$ -
Previously Approved Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	<b>\$ 404,100</b>	<b>\$ 404,100</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 404,100		30,000	374,100		
	\$ -					
<b>Sources of Funding</b>						
Reserve-Infrastructure	\$ 121,230		30,000	91,230		
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ 121,230</b>	<b>\$ -</b>	<b>\$ 30,000</b>	<b>\$ 91,230</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 282,870</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 282,870</b>	<b>\$ -</b>	<b>\$ -</b>

1. Project Summary <b>Replacement of the existing 620 metre forcemain from Barney Brook Sewage Lift Station (SLS-18) with twin force mains. Design is expected to occur in 2017/18 with construction in 2018/19 subject to residential development in northern Lantz.</b>	
2. Project Objectives/Deliverables <ul style="list-style-type: none"> <li>- <b>To replace deteriorating infrastructure and reduce repair costs.</b></li> <li>- <b>To increase capacity for future development.</b></li> <li>-</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?	Yes
5. Is this project mandated by regulatory authorities?	No

# Capital Project Report 2017/2018 - 2021/2022

**Project # 17-016**

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 2016/17 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>Sewer-Collection+Disposal / C017</b>		Work Order # <b>400000022</b>		

		Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>							
Previously Approved	Capital Budget	18,440					
Previously Approved	Council Motion						
Approval Sought							
Approval Sought for Further Study (F/S)							
<b>Gross Capital Budget</b>		\$ 18,440	\$ 18,440	\$ -	\$ -	\$ -	\$ -
Estimated Spending by Year		\$ 18,440	18,440				
		\$ -					
<b>Sources of Funding</b>							
Reserve-Special		\$ 18,440	18,440				
		\$ -					
		\$ -					
		\$ -					
<b>Total Funding</b>		\$ 18,440	\$ -	\$ 18,440	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary	
<b>Outstanding construction invoices for the Milford Wastewater Treatment Plant Replacement project.</b>	
2. Project Objectives/Deliverables	
<b>- Outstanding construction invoices for the Milford Wastewater Treatment Plant Replacement project.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 17-021**

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 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>	Work Order # <b>400000257</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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-Cptl from Rev	\$ 50,000		10,000			
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>This project is to purchase and install equipment for lift station on Pinehill Drive in Elmsdale as it is not being monitored by the Water 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>	
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 2017/2018 - 2021/2022

**Project # 10-031**

Project Name <b>Water Transmission Main - Enfield</b>		District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Derek Normanton</b>
Asset Category/Life Expectancy <b>Water - Mains - 75 years</b>		Initial Approval (in 2016/17 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	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		1,958,880				
Previously Approved Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	<b>\$ 1,958,880</b>	<b>\$ 1,958,880</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 1,958,880	30,000	1,928,880			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Special	\$ 342,804		342,804			
External-CWWF	\$ 1,469,160		1,469,160			
Reserve-Infrastructure	\$ 146,916	30,000	116,916			
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ 1,958,880</b>	<b>\$ 30,000</b>	<b>\$ 1,928,880</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	
<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 the water utility operating budget at \$175,000.</b></p>	
2. Project Objectives/Deliverables	
<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>	
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 2017/2018 - 2021/2022

**Project # 10-046**

Project Name <b>Water Transmission Main - Lantz</b>		District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Low Landers</b>
Asset Category/Life Expectancy <b>Water - Mains - 75 years</b>		Initial Approval (in 2016/17 or prior years) <b>Council Motion in Fiscal Year 2016/17</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>WU_Trans Mains / W015</b>			Work Order # <b>5000000140</b>	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget		1,475,000				
Previously Approved Council Motion						
Approval Sought						
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	<b>\$ 1,475,000</b>	<b>\$ 1,475,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 1,475,000	135,000	1,340,000			
	\$ -					
<b>Sources of Funding</b>						
External-CWWF	\$ 1,106,250		1,106,250			
Reserve-Infrastructure	\$ 110,625		110,625			
Reserve-Special	\$ 258,125	135,000	123,125			
	\$ -					
<b>Total Funding</b>	<b>\$ 1,475,000</b>	<b>\$ 135,000</b>	<b>\$ 1,340,000</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>

<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. Easements for this project are in the water utility operating budget at \$250,000.</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>	
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 2017/2018 - 2021/2022

**Project # 10-051**

Project Name <b>Water Transmission Main - Evergreen Cr</b>		District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Water - Mains - 75 years</b>		Initial Approval (in 2016/17 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>WU_DistMains / W017</b>			Work Order # <b>5000000160</b>	

		Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary	
<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>	
2. Project Objectives/Deliverables	
- <b>Water transmission main.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 17-001**

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 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>WU_Hydrants / W020</b>		Work Order # <b>5000000180</b>	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <ul style="list-style-type: none"> <li>- <b>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.</b></li> </ul>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Install 5 to 6 new hydrants annually.</b></li>   <li>- <b>Improve fire protection services in the Corridor area.</b></li>   <li>- <b>Reduce insurance costs for area residents.</b></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 2017/2018 - 2021/2022

**Project # 17-002**

Project Name <b>Leak Detection Equipment</b>		District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy		Initial Approval (in 2016/17 or prior years) <b>Council Motion</b> in Fiscal Year <b>2016/17</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2018</b>
Asset Class Description / # <b>WU_Meters / W021</b>		Work Order # <b>5000000181</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		25,000				
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -	\$ -
Estimated Spending by Year	\$ 25,000		25,000			
	\$ -					
<b>Sources of Funding</b>						
Reserve-Depreciation	\$ 25,000	25,000				
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>This project is to purchase new leak detection equipment that will be used to improve the Water Utility's ability to locate water leaks in the water distribution system.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Identify water leaks in the water distribution system including on water laterals</b></li>   <li>- <b>Reduce water losses in the water distribution system</b></li>   <li>-</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 2017/2018 - 2021/2022

**Project # 17-003**

Project Name <b>Water Meter Replacement - New Meters</b>		District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy		Initial Approval (in 2016/17 or prior years) Council Motion in Fiscal Year <b>2016/17</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>
Asset Class Description / # <b>WU_Meters / W021</b>		Work Order # <b>5000000182</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		30,500	31,250	32,000		
Approval Sought for Further Study (F/S)					32,750	33,500
<b>Gross Capital Budget</b>	\$ 160,000	\$ -	\$ 30,500	\$ 31,250	\$ 32,000	\$ 32,750
Estimated Spending by Year	\$ 160,000		30,500	31,250	32,000	32,750
	\$ -					
<b>Sources of Funding</b>						
Reserve-Cptl from Rev	\$ 160,000	30,500	31,250	32,000	32,750	33,500
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 160,000	\$ -	\$ 30,500	\$ 31,250	\$ 32,000	\$ 32,750
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

- Project Summary**

**Prior to 2017/18 replacement of defective water meters and the installation of water meters for new water accounts was recorded as an operating expense in the water utility. As of 2017/18 this expense will be recorded as capital assets and funded from capital out of revenue.**
- Project Objectives/Deliverables**

  - Replace defective water meters**
  - Install water meter for new accounts**
  - Replace water meters to wireless or radio-read technology in alignment with the major water meter project**
- 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 2017/2018 - 2021/2022

**Project # 17-004**

Project Name <b>Water Meter Upgrade</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy	Initial Approval (in 2016/17 or prior years) <b>Council Motion in Fiscal Year 2016/17</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>
Asset Class Description / #	<b>WU_Meters / W021</b>	Work Order #	<b>5000000183</b>

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought		212,150	222,650	206,250		
Approval Sought for Further Study (F/S)					206,250	206,250
<b>Gross Capital Budget</b>	\$ 1,053,550	\$ -	\$ 212,150	\$ 222,650	\$ 206,250	\$ 206,250
Estimated Spending by Year	\$ 1,053,550		212,150	222,650	206,250	206,250
	\$ -					
<b>Sources of Funding</b>						
Reserve-Depreciation	\$ 1,053,550	212,150	222,650	206,250	206,250	206,250
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 1,053,550	\$ -	\$ 212,150	\$ 222,650	\$ 206,250	\$ 206,250
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<p>1. Project Summary</p> <p><b>The existing meters in the water utility currently read in imperial gallons and approximately 60% of the meters have exceeded the industry standard life span of 20 years. This project will address and protect the water utility against a forced conversion in a market that has largely already moved to cubic meters through a 5-year meter replacement project. The replacement meters will read in cubic meters and have radio-read technology which will lead to improved readings, allow for more accurate leak detection and troubleshooting capabilities. This project was included in the water rate review applicable filed with the UARB.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Upgrade water meters to wireless or radio-read technology over five years</b></li>   <li>- <b>Convert water meters and financial data from imperial (imperial gallons) to metric (cubic meters)</b></li>   <li>- <b>Improve water meter reading efficiency and accuracy</b></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>	Yes
<p>5. Is this project mandated by regulatory authorities?</p>	Yes

# Capital Project Report 2017/2018 - 2021/2022

**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 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2019</b>
Asset Class Description / # <b>Mach+Equip-GenGov / C003</b>		Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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	\$ 250,000		250,000			
Reserve-Special	\$ 50,000		50,000			
	\$ -					
	\$ -					
<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 2017/2018 - 2021/2022

**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 2016/17 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>Buildings-WasteMgmt / C037</b>		Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)			3,000,000			
<b>Gross Capital Budget</b>	<b>\$ 3,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,000,000</b>	<b>\$ -</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 3,000,000		300,000	2,700,000		
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 3,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 300,000</b>	<b>\$ 2,700,000</b>	<b>\$ -</b>

<p>1. Project Summary</p> <p><b>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.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Reduction in operating expenses related to transportation and processing of organics (approx. \$130,000/year)</b></li> <li>-</li> <li>-</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?	Yes
5. Is this project mandated by regulatory authorities?	No

# Capital Project Report 2017/2018 - 2021/2022

**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 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2019</b>
Asset Class Description / # <b>Mach+Equip-WasteMgmt / C026</b>			Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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	
<p><b>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 2014/15 which was not approved by Council. Repair costs since 2006 were \$32,486.</b></p>	
2. Project Objectives/Deliverables	
<ul style="list-style-type: none"> <li>- <b>Reduce maintenance costs for the 'old' scale.</b></li>   <li>- <b>Improve reliability of the scales at the WMC.</b></li>   <li>-</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 2017/2018 - 2021/2022

**Project # 15-021**

Project Name <b>WMC Loader Replacement</b>		District	Department <b>Inf/Oper</b>	Project Manager <b>Andrea Trask</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 10 years</b>		Initial Approval (in 2016/17 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	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought			250,000			
Approval Sought for Further Study (F/S)						
<b>Gross Capital Budget</b>	\$ 250,000	\$ -	\$ -	\$ 250,000	\$ -	\$ -
Estimated Spending by Year	\$ 250,000		250,000			
	\$ -					
<b>Sources of Funding</b>						
Trade-in Value	\$ 100,000		100,000			
Reserve-Special	\$ 150,000		150,000			
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 250,000	\$ -	\$ -	\$ 250,000	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary	
<p><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>	
2. Project Objectives/Deliverables	
<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>	
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 2017/2018 - 2021/2022

**Project # 10-049**

Project Name <b>Sewer Aeration System Upgrade</b>		District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Public Works Division</b>
Asset Category/Life Expectancy <b>Sewer Lagoons - 50 years</b>		Initial Approval (in 2016/17 or prior years) <b>Capital Budget in Fiscal Year 2010/11</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2020</b>
Asset Class Description / # <b>Sewer-Collection+Disposal / C017</b>		Work Order # <b>400000053</b>		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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		150,000	1,525,094		
	\$ -					
<b>Sources of Funding</b>						
F/S_Reserve-Infrastructure	\$ 502,528		45,000	457,528		
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 502,528	\$ -	\$ 45,000	\$ 457,528	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 1,172,566	\$ -	\$ 105,000	\$ 1,067,566	\$ -	\$ -

<p>1. Project Summary</p> <p><b>This project will provide an upgrade to the aging aeration system at the Regional Treatment Plant to allow for the continued treatment of wastewater, allow for an increase of treatment capacity as per the results of the Sewer Capacity Study and allow for the anticipated changes in the Nova Scotia Environment regulations to be implemented. Previously approved at \$275,000, the sewer capacity study has projected higher costs. Changes as a result of new environmental regulations are 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>	
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 2017/2018 - 2021/2022

**Project # 17-022**

Project Name <b>Pump Upgrade - Multiple Lift Stations</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 2016/17 or prior years) in Fiscal Year <b>2017/18</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>			Work Order #	

	Prev Years	2017/18	2018/2019	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought			65,000			
Approval Sought for Further Study (F/S)				135,000	31,500	395,000
<b>Gross Capital Budget</b>	<b>\$ 626,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 65,000</b>	<b>\$ 135,000</b>	<b>\$ 31,500</b>
Estimated Spending by Year	\$ 626,500	\$ -	65,000	135,000	31,500	395,000
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
Reserve-Special	\$ 415,500		65,000	135,000	31,500	184,000
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ 415,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 65,000</b>	<b>\$ 135,000</b>	<b>\$ 184,000</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 211,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 211,000</b>

<p>1. Project Summary</p> <p><b>This project is to upgrade pumps at the Municipality's twenty-eight (28) lift stations. 66% of the pumps have been in operation for 15 or more years and are reaching the end of their normal asset life. This project is to replace the pumps over a 15-year period.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Upgrade lift station pumps to meet existing equivalent pumping requirements</b></li>   <li>- <b>Improve pump reliability and efficiency</b></li>   <li>- <b>Upgrade lift station pumps to current applicable codes and standards</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?	Yes
5. Is this project mandated by regulatory authorities?	No



# Capital Project Report 2017/2018 - 2021/2022

**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>Wendy Hill</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>		Initial Approval (in 2016/17 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	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>							
Previously Approved	Capital Budget	35,000					
Previously Approved							
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>							
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>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary <b>Scheduled replacement of public works truck.</b>	
2. Project Objectives/Deliverables <b>- Truck replacement every four years</b>  -  -	
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 2017/2018 - 2021/2022

**Project # 17-018**

Project Name <b>Elmsdale Business Park Expansion - Street H, I, and D Loop</b>		District <b>BusinessPark-Elmsdale</b>	Department <b>Econ/Bus Dev</b>	Project Manager <b>Kim MacDonald</b>
Asset Category/Life Expectancy <b>Streets/Roads - 50 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2021</b>
Asset Class Description / # <b>Roads+Infrastructure-BusParks / C036</b>		Work Order #		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)				100,000	2,000,000	
<b>Gross Capital Budget</b>	<b>\$ 2,100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ 2,000,000</b>
Estimated Spending by Year	\$ 2,100,000			100,000	2,000,000	
	\$ -					
<b>Sources of Funding</b>						
Reserve-Cptl from Rev	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ 2,000,000</b>

<p>1. Project Summary</p> <p><b>The Elmsdale Business Park requires additional land for expansion. The project encompasses the costs to design and construct roads, cleared lots, pad ready lots and to alter marginal wetlands in the Elmsdale Business Park.</b></p> <p><b>This project is pending the successful provincial approval / acceptance of the Elmsdale Business Park Class 1 Environmental Assessment Application.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Additional land and lots to meet current demand and to encourage future development.</b></li>   <li>- <b>Provide cleared and pad ready lots and a larger lot inventory to meet a larger variety of development needs.</b></li>   <li>-</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 2017/2018 - 2021/2022

**Project # 14-008**

Project Name <b>Mt. Uniacke Sidewalks</b>	District <b>8-Mt Uniacke</b>	Department <b>Inf/Oper</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Sidewalks - 20 years</b>	Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2020</b>
Asset Class Description / # <b>Sidewalks / C012</b>		Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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>	<b>\$ 2,475,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,475,000</b>	<b>\$ -</b>
Estimated Spending by Year	\$ 2,475,000			50,000	2,425,000	
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 2,475,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ 2,425,000</b>	<b>\$ -</b>

1. Project Summary	
<b>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.</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?	No
5. Is this project mandated by regulatory authorities?	No

# Capital Project Report 2017/2018 - 2021/2022

**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>Solid Waste Division</b>
Asset Category/Life Expectancy <b>Buildings/Plants - 25 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2019</b>
Asset Class Description / # <b>Buildings-WasteMgmt / C037</b>			Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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	\$ -

<p>1. Project Summary</p> <p><b>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.</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>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)</b></li> <li>- <b>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)</b></li> <li>- <b>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.</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?	Yes
5. Is this project mandated by regulatory authorities?	No

# Capital Project Report 2017/2018 - 2021/2022

**Project # 10-050**

Project Name <b>Lift Station Upgrade - Barney Brook</b>	District <b>7 Lantz/Milford</b>	Department <b>Inf/Oper</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Sewer Lift Stations - 40 years</b>	Initial Approval (in 2016/17 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	2017/18	2018/19	2019/20	2020/21	2021/22
<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><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>	<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 2017/2018 - 2021/2022

**Project # 16-009**

Project Name <b>Sewer Upgrade - Lantz</b>		District <b>7 Lantz/Milford</b>	Department <b>Inf/Oper</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Sewer Lines - 50 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2020</b>
Asset Class Description / #		To be assigned by Finance Department		Work Order #

		Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>							
Previously Approved							
Previously Approved							
Approval Sought							
Approval Sought for Further Study (F/S) <span style="float: right;">933,700</span>							
<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				50,000	230,110	
	\$ -						
	\$ -						
	\$ -						
<b>Total Funding</b>	\$ 280,110	\$ -	\$ -	\$ -	\$ 50,000	\$ 230,110	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 653,590	\$ -	\$ -	\$ -	\$ -	\$ 653,590	\$ -

1. Project Summary	
<b>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.</b>	
2. Project Objectives/Deliverables	
- <b>To increase capacity to facilitate future development.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 16-011**

Project Name <b>Lift Station Upgrade - Highway 277</b>	District <b>7 Lantz/Milford</b>	Department <b>Inf/Oper</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Sewer Lift Stations - 40 years</b>	Initial Approval (in 2016/17 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	2017/18	2018/19	2019/20	2020/21	2021/22
<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			30,000	48,210	
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 78,210	\$ -	\$ -	\$ 30,000	\$ 48,210	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 182,490	\$ -	\$ -	\$ -	\$ 182,490	\$ -

<p>1. Project Summary</p> <p><b>Upgrade of Highway 277 Lift Station (SLS-17). This project was identified in the Sewer Capacity Study as a requirement for future development. Project is subject to development in northern Lantz.</b></p>	
<p>2. Project Objectives/Deliverables</p> <p><b>- To provide capacity for future development.</b></p> <p>-</p> <p>-</p>	
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 2017/2018 - 2021/2022

**Project # 16-013**

Project Name <b>Truck Replacement - Public Works (#103)</b>		District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Wendy Hill</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>		Initial Approval (in 2016/17 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	2017/18	2018/19	2019/20	2020/21	2021/22
<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>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary - <b>Scheduled replacement of public works truck.</b>	
2. Project Objectives/Deliverables - <b>Truck replacement every four years.</b>  -  -	
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 2017/2018 - 2021/2022

**Project # 17-026**

Project Name <b>Bulk Water Station - Shubenacadie</b>		District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Buildings/Plants - 25 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2020</b>
Asset Class Description / # <b>Buildings-WasteMgmt / C037</b>			Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000	\$ -

1. Project Summary	
<b>Council Motion C16(358) directed Staff to include the cost of a bulk water station being constructed in Shubenacadie in the 2017/18 capital project budget discussions, and that staff draw from previous cost analysis study to estimate and recommend a location.</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 2017/2018 - 2021/2022

**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 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2021</b>
Asset Class Description / # <b>Buildings-GenGov / C002</b>	Work Order #		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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>	<b>\$ 1,200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,200,000</b>
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>	<b>\$ 800,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 800,000</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 400,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 400,000</b>

<p>1. Project Summary</p> <p><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>	
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 2017/2018 - 2021/2022

**Project # 17-019**

Project Name <b>Elmsdale Business Park Expansion - Venture Cres Extension</b>		District <b>BusinessPark-Elmsdale</b>	Department <b>Econ/Bus Dev</b>	Project Manager <b>Kim MacDonald</b>
Asset Category/Life Expectancy <b>Streets/Roads - 50 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>
Asset Class Description / # <b>Roads+Infrastructure-BusParks / C036</b>		Work Order #		

	Prev Years	2017/18	2018/2019	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)					25,000	500,000
<b>Gross Capital Budget</b>	\$ 525,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Estimated Spending by Year	\$ 525,000				25,000	500,000
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Budget - Funded by Debt</b>		\$ -	\$ -	\$ -	\$ 25,000	\$ 500,000

<p>1. Project Summary</p> <p><b>The Elmsdale Business Park requires additional land for expansion. The project encompasses the costs to design and construct roads, cleared lots, pad ready lots and to alter marginal wetlands in the Elmsdale Business Park.</b></p> <p><b>This project is pending the successful provincial approval / acceptance of the Elmsdale Business Park Class 1 Environmental Assessment Application</b></p>	
<p>2. Project Objectives/Deliverables</p> <ul style="list-style-type: none"> <li>- <b>Additional land and lots to meet current demand and to encourage future development.</b></li>   <li>- <b>Provide cleared and pad ready lots and a larger lot inventory to meet a larger variety of development needs.</b></li>   <li>-</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 2017/2018 - 2021/2022

**Project # 17-015**

Project Name <b>Bylaw Enforcement Truck</b>		District <b>Districts-All</b>	Department <b>Planning</b>	Project Manager <b>Wendy Hill</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Sep 2020</b>
Asset Class Description / # <b>Vehicles-ProtServ / C009</b>			Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved Capital Budget						
Previously Approved Capital Budget						
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>						
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>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary <b>Scheduled replacement of the Bylaw Enforcement Truck.</b>	
2. Project Objectives/Deliverables - <b>Provide the Bylaw Enforcement Officer with a reliable vehicle to facilitate the provision of bylaw enforcement services.</b>  -  -	
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 2017/2018 - 2021/2022

**Project # 16-012**

Project Name <b>Sewer Upgrade - Milford</b>		District <b>3-Milford</b>	Department <b>Inf/Oper</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Sewer Lines - 50 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Dec 2021</b>
Asset Class Description / #		To be assigned by Finance Department		Work Order #

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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				40,000	176,180
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 216,180	\$ -	\$ -	\$ -	\$ 40,000	\$ 176,180
<b>Net Budget - Funded by Debt</b>	\$ 504,420	\$ -	\$ -	\$ -	\$ -	\$ 504,420

1. Project Summary	
<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>	
2. Project Objectives/Deliverables	
- <b>To increase capacity to facilitate future development.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 17-017**

Project Name <b>Truck Replacement - Public Works (#104)</b>		District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Wendy Hill</b>
Asset Category/Life Expectancy <b>Vehicles - 4 years with Residual</b>	Initial Approval (in 2016/17 or prior years) <b>Capital Budget</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2021</b>	
in Fiscal Year <b>2014/15</b>		Work Order # <b>4000000182</b>		
Asset Class Description / # <b>Vehicles-Sewer / C016</b>				

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary <b>Scheduled replacement of public works truck.</b>	
2. Project Objectives/Deliverables <b>- Truck replacement every four years</b>  -  -	
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 2017/2018 - 2021/2022

**Project # 17-023**

Project Name <b>Lift Station Upgrade - Old Elmsdale School</b>		District <b>Districts-Corridor</b>	Department <b>Inf/Oper</b>	Project Manager <b>Public Works Division</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 10 years</b>	Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>	
Asset Class Description / #	<b>Mach+Equip-Sewer / C015</b>	Work Order #		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)					150,000	
<b>Gross Capital Budget</b>	\$ 150,000	\$ -		\$ -	\$ -	\$ 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

<p>1. Project Summary</p> <p><b>This project is dependent upon the expansion of Highway 214 from two lanes to three lanes as the existing liftstation is currently located where the third lane would be constructed. This project involves moving the existing liftation as well has providing an necessary repairs and upgrades deemed necessary.</b></p>	
<p>2. Project Objectives/Deliverables</p> <p><b>- This project will relocate a liftstation which will help improve traffic flow on Highway 214.</b></p> <p>-</p> <p>-</p>	
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 2017/2018 - 2021/2022

**Project # 10-060**

Project Name <b>Water Tower - North Lantz</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Water - Structures - 75 years</b>	Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>
Asset Class Description / # <b>WU_Struc-DistReservoir / W005</b>	Work Order #		

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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>	<b>\$ 2,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,000,000</b>
Estimated Spending by Year	\$ 2,000,000				200,000	1,800,000
	\$ -					
<b>Sources of Funding</b>						
	\$ -					
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Budget - Funded by Debt</b>	<b>\$ 2,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ 1,800,000</b>

<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>	
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 2017/2018 - 2021/2022

**Project # 17-005**

Project Name <b>Guidelines for Canadian Drinking Water Quality (GCDWQ) - Plant Improvements</b>	District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Dan Harroun</b>
Asset Category/Life Expectancy	Initial Approval (in 2016/17 or prior years) Council Motion in Fiscal Year <b>2016/17</b>		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>
Asset Class Description / #	<b>WU_Meters / W021</b>	Work Order #	

		2017/18		2019/20		
	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<b>Annual Gross Expenditures</b>						
Previously Approved						
Previously Approved						
Approval Sought						
Approval Sought for Further Study (F/S)					40,000	
<b>Gross Capital Budget</b>	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Estimated Spending by Year	\$ 40,000		0		20,000	20,000
	\$ -					
<b>Sources of Funding</b>						
Reserve-Depreciation	\$ 40,000				20,000	20,000
	\$ -					
	\$ -					
	\$ -					
<b>Total Funding</b>	\$ 40,000	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000
<b>Net Budget - Funded by Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary	
<p><b>This project will upgrade the water treatment process to meet new water quality standards from pending changes to the Canadian Drinking Water Quality Guidelines (CDWQG). This project will be necessary for the treatment of water to meter possible changes to the levels of manganese and/or chromium as well as pH.</b></p>	
2. Project Objectives/Deliverables	
<ul style="list-style-type: none"> <li>- <b>Upgrade water treatment processes to meet any new standard for the pH level of drinking water</b></li>   <li>- <b>Upgrade water treatment processes to meet other applicable CDWQG changes</b></li>   <li>-</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?	Yes

# Capital Project Report 2017/2018 - 2021/2022

**Project # 10-053**

Project Name <b>Sidewalks - Elmsdale (Square)</b>	District <b>2 Elmsdale/Belnan</b>	Department <b>Inf/Oper</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Sidewalks - 20 years</b>	Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>
Asset Class Description / # <b>Sidewalks / C012</b>		Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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

- 1. Project Summary**

**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.**
- 2. Project Objectives/Deliverables**

  - **Sidewalks.**
  - 
  -
- 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 2017/2018 - 2021/2022

**Project # 10-054**

Project Name <b>Sidewalks - Elmsdale (Highway 214)</b>	District <b>2 Elmsdale/Belnan</b>	Department <b>Inf/Oper</b>	Project Manager <b>Engineering Services</b>
Asset Category/Life Expectancy <b>Sidewalks - 20 years</b>	Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>
Asset Class Description / # <b>Sidewalks / C012</b>		Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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

- 1. Project Summary**

**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.**
- 2. Project Objectives/Deliverables**

  - **Sidewalks.**
  - 
  -
- 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 2017/2018 - 2021/2022

**Project # 16-010**

Project Name <b>Lift Station Flowmeter - Milford</b>		District <b>3 Milford/Nine Mile River</b>	Department <b>Inf/Oper</b>	Project Manager <b>Public Works Division</b>
Asset Category/Life Expectancy <b>Mach &amp; Heavy Equip - 5 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>
Asset Class Description / # <b>Mach+Equip-Sewer / C015</b>			Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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 <b>Installation of a flowmeter on the discharge from the Milford Sewage Lift Station (SLS-21). This project was recommended in the Sewer Capacity Study.</b>	
2. Project Objectives/Deliverables <b>- To monitor wastewater flows to determine when upgrades are required for future development.</b>  -  -	
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 2017/2018 - 2021/2022

**Project # 11-018**

Project Name <b>Water Production Well - Shubenacadie</b>		District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Public Works Division</b>
Asset Category/Life Expectancy <b>Water - Structures - 40 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>
Asset Class Description / # <b>WU_Struc-SOS / W008</b>			Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1. Project Summary	
<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>	
2. Project Objectives/Deliverables	
- <b>Additional well capacity.</b>	
-	
-	
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 2017/2018 - 2021/2022

**Project # 13-005**

Project Name <b>Lantz Water Tower Renewal</b>		District <b>EHWU</b>	Department <b>Water Utility</b>	Project Manager <b>Public Works Division</b>
Asset Category/Life Expectancy <b>Water - Structures - 75 years</b>		Initial Approval (in 2016/17 or prior years) in Fiscal Year		Estimated Completion Date (Mmm YYYY) <b>Mar 2022</b>
Asset Class Description / # <b>WU_Struc-Treatment / W003</b>			Work Order #	

	Prev Years	2017/18	2018/19	2019/20	2020/21	2021/22
<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><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>Reline the interior of Lantz Water Tower</b></li>   <li>- <b>Repaint the exterior of the Lantz Water Tower</b></li>   <li>-</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?	Yes
5. Is this project mandated by regulatory authorities?	No