

**Town of The Blue Mountains  
2012 Budget  
Department Summary**

Revised 01/16/12  
02:20 PM

Operating  
Water System  
Water

	2010		2011		2012 Proposed			Projected		2014	
	Actual	Budget	Actual	Budget	Budget	\$ Chg	% Ch	Budget	% Ch	Budget	% Chg
<b>EXPENSES</b>											
Salaries, Wages & Benefits	739,173	796,427	854,804	781,950	<b>789,415</b>	7,465	1.0%	804,485	1.9%	827,540	2.9%
Administrative Expenses	88,404	11,850	5,629	15,000	<b>14,950</b>	-50	-0.3%	15,725	5.2%	16,100	2.4%
Operating Expenses	435,721	479,975	477,967	471,200	<b>481,975</b>	10,775	2.3%	487,575	1.2%	498,250	2.2%
Communications	64,477	58,010	62,981	73,207	<b>59,425</b>	-13,782	-18.8%	59,985	0.9%	61,850	3.1%
Training Related	9,447	14,050	14,679	14,200	<b>14,200</b>	0	0.0%	15,025	5.8%	15,310	1.9%
Personnel	6,689	5,925	4,077	6,650	<b>6,650</b>	0	0.0%	7,025	5.6%	7,125	1.4%
Utilities	141,521	133,100	133,775	151,000	<b>154,500</b>	3,500	2.3%	158,350	2.5%	163,250	3.1%
Equipment Related	113,858	124,100	105,862	112,750	<b>125,925</b>	13,175	11.7%	127,850	1.5%	130,450	2.0%
Vehicle Related	34,177	36,900	33,467	35,474	<b>35,945</b>	471	1.3%	38,175	6.2%	39,475	3.4%
Professional Fees	155,433	238,500	49,305	147,000	<b>47,000</b>	-100,000	-68.0%	54,500	16.0%	49,850	-8.5%
Financial Expenses	269,786	70,014	264,716	278,852	<b>269,244</b>	-9,608	-3.4%	260,840	-3.1%	253,232	-2.9%
Premises and Site	21,245	20,600	18,336	24,400	<b>25,500</b>	1,100	4.5%	26,500	3.9%	26,750	0.9%
Minor Capital Work	16,404	25,000	4,579	0	<b>0</b>	0	0.0%	0	0.0%	0	0.0%
<b>TOTAL EXPENSES</b>	<b><u>2,096,334</u></b>	<b><u>2,014,451</u></b>	<b><u>2,030,178</u></b>	<b><u>2,111,683</u></b>	<b><u>2,024,729</u></b>	<b><u>-86,954</u></b>	<b><u>-4.1%</u></b>	<b><u>2,056,035</u></b>	<b><u>1.5%</u></b>	<b><u>2,089,182</u></b>	<b><u>1.6%</u></b>
<b>TRANSFERS</b>											
Transfers to Operating Program	14,950	70,000	0	22,500	17,500	-5,000	-22.2%	25,000	42.9%	17,500	-30.0%
Transfers to Capital	589,812	680,182	76,680	195,280	88,509	-106,771	-54.7%	447,268	405.3%	526,668	17.8%
Transfers to Reserves	405,438	208,969	294,811	489,811	755,791	265,980	54.3%	622,206	-17.7%	787,687	26.6%
Interfunctional Transfers	258,949	288,069	293,804	303,429	335,761	32,333	10.7%	340,055	1.3%	342,042	0.6%
Transfer To/From Unfinanced Ca	15,938	0	0	323,750	326,000	2,250	0.7%	332,600	2.0%	339,250	2.0%
<b>TOTAL TRANSFERS</b>	<b><u>1,285,088</u></b>	<b><u>1,247,220</u></b>	<b><u>665,295</u></b>	<b><u>1,334,770</u></b>	<b><u>1,523,561</u></b>	<b><u>188,792</u></b>	<b><u>14.1%</u></b>	<b><u>1,767,129</u></b>	<b><u>16.0%</u></b>	<b><u>2,013,147</u></b>	<b><u>13.9%</u></b>
<b>TOTAL TRANSFERS &amp; EX</b>	<b><u>3,381,422</u></b>	<b><u>3,261,671</u></b>	<b><u>2,695,473</u></b>	<b><u>3,446,453</u></b>	<b><u>3,548,290</u></b>	<b><u>101,838</u></b>	<b><u>3.0%</u></b>	<b><u>3,823,164</u></b>	<b><u>7.7%</u></b>	<b><u>4,102,329</u></b>	<b><u>7.3%</u></b>
<b>REVENUE</b>											
User Rate Billings	2,930,399	3,012,671	3,003,136	3,123,358	<b>3,324,601</b>	201,243	6.4%	3,596,219	8.2%	3,886,702	8.1%
Reserve Revenue	405,793	225,000	0	282,345	178,689	-103,656	-36.7%	181,445	1.5%	169,627	-6.5%
Interest and Investment	21,531	0	23,047	15,000	19,895	4,895	32.6%	20,045	0.8%	20,205	0.8%
Sales	100	0	0	0	0	0	0.0%	0	0.0%	0	0.0%
Fee and Charges	19,907	24,000	20,693	25,750	25,105	-645	-2.5%	25,455	1.4%	25,795	1.3%
<b>TOTAL REVENUE</b>	<b><u>3,377,730</u></b>	<b><u>3,261,671</u></b>	<b><u>3,046,876</u></b>	<b><u>3,446,453</u></b>	<b><u>3,548,290</u></b>	<b><u>101,837</u></b>	<b><u>3.0%</u></b>	<b><u>3,823,164</u></b>	<b><u>7.7%</u></b>	<b><u>4,102,329</u></b>	<b><u>7.3%</u></b>
<b>NET POSITION</b>	<b><u>-3,692</u></b>	<b><u>0</u></b>	<b><u>351,403</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>-1</u></b>	<b><u>-223.5%</u></b>	<b><u>0</u></b>	<b><u>-47.6%</u></b>	<b><u>0</u></b>	<b><u>122.7%</u></b>

### Drinking Water Quality Management Standard

<b>Project #</b>	1-415-4006
<b>Department</b>	EPW- Water & Wastewater Services
<b>Year of Initiation</b>	2011
<b>Year of Completion</b>	2016
<b>Submitted by</b>	Meg Boyd
<b>Flexible</b>	No
<b>Capital</b>	No

Description
Costs estimated at \$7,500 for the provincially appointed independent audit. Also ongoing internal costs for finalizing the DWQMS to acquire drinking water license. In 2013 the \$15,000 is to accommodate an internal and external audit. In 2016 it is expected that another internal and external audit will take place.

Category	Details
<b>Purpose</b>	DWQMS is a quality management system that requires detailed documentation striving for continual improvement.
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's municipal infrastructure needs"
<b>Environmental Impact</b>	The DWQMS is a legislated quality management program that will reduce adverse environmental impacts. This will be accomplished by documenting procedures and analyzing risks prior to negative events occurring.

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -								62000
Advertisements	\$ -								62125
Courier	\$ -								63010
Professional Fees	\$ -								63100
Legal	\$ -								63105
Engineering	\$ -								63115
Consulting	\$ 52,500	\$ 7,500	\$ 15,000	\$ 7,500	\$ 7,500	\$ 15,000			63120
Contract Services	\$ -								63125
Contingencies	\$ -								63126
Additional Equipment	\$ -								64010
Replacement Equipment	\$ -								64011
Additional Vehicles	\$ -								64020
Replacement Vehicles	\$ -								64021
Interim Financing	\$ -								63210
<b>Expenditures Total:</b>	<b>\$ 52,500</b>	<b>\$ 7,500</b>	<b>\$ 15,000</b>	<b>\$ 7,500</b>	<b>\$ 7,500</b>	<b>\$ 15,000</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>	<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ 52,500	\$ 7,500	\$ 15,000	\$ 7,500	\$ 7,500	\$ 15,000		54011	
Reserves	\$ -							54032	
Reserve Funds	\$ -							54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 52,500</b>	<b>\$ 7,500</b>	<b>\$ 15,000</b>	<b>\$ 7,500</b>	<b>\$ 7,500</b>	<b>\$ 15,000</b>	<b>\$ -</b>		

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>							
Ongoing	Project Manager							
	Water Supervisor							
	Compliance & Efficiency Coord							

**Notes to Expenditure & Funding Tables**

**Map or Picture of Project**

**Project Costing Driver**

Costs based on previous consulting contract works.

**Operational Expenditure Impact**

There is a project team completing the DWQMS requirements and participation will be required of all members over the next year.

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

### Water Efficiency Initiatives

<b>Project #</b>	1-415-4007
<b>Department</b>	EPW- Water & Wastewater Services
<b>Year of Initiation</b>	2007
<b>Year of Completion</b>	2016
<b>Submitted by</b>	Meg Boyd
<b>Flexible</b>	No
<b>Capital</b>	No

Description
Water Efficiency Program Initiatives for the Town's water distribution systems. Programs such as low flow showers, rain barrels, awareness programs and other initiatives will be developed on a yearly basis.

Category	Details
<b>Purpose</b>	Water loss and unaccounted for water will be studied and a strategy will be determined for the water distribution system. This program allows for the continuation of water conservation initiatives.
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's municipal infrastructure needs".
<b>Environmental Impact</b>	This study is intended to expose any significant leaks in the water system that may be allowing chlorinated water to escape. Reducing water losses will also result in less water being produced and therefore less energy required.

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ -							63120	
Contract Services	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000		63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 50,000</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>	<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000		54011	
Reserves	\$ -							54032	
Reserve Funds	\$ -							54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 50,000</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>\$ -</b>		

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>							
As required throughout the year	Project Manager							
	Compliance & Efficiency Coord							

**Notes to Expenditure & Funding Tables**

**Map or Picture of Project**

**Project Costing Driver**

EPW Estimates

**Operational Expenditure Impact**

The study will determine locations in distribution systems that have water losses and locations that will require spot repairs.

**Potential Cost Savings**

Reduction of water losses and unaccounted for water

**Funding Sources - Grants / Reserves / etc.**

**TOWN OF THE BLUE MOUNTAINS  
LONG TERM FINANCIAL PLAN  
CAPITAL PROJECT INFORMATION SHEET**

**SECTION:** Environment Services

**DEPT:** ENGINEERING AND PUBLIC WORKS

**SUB-DEPT:** Waterworks

**PROJECT:** Waterworks Summary

**PURPOSE:**

**PERFORMANCE & ACTIVITY MEASURES**  
INCREASE (DECREASE)

**PROJECT FINANCIAL DETAILS**

	2011	2012	2013	2014	2015	2016
<b>Expenditures</b>						
W1 Plants and Studies Summary, Water	57,550	25,000	15,000	25,000	25,000	25,000
W2 Reservoirs & Booster Pumping Stations	124,845	0	210,000	1,226,500	11,357,500	403,800
W3 Operations and Other Summary, Water	60,000	47,270	47,650	48,350	40,000	45,000
W4 W & S Service Extension Summary, W	0	49,300	1,150	0	31,000	606,000
W5 Growth-Related W & S Improvements	0	0	0	0	0	0
W6 Infrastructure Replacement incl. Road I	0	11,500	44,000	770,500	51,785	1,097,965
W7 Infrastructure Replacements with Road	144,600	0	0	0	90,500	1,025,600
W8 Other Summary, Water	0	0	0	0	0	0
W9 Bldgs, Mach, and Equip Summary, Wa	87,680	16,239	251,118	38,318	190,347	73,118
<b>Total Expenditures</b>	<b>474,675</b>	<b>149,309</b>	<b>568,918</b>	<b>2,108,668</b>	<b>11,786,132</b>	<b>3,276,483</b>
<b>Sources of Financing</b>						
<i>External Sources:</i>						
Grants, Subsidies	0	0	0	0	0	0
Developer Contributions	0	0	75,000	142,500	2,638,500	0
Donations, Other Revenue	0	0	0	0	0	0
<i>Revenue Fund:</i>						
<b>from Operations (User Fees)</b>	<b>753,580</b>	<b>88,509</b>	<b>447,268</b>	<b>526,668</b>	<b>643,347</b>	<b>1,038,718</b>
from Operations	0	0	0	0	0	0
Municipal Act, 326, 391	0	0	0	0	0	0
Other Sources, specify	0	0	0	0	0	0
<i>Reserves and Reserve Funds:</i>						
from Capital Res	-185,000	11,500	45,500	394,500	0	0
from Equipment Repl Res	0	0	0	0	0	0
from Sewer Res	0	0	0	0	0	0
from Water Res	147,600	49,300	1,150	1,045,000	85,285	2,133,965
from Other Res	-2,600	0	0	0	0	0
from Development Charges	164,845	0	0	0	1,033,400	614,400
from Parkland Res Fund	0	0	0	0	0	0
from Other Res Fund	0	0	0	0	0	0
<i>Debtenture Financing:</i>						
Debt	-403,750	0	0	0	6,727,600	-210,600
Capital Lease	0	0	0	0	0	0
<b>Total Financing</b>	<b>474,675</b>	<b>149,309</b>	<b>568,918</b>	<b>2,108,668</b>	<b>11,128,132</b>	<b>3,576,483</b>
<b>Unfinanced Outlay (Net)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>658,000</b>	<b>358,000</b>

**EXPLANATION & HIGHLIGHTS:**

General Ledger Account(s):  
General Ledger Account(s):

**TOWN OF THE BLUE MOUNTAINS  
LONG TERM FINANCIAL PLAN  
CAPITAL PROJECT INFORMATION SHEET**

**SECTION:** Environment Services  
**DEPT:** ENGINEERING AND PUBLIC WORKS  
**SUB-DEPT:** Water, Plants and Studies  
**PROJECT:** W1 Plants and Studies Summary, Water

**PURPOSE:**

**PERFORMANCE & ACTIVITY MEASURES**  
INCREASE (DECREASE)

**PROJECT FINANCIAL DETAILS**

	2011	2012	2013	2014	2015	2016
<b>Expenditures</b>						
Thornbury WTP & related SCADA	15,000	25,000	15,000	25,000	25,000	25,000
Th WTP Pall Membrane Filter Sys(s) (2)	42,550	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
<b>Total Expenditures</b>	57,550	25,000	15,000	25,000	25,000	25,000
<b>Sources of Financing</b>						
<i>External Sources:</i>						
Grants, Subsidies	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0
Donations, Other Revenue	0	0	0	0	0	0
<i>Revenue Fund:</i>						
from Operations (User Fees)	381,300	25,000	15,000	25,000	25,000	25,000
from Operations	0	0	0	0	0	0
Municipal Act, 326, 391	0	0	0	0	0	0
Other Sources, specify	0	0	0	0	0	0
<i>Reserves and Reserve Funds:</i>						
from Capital Res	0	0	0	0	0	0
from Equipment Repl Res	0	0	0	0	0	0
from Sewer Res	0	0	0	0	0	0
from Water Res	0	0	0	0	0	0
from Other Res	0	0	0	0	0	0
from Development Charges	0	0	0	0	0	0
from Parkland Res Fund	0	0	0	0	0	0
from Other Res Fund	0	0	0	0	0	0
<i>Debenture Financing:</i>						
Debt	-323,750	0	0	0	0	0
Capital Lease	0	0	0	0	0	0
<b>Total Financing</b>	57,550	25,000	15,000	25,000	25,000	25,000
<b>Unfinanced Outlay (Net)</b>	0	0	0	0	0	0

**EXPLANATION & HIGHLIGHTS:**

General Ledger Account(s):  
General Ledger Account(s):

### Water Supervisory Control & Data Acquisition (SCADA)

<b>Project #</b>	6-415-1000	
<b>Department</b>	EPW - Water & Wastewater Services	
<b>Year of Initiation</b>	2011	
<b>Year of Completion</b>	2016	
<b>Submitted by</b>	Darren Shivlock	
<b>Flexible</b>	No	
<b>Capital</b>	Yes	

Description
Develop, maintain and update SCADA systems in the water section. Software program update and the integration between the Pall Membrane System and the overall Plant SCADA systems in 2012. Linking of all stations together as a single distribution facility using centralized "ihistorian" data collection.

Category	Details
<b>Purpose</b>	Develop and upgrade Water SCADA systems. This project provides funds to improve and expand the existing SCADA system including new software or replacement hardware that is required from time to time.
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	The SCADA system assists operators in identifying process problems in real time so that necessary actions can be taken quickly to prevent water losses and protect human health.

		Budget							
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ -							63120	
Contract Services	\$ -							63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000		64010	
Replacement Equipment	\$ 75,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000		64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 125,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	125,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000		54011
Reserves	\$	-							54032
Reserve Funds	\$	-							54046
Debt	\$	-							58100
<b>Funding Total:</b>	<b>\$</b>	<b>125,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>							
As required throughout the year	Engineering/Consulting							
	Project Manager							
	Compliance & Efficiency Coord							

**Notes to Expenditure & Funding Tables**

**Map or Picture of Project**

**Project Costing Driver**

**Operational Expenditure Impact**

Project management, review and approve payment of invoices

**Potential Cost Savings**

Reduce callouts

**Funding Sources - Grants / Reserves / etc.**

**TOWN OF THE BLUE MOUNTAINS  
LONG TERM FINANCIAL PLAN  
CAPITAL PROJECT INFORMATION SHEET**

**SECTION:** Environment Services  
**DEPT:** ENGINEERING AND PUBLIC WORKS  
**SUB-DEPT:** Water, Reservoirs & Booster Pump Stns  
**PROJECT:** W2 Reservoirs & Booster Pumping Stations Summary, Water

**PURPOSE:**

**PERFORMANCE & ACTIVITY MEASURES**  
INCREASE (DECREASE)

**PROJECT FINANCIAL DETAILS**

	2011	2012	2013	2014	2015	2016
<b>Expenditures</b>						
Craigeith Reservoir, 6,500 cu m	0	0	110,000	315,000	8,300,000	403,800
Lora Bay BPS & Reservoir, 2,806 cu m	0	0	75,000	142,500	3,057,500	0
Thornbury Water Tower (Painting)	0	0	25,000	769,000	0	0
Thornbury Reservoir, 3,400 cu m	84,845	0	0	0	0	0
Arrowhead Road Water BPS Works	40,000	0	0	0	0	0
Camperdown Reservoir Water Pipe Replac	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
<b>Total Expenditures</b>	124,845	0	210,000	1,226,500	11,357,500	403,800
<b>Sources of Financing</b>						
<i>External Sources:</i>						
Grants, Subsidies	0	0	0	0	0	0
Developer Contributions	0	0	75,000	142,500	2,638,500	0
Donations, Other Revenue	0	0	0	0	0	0
<i>Revenue Fund:</i>						
from Operations (User Fees)	125,000	0	110,000	315,000	300,000	300,000
from Operations	0	0	0	0	0	0
Municipal Act, 326, 391	0	0	0	0	0	0
Other Sources, specify	0	0	0	0	0	0
<i>Reserves and Reserve Funds:</i>						
from Capital Res	-125,000	0	25,000	201,500	0	0
from Equipment Repl Res	0	0	0	0	0	0
from Sewer Res	0	0	0	0	0	0
from Water Res	40,000	0	0	567,500	0	0
from Other Res	0	0	0	0	0	0
from Development Charges	164,845	0	0	0	1,033,400	614,400
from Parkland Res Fund	0	0	0	0	0	0
from Other Res Fund	0	0	0	0	0	0
<i>Debenture Financing:</i>						
Debt	-80,000	0	0	0	6,727,600	-210,600
Capital Lease	0	0	0	0	0	0
<b>Total Financing</b>	124,845	0	210,000	1,226,500	10,699,500	703,800
<b>Unfinanced Outlay (Net)</b>	0	0	0	0	658,000	358,000

**EXPLANATION & HIGHLIGHTS:**

General Ledger Account(s):  
General Ledger Account(s):

### Craigleith Reservoir – Water

<b>Project #</b>	
<b>Department</b>	EPW- Water & Wastewater Services
<b>Year of Initiation</b>	2013
<b>Year of Completion</b>	2015
<b>Submitted by</b>	Reg Russwurm
<b>Flexible</b>	Yes
<b>Capital</b>	Yes

Description
Construction of estimated 6,500 m <sup>3</sup> Water Reservoir in the Craigleith Service Area. A Town hydraulic model is required to verify ultimate capacity and location. A Class Environmental Assessment may be required if the modeling results concludes a reservoir on Happy Valley Ski Run is not supported by the hydraulic model, or is otherwise triggered.

Category	Details
<b>Purpose</b>	To provide water storage for domestic, equalization, and fire storage to the Craigleith Service Area to meet ongoing development demands.
<b>Strategic Plan</b>	Goal #2 “Addressing the Town’s municipal infrastructure needs”.
<b>Environmental Impact</b>	Suitable measures will be taken to mitigate environmental impacts once the preferred storage size and location is known.

Budget								
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account
Materials	\$ -							62000
Advertisements	\$ -							62125
Courier	\$ -							63010
Professional Fees	\$ -							63100
Legal	\$ -							63105
Engineering	\$ 600,000			\$ 300,000	\$ 300,000			63115
Consulting	\$ 100,000	\$ 100,000						63120
Contract Services	\$ 7,800,000				\$ 7,800,000			63125
Contingencies	\$ 225,000	\$ 10,000	\$ 15,000		\$ 200,000			63126
Additional Equipment	\$ -							64010
Replacement Equipment	\$ -							64011
Additional Vehicles	\$ -							64020
Replacement Vehicles	\$ -							64021
Interim Financing	\$ 796,100					\$ 403,800	\$ 392,300	63210
<b>Expenditures Total:</b>	<b>\$ 9,521,100</b>	<b>\$ -</b>	<b>\$ 110,000</b>	<b>\$ 315,000</b>	<b>\$ 8,300,000</b>	<b>\$ 403,800</b>	<b>\$ 392,300</b>	

		Budget							
<b>Funding</b>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	1,383,000	\$ 110,000	\$ 315,000	\$ 300,000	\$ 300,000	\$ 358,000		54011
Reserves	\$	-							54032
Reserve Funds	\$	1,843,200			\$ 614,400	\$ 614,400	\$ 614,400		54046
Debt	\$	6,294,900			\$ 6,727,600	-\$ 210,600	-\$ 222,100		58100
<b>Funding Total:</b>	<b>\$</b>	<b>9,521,100</b>	<b>\$ -</b>	<b>\$ 110,000</b>	<b>\$ 315,000</b>	<b>\$ 7,642,000</b>	<b>\$ 703,800</b>	<b>\$ 750,300</b>	

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>							

**Notes to Expenditure & Funding Tables**

**Map or Picture of Project**

**Project Costing Driver**

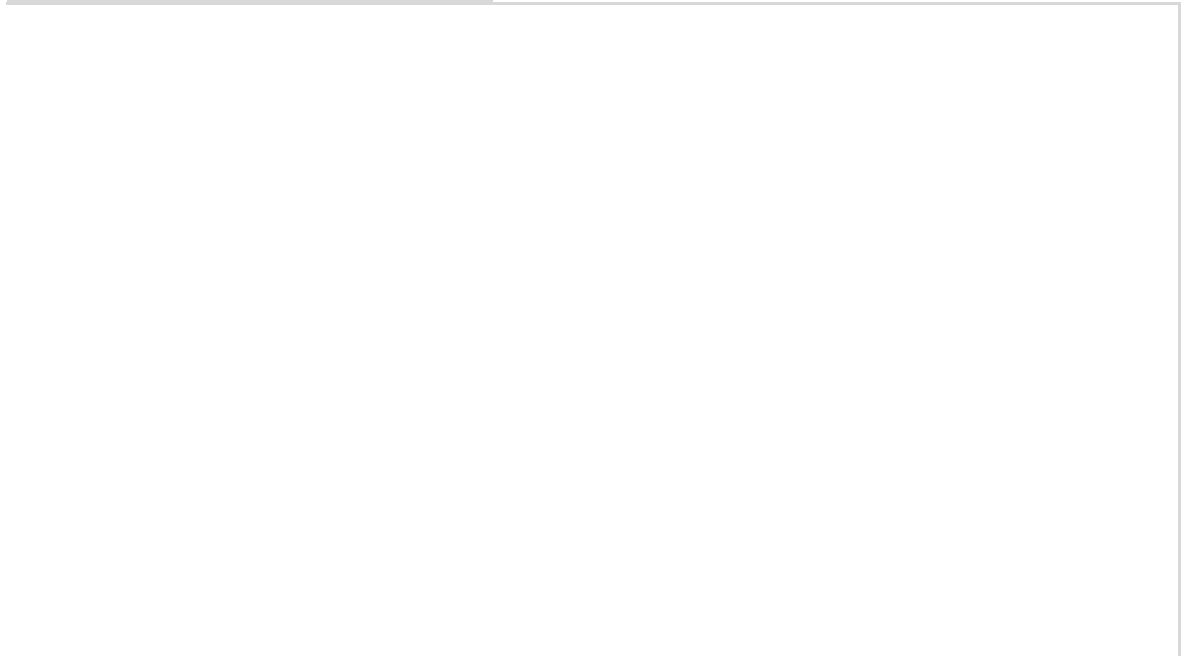
2009 Development Charges Background Study of \$6,500,000 total cost, plus annual inflationary factors

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

15.85% funded through user fees (\$1,383,000) Development Charges funding from Craigleith Area DC 4-418-0000-33001. Funded over a 20 year period.



### Lora Bay Water Storage Reservoir – Water

<b>Project #</b>	
<b>Department</b>	EPW- Water & Wastewater Services
<b>Year of Initiation</b>	2013
<b>Year of Completion</b>	2015
<b>Submitted by</b>	Reg Russwurm
<b>Flexible</b>	Yes
<b>Capital</b>	Yes

Description
To continue to expand the servicing of the Lora Bay Service Area, an approximate 2,800 m <sup>3</sup> Reservoir portion is required. This size will be found through the Hydraulic Model Study underway. A Class EA, planned for 2013, is expected to be required to determine the preferred location of the reservoir and how the distribution system will be developed to ensure adequate fire flow is available throughout the service area. Front ended by Lora Bay Corporation (to a maximum amount of \$2,856,000).

Category	Details
<b>Purpose</b>	To provide an adequate water source to provide water pressure and storage for domestic, equalization and fire storage to the Lora Bay Service Area.
<b>Strategic Plan</b>	Goal #2 “Addressing the Town’s municipal infrastructure needs”.
<b>Environmental Impact</b>	The construction of this reservoir will require protection of the surrounding environment during construction. Restoration will include native trees and vegetation to screen the reservoir to the extent possible.

Budget								
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account
Materials	\$ -							62000
Advertisements	\$ -							62125
Courier	\$ -							63010
Professional Fees	\$ -							63100
Legal	\$ -							63105
Engineering	\$ 267,500		\$ 142,500	\$ 125,000				63115
Consulting	\$ 75,000	\$ 75,000						63120
Contract Services	\$ 2,707,500			\$ 2,707,500				63125
Contingencies	\$ 225,000			\$ 225,000				63126
Additional Equipment	\$ -							64010
Replacement Equipment	\$ -							64011
Additional Vehicles	\$ -							64020
Replacement Vehicles	\$ -							64021
Interim Financing	\$ -							63210
<b>Expenditures Total:</b>	<b>\$ 3,275,000</b>	<b>\$ -</b>	<b>\$ 75,000</b>	<b>\$ 142,500</b>	<b>\$ 3,057,500</b>	<b>\$ -</b>	<b>\$ -</b>	

		Budget							
Funding		Total	2012	2013	2014	2015	2016	2017	Account
	Federal Grants	\$ -							53005
	Provincial Grants	\$ -							53010
	Municipal Act 326 / 391	\$ -							54012
	Developer Contributions	\$ 2,856,000	\$ 75,000	\$ 142,500	\$ 2,638,500				57013
	Revenue Fund - Taxes	\$ -							54011
	Revenue Fund - User Fees	\$ -							54011
	Reserves	\$ -							54032
	Reserve Funds	\$ 419,000			\$ 419,000				54046
	Debt	\$ -							58100
<b>Funding Total:</b>		<b>\$ 3,275,000</b>	<b>\$ -</b>	<b>\$ 75,000</b>	<b>\$ 142,500</b>	<b>\$ 3,057,500</b>	<b>\$ -</b>	<b>\$ -</b>	

Timeline - Current Projects	Staff Resources Required							
RFP / Tender Documents	Project Manager							
Advertisement and Closing of Bid	Purchasing							
Project Start								
Project Completion								

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

2009 Development Charges background study plus inflationary factors

**Operational Expenditure Impact**

Project management, design submission review, attend construction meetings, review and approve payment of engineering fee invoices and construction payments.

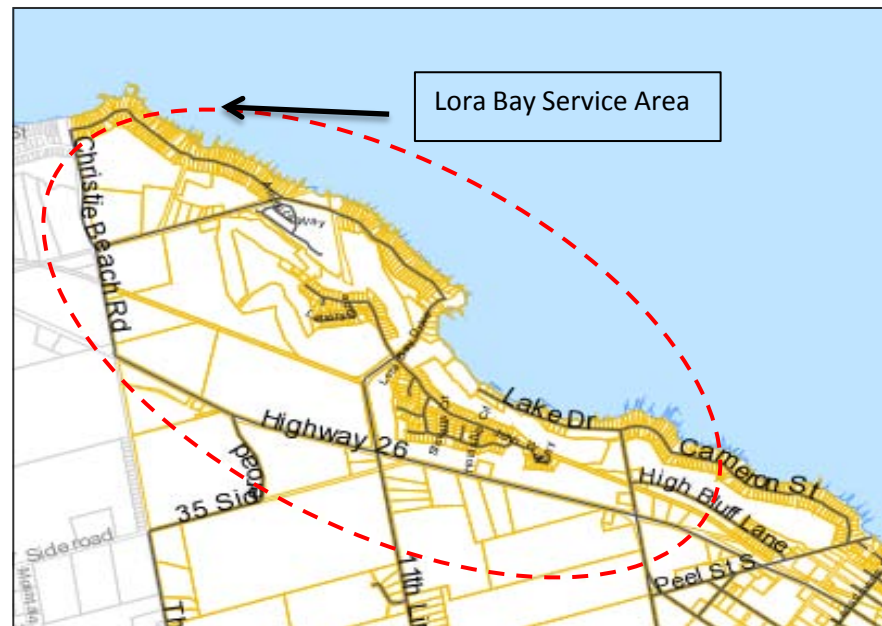
**Potential Cost Savings**

The solution selected will minimise the life cycle costs as a selection criteria.

**Funding Sources - Grants / Reserves / etc.**

Current Development Agreement states that Lora Bay Corp. will have to front end costs up to \$2.85M. Town will use LBAS DC Reserve Fund to fund any overage.

**Map or Picture of Project**





### Thornbury Water Tower Painting

<b>Project #</b>	6-411-4902
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2013
<b>Year of Completion</b>	2014
<b>Submitted by</b>	John Caswell
<b>Flexible</b>	Yes
<b>Capital</b>	Yes

Description
This work is dependent on whether findings of the Hydraulic Water Model Study currently underway shows the water tower to be a viable long term facility.

Category	Details
<b>Purpose</b>	Painting the exterior, and possibly interior of the Thornbury Water Tower.
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Appropriate measures need to be taken to ensure adequate clean up of sand and paint. All necessary action must be taken to prevent paint spills and lead contamination

		Budget							
<i>Expenditures</i>	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 50,000		\$ 25,000	\$ 25,000				63115	
Consulting	\$ -							63120	
Contract Services	\$ 676,500			\$ 676,500				63125	
Contingencies	\$ 67,500			\$ 67,500				63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 794,000</b>	<b>\$ -</b>	<b>\$ 25,000</b>	<b>\$ 769,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	-							54011
Reserves	\$	226,500	\$ 25,000	\$ 201,500					54032
Reserve Funds	\$	567,500		\$ 567,500					54046
Debt	\$	-							58100
<b>Funding Total:</b>	<b>\$</b>	<b>794,000</b>	<b>\$ -</b>	<b>\$ 25,000</b>	<b>\$ 769,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>								

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

Preliminary estimate from Ainley & Associates based on costs to paint Bradford Water Tower plus inflationary factors.

**Operational Expenditure Impact**

Project Management, design Submission review, attend construction meetings, ensure contractor has regard for safety of environment, review and issue payment of engineering invoices and construction payment certificates

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

Carry over from 09/10/11 contributions of \$226,500. Reserve Funding from TBM Water Reserve Fund.

**Map or Picture of Project**



**TOWN OF THE BLUE MOUNTAINS  
LONG TERM FINANCIAL PLAN  
CAPITAL PROJECT INFORMATION SHEET**

**SECTION:** Environment Services  
**DEPT:** ENGINEERING AND PUBLIC WORKS  
**SUB-DEPT:** Water, Operations and Other  
**PROJECT:** W3 Operations and Other Summary, Water

**PURPOSE:**

**PERFORMANCE & ACTIVITY MEASURES**  
INCREASE (DECREASE)

**PROJECT FINANCIAL DETAILS**

	2011	2012	2013	2014	2015	2016
<b>Expenditures</b>						
Water Sample Stations	0	7,270	7,650	8,350	0	5,000
Water Meters - Residential & Commercial	20,000	20,000	20,000	20,000	20,000	20,000
Water Chamber Works	30,000	20,000	20,000	20,000	20,000	20,000
Capital Contingencies	10,000	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
<b>Total Expenditures</b>	60,000	47,270	47,650	48,350	40,000	45,000
<b>Sources of Financing</b>						
<i>External Sources:</i>						
Grants, Subsidies	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0
Donations, Other Revenue	0	0	0	0	0	0
<i>Revenue Fund:</i>						
from Operations (User Fees)	50,000	47,270	47,650	48,350	40,000	45,000
from Operations	0	0	0	0	0	0
Municipal Act, 326, 391	0	0	0	0	0	0
Other Sources, specify	0	0	0	0	0	0
<i>Reserves and Reserve Funds:</i>						
from Capital Res	10,000	0	0	0	0	0
from Equipment Repl Res	0	0	0	0	0	0
from Sewer Res	0	0	0	0	0	0
from Water Res	0	0	0	0	0	0
from Other Res	0	0	0	0	0	0
from Development Charges	0	0	0	0	0	0
from Parkland Res Fund	0	0	0	0	0	0
from Other Res Fund	0	0	0	0	0	0
<i>Debenture Financing:</i>						
Debt	0	0	0	0	0	0
Capital Lease	0	0	0	0	0	0
<b>Total Financing</b>	60,000	47,270	47,650	48,350	40,000	45,000
<b>Unfinanced Outlay (Net)</b>	0	0	0	0	0	0

**EXPLANATION & HIGHLIGHTS:**

General Ledger Account(s):  
General Ledger Account(s):

### Water Sampling Stations & Automatic Blow-Offs

<b>Project #</b>	6-415-4005
<b>Department</b>	EPW- Water & Wastewater Services
<b>Year of Initiation</b>	2012
<b>Year of Completion</b>	2016
<b>Submitted by</b>	Darren Shilvock
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
The installation of sampling stations and automatic blow-off's starting in 2012 with the installation of equipment at Arlberg Crescent, Birchview Trail and Drakes Path.

Category	Details
<b>Purpose</b>	The sample stations are used to access water quality on a daily and weekly basis with locations identified being dead end water mains and areas where sampling and chlorine residuals are required.
<b>Strategic Plan</b>	Goal #2 " Addressing the Town's municipal infrastructure needs".
<b>Environmental Impact</b>	The installation of sample stations and automatic blow-off's utilize dechlorination when discharging to the environment to remove chlorine.

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ -							63120	
Contract Services	\$ 15,100	\$ 4,750	\$ 5,000	\$ 5,350				63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ 13,170	\$ 2,520	\$ 2,650	\$ 3,000		\$ 5,000		64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 28,270</b>	<b>\$ 7,270</b>	<b>\$ 7,650</b>	<b>\$ 8,350</b>	<b>\$ -</b>	<b>\$ 5,000</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>	<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ 28,270	\$ 7,270	\$ 7,650	\$ 8,350		\$ 5,000		54011	
Reserves	\$ -							54032	
Reserve Funds	\$ -							54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 28,270</b>	<b>\$ 7,270</b>	<b>\$ 7,650</b>	<b>\$ 8,350</b>	<b>\$ -</b>	<b>\$ 5,000</b>	<b>\$ -</b>		

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>						

**Notes to Expenditure & Funding Tables**

**Map or Picture of Project**

**Project Costing Driver**

Costs based on 2010 benchmark inflationary costs

**Operational Expenditure Impact**

Project management, attend construction meetings, review and approve payment of invoices

**Potential Cost Savings**

Reduced labour costs due to automatic blow-off's

**Funding Sources - Grants / Reserves / etc.**



### Water Meters- Residential

<b>Project #</b>	6-414-1000
<b>Department</b>	EPW- Water & Wastewater Services
<b>Year of Initiation</b>	2010
<b>Year of Completion</b>	2016
<b>Submitted by</b>	John Caswell
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Installation and repair of residential water meters where needed. This budget is for the replacement of meters if necessary.

Category	Details
<b>Purpose</b>	Installation of residential water meters as required to municipal residential customers.
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's municipal infrastructure needs".
<b>Environmental Impact</b>	Installation of water meters will reduce the unbilled water in the municipality by reducing any unaccounted water

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -								62000
Advertisements	\$ -								62125
Courier	\$ -								63010
Professional Fees	\$ -								63100
Legal	\$ -								63105
Engineering	\$ -								63115
Consulting	\$ -								63120
Contract Services	\$ -								63125
Contingencies	\$ -								63126
Additional Equipment	\$ -								64010
Replacement Equipment	\$ 25,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000			64011
Additional Vehicles	\$ -								64020
Replacement Vehicles	\$ -								64021
Interim Financing	\$ -								63210
<b>Expenditures Total:</b>	<b>\$ 25,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>	<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ 25,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000		54011	
Reserves	\$ -							54032	
Reserve Funds	\$ -							54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 25,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ -</b>		

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>						

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

Updated 2009 costs for a residential radio read water meter is \$225.00. Installation cost is approximately \$75.00/hr.

**Operational Expenditure Impact**

Project management, Coordination of installation, Review and approval of invoices

**Potential Cost Savings**

Organize installation, ongoing reading

**Funding Sources - Grants / Reserves / etc.**

**Map or Picture of Project**

### Water Meters- Commercial

<b>Project #</b>	6-414-1000
<b>Department</b>	EPW- Water & Wastewater Services
<b>Year of Initiation</b>	2011
<b>Year of Completion</b>	2016
<b>Submitted by</b>	John Caswell
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Many commercial meters in the Town require change out due to age and accuracy. In 2009 and 2010 the Town changed a number of the largest meters and will continue to change out the larger meters in 2012. The installation of district meters to allow Staff to track water in specific areas.

Category	Details
<b>Purpose</b>	TBM currently has 235 commercial water meters and there are a number of meters that are in excess of fifteen years old that require changing over the next few years. This budget will allow staff to plan for the timely change out of these meters.
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's municipal infrastructure needs".
<b>Environmental Impact</b>	The replacement of commercial water meters will allow the Town to accurately calculate the amount of water being used.

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -								62000
Advertisements	\$ -								62125
Courier	\$ -								63010
Professional Fees	\$ -								63100
Legal	\$ -								63105
Engineering	\$ -								63115
Consulting	\$ -								63120
Contract Services	\$ -								63125
Contingencies	\$ -								63126
Additional Equipment	\$ -								64010
Replacement Equipment	\$ 75,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000			64011
Additional Vehicles	\$ -								64020
Replacement Vehicles	\$ -								64021
Interim Financing	\$ -								63210
<b>Expenditures Total:</b>	<b>\$ 75,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ -</b>	

		Budget							
<b>Funding</b>	<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ 75,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000		54011	
Reserves	\$ -							54032	
Reserve Funds	\$ -							54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 75,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ -</b>		

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>						

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

Cost of water meters vary with size ¾" - \$150 – 4" - \$3,000.  
The installation cost is approximately \$75.00 per hour based on current plumbing rates.

**Operational Expenditure Impact**

Project management, coordination of installation, review and approval of invoices

**Potential Cost Savings**

Changing the older water meters will have a positive impact on water revenues by accurately reading the water.

**Funding Sources - Grants / Reserves / etc.**

**Map or Picture of Project**

### Chamber Works

<b>Project #</b>	6-415-4122	
<b>Department</b>	EPW- Water & Wastewater Services	
<b>Year of Initiation</b>	2011	
<b>Year of Completion</b>	2016	
<b>Submitted by</b>	John Caswell	
<b>Flexible</b>	Yes	
<b>Capital</b>	Yes	

Description
The budget for 2012 thru 2016 will identify chambers to be repaired on a yearly basis. Planned works for 2012 include the Lakeshore PRV and the Aspen Way PRV.

Category	Details
<b>Purpose</b>	This project is required to fulfill ongoing repairs and maintenance needs of Town water distribution infrastructure
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's municipal infrastructure needs".
<b>Environmental Impact</b>	The replacement of these chambers will address health and safety concerns with access and infiltration of water. The reinstatement of lands will match existing.

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -								62000
Advertisements	\$ -								62125
Courier	\$ -								63010
Professional Fees	\$ -								63100
Legal	\$ -								63105
Engineering	\$ -								63115
Consulting	\$ -								63120
Contract Services	\$ 100,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000			63125
Contingencies	\$ -								63126
Additional Equipment	\$ -								64010
Replacement Equipment	\$ -								64011
Additional Vehicles	\$ -								64020
Replacement Vehicles	\$ -								64021
Interim Financing	\$ -								63210
<b>Expenditures Total:</b>	<b>\$ 100,000</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>
	Federal Grants	\$ -							53005
	Provincial Grants	\$ -							53010
	Municipal Act 326 / 391	\$ -							54012
	Developer Contributions	\$ -							57013
	Revenue Fund - Taxes	\$ -							54011
	Revenue Fund - User Fees	\$ 100,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000		54011
	Reserves	\$ -							54032
	Reserve Funds	\$ -							54046
	Debt	\$ -							58100
<b>Funding Total:</b>		<b>\$ 100,000</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>	

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>							

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

Cost estimated Camperdown Water (Contract No. 4918-2) PRV - \$25,000 – Item A-1.2 \$50,000/2 = \$25,000 plus inflation

**Operational Expenditure Impact**

Project management, design submission review, review and approve construction payment certificate

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

\$10,000 carried forward from 2010 budget to complete works on the Lora Bay water chamber replacement initiated in 2010.

**TOWN OF THE BLUE MOUNTAINS  
LONG TERM FINANCIAL PLAN  
CAPITAL PROJECT INFORMATION SHEET**

**SECTION:** Environment Services  
**DEPT:** ENGINEERING AND PUBLIC WORKS  
**SUB-DEPT:** Water, W & S Service Extensions  
**PROJECT:** W4 W & S Service Extension Summary, Water

**PURPOSE:**

**PERFORMANCE & ACTIVITY MEASURES**  
INCREASE (DECREASE)

**PROJECT FINANCIAL DETAILS**

	2011	2012	2013	2014	2015	2016
<b>Expenditures</b>						
Wensley Drive Water Main Replacement	0	49,300	0	0	0	0
Hidden Lake James Water Main Work	0	0	1,150	0	0	0
Tyrolean Lane Water Main Reconstruction	0	0	0	0	31,000	606,000
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
<b>Total Expenditures</b>	0	49,300	1,150	0	31,000	606,000
<b>Sources of Financing</b>						
<i>External Sources:</i>						
Grants, Subsidies	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0
Donations, Other Revenue	0	0	0	0	0	0
<i>Revenue Fund:</i>						
from Operations (User Fees)	0	0	0	0	0	0
from Operations	0	0	0	0	0	0
Municipal Act, 326, 391	0	0	0	0	0	0
Other Sources, specify	0	0	0	0	0	0
<i>Reserves and Reserve Funds:</i>						
from Capital Res	0	0	0	0	0	0
from Equipment Repl Res	0	0	0	0	0	0
from Sewer Res	0	0	0	0	0	0
from Water Res	2,600	49,300	1,150	0	31,000	606,000
from Other Res	-2,600	0	0	0	0	0
from Development Charges	0	0	0	0	0	0
from Parkland Res Fund	0	0	0	0	0	0
from Other Res Fund	0	0	0	0	0	0
<i>Debenture Financing:</i>						
Debt	0	0	0	0	0	0
Capital Lease	0	0	0	0	0	0
<b>Total Financing</b>	0	49,300	1,150	0	31,000	606,000
<b>Unfinanced Outlay (Net)</b>	0	0	0	0	0	0

**EXPLANATION & HIGHLIGHTS:**

General Ledger Account(s):  
General Ledger Account(s):

### Wensley Drive - Water

<b>Project #</b>	6-415-0362	
<b>Department</b>	Engineering & Public Works	
<b>Year of Initiation</b>	2011	
<b>Year of Completion</b>	2014	
<b>Submitted by</b>	Tom Gray	
<b>Flexible</b>	No	
<b>Capital</b>	Yes	

Description
For a complete description of this project, please see the Joint Projects Tab in the Engineering & Public Works Budget Binder.

Category	Details
Purpose	
Strategic Plan	
Environmental Impact	

		Budget							
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 5,200	\$ 5,200						63115	
Consulting	\$ -							63120	
Contract Services	\$ 44,100	\$ 44,100						63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 49,300</b>	<b>\$ 49,300</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>	<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ -							54011	
Reserves	\$ -							54032	
Reserve Funds	\$ 49,300	\$ 49,300						54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 49,300</b>	<b>\$ 49,300</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>						

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

Blue Mtn Water Reserve Fund 4-415-0000-32001

**Map or Picture of Project**

**Hidden Lake, James Street, Highway 26, Wards Road & Arrowhead Road EA - Water**

<b>Project #</b>		<b>Description</b> For a complete description of this project, please see the Joint Projects Tab in the Engineering & Public Works Budget Binder.
<b>Department</b>	EPW - Joint Project	
<b>Year of Initiation</b>	2013	
<b>Year of Completion</b>	2013	
<b>Submitted by</b>	Tom Gray	
<b>Flexible</b>	Yes	
<b>Capital</b>	Yes	

<i>Category</i>	<i>Details</i>
<b>Purpose</b>	decommision Wards Rd PS, install 4 fire hydrants
<b>Strategic Plan</b>	
<b>Environmental Impact</b>	

<b>Budget</b>									
<i>Expenditures</i>	<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ 1,150	\$ -	\$ 1,150					63120	
Contract Services	\$ -							63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 1,150</b>	<b>\$ -</b>	<b>\$ 1,150</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		

		Budget								
<b>Funding</b>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>	
Federal Grants	\$	-							53005	
Provincial Grants	\$	-							53010	
Municipal Act 326 / 391	\$	-							54012	
Developer Contributions	\$	-							57013	
Revenue Fund - Taxes	\$	-							54011	
Revenue Fund - User Fees	\$	-							54011	
Reserves	\$	-							54032	
Reserve Funds	\$	1,150	\$	1,150					54046	
Debt	\$	-							58100	
<b>Funding Total:</b>	<b>\$</b>	<b>1,150</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>1,150</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>						

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

Blue Mountains Water Reserve Fund 4-415-0000-32001

**Map or Picture of Project**

**Tyrolean Lane Reconstruction- Water**

<b>Project #</b>	
<b>Department</b>	Engineering and Public Works
<b>Year of Initiation</b>	2015
<b>Year of Completion</b>	2016
<b>Submitted by</b>	Tom Gray
<b>Flexible</b>	Yes
<b>Capital</b>	Yes

Description
For a complete description of this project, please see the Joint Projects Tab in the Engineering & Public Works Budget Binder.

Category	Details
<b>Purpose</b>	
<b>Strategic Plan</b>	
<b>Environmental Impact</b>	

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 62,000				\$ 31,000	\$ 31,000		63115	
Consulting	\$ -							63120	
Contract Services	\$ 575,000					\$ 575,000		63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 637,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 31,000</b>	<b>\$ 606,000</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	-							54011
Reserves	\$	637,000				\$ 31,000	\$ 606,000		54032
Reserve Funds	\$	-							54046
Debt	\$	-							58100
<b>Funding Total:</b>	<b>\$</b>	<b>637,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 31,000</b>	<b>\$ 606,000</b>	<b>\$ -</b>	

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>						

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

Blue Mountains Water Reserve Fund 4-415-0000-32001

**Map or Picture of Project**

**TOWN OF THE BLUE MOUNTAINS  
LONG TERM FINANCIAL PLAN  
CAPITAL PROJECT INFORMATION SHEET**

**SECTION:** Environment Services  
**DEPT:** ENGINEERING AND PUBLIC WORKS  
**SUB-DEPT:** Water Infra trunks mains pipes lines  
**PROJECT:** W6 Infrastructure Replacement incl. Road Improvements Summary, Water

**PURPOSE:**

**PERFORMANCE & ACTIVITY MEASURES**  
INCREASE (DECREASE)

**PROJECT FINANCIAL DETAILS**

	2011	2012	2013	2014	2015	2016
<b>Expenditures</b>						
Lakeshore Drive Water Main Replacement	0	0	23,500	367,000	0	0
Lakewood Drive Plan 925 (Shore Acres) W	0	0	0	0	35,000	835,000
Mary Street Water Main Replacement (Clar	0	0	0	0	16,785	262,965
Elma Street Water Main Replacement	0	11,500	20,500	403,500	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
<b>Total Expenditures</b>	0	11,500	44,000	770,500	51,785	1,097,965
<b>Sources of Financing</b>						
<i>External Sources:</i>						
Grants, Subsidies	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0
Donations, Other Revenue	0	0	0	0	0	0
<i>Revenue Fund:</i>						
from Operations (User Fees)	70,000	0	23,500	100,000	35,000	0
from Operations	0	0	0	0	0	0
Municipal Act, 326, 391	0	0	0	0	0	0
Other Sources, specify	0	0	0	0	0	0
<i>Reserves and Reserve Funds:</i>						
from Capital Res	-70,000	11,500	20,500	193,000	0	0
from Equipment Repl Res	0	0	0	0	0	0
from Sewer Res	0	0	0	0	0	0
from Water Res	0	0	0	477,500	16,785	1,097,965
from Other Res	0	0	0	0	0	0
from Development Charges	0	0	0	0	0	0
from Parkland Res Fund	0	0	0	0	0	0
from Other Res Fund	0	0	0	0	0	0
<i>Debenture Financing:</i>						
Debt	0	0	0	0	0	0
Capital Lease	0	0	0	0	0	0
<b>Total Financing</b>	0	11,500	44,000	770,500	51,785	1,097,965
<b>Unfinanced Outlay (Net)</b>	0	0	0	0	0	0

**EXPLANATION & HIGHLIGHTS:**

General Ledger Account(s):  
General Ledger Account(s):

### Lakewood Drive Watermain Replacement

<b>Project #</b>	
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2015
<b>Year of Completion</b>	2016
<b>Submitted by</b>	John Caswell
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Replacing 950 m of existing substandard 75 mm PVC Lakewood Drive watermain with 150 mm PVC. The existing watermain is substandard in size and type of pipe. This project will loop an existing watermain on Highway 26. The new replacement will include laterals, curb stops and fire hydrants

Category	Details
<b>Purpose</b>	To upgrade existing municipal watermain on Lakewood Drive
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Will require the use of natural resources but will ensure the continued distribution of safe drinking water

		Budget							
<i>Expenditures</i>	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 75,000				\$ 35,000	\$ 40,000		63115	
Consulting	\$ -							63120	
Contract Services	\$ 735,000					\$ 735,000		63125	
Contingencies	\$ 60,000					\$ 60,000		63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 870,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 35,000</b>	<b>\$ 835,000</b>	<b>\$ -</b>		

		Budget							
Funding	Total	2012	2013	2014	2015	2016	2017	Account	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ 35,000				\$ 35,000			54011	
Reserves	\$ -							54032	
Reserve Funds	\$ 835,000					\$ 835,000		54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 870,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 35,000</b>	<b>\$ 835,000</b>	<b>\$ -</b>		

<u>Timeline - Current Projects</u>	Staff Resources Required							
RFP / Tender Documents								
Advertisement and Closing of Bid								
Project Start								
Project Completion								

**Notes to Expenditure & Funding Tables**

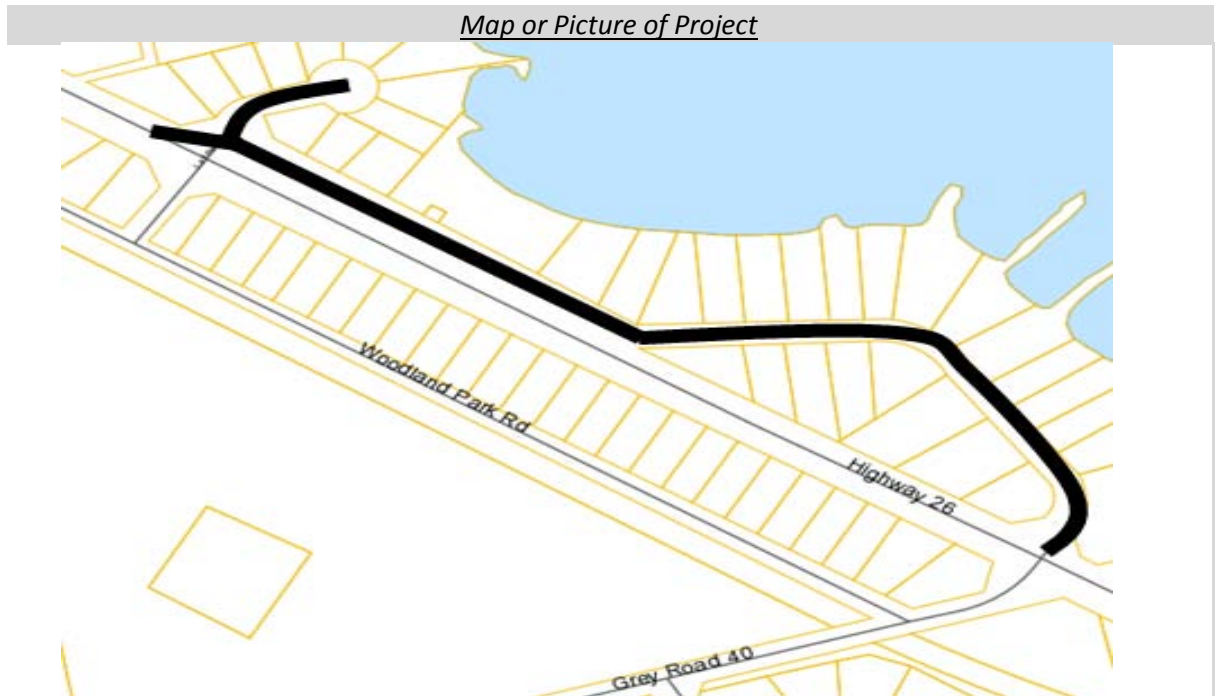
**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

TBM Water Reserve Fund



### Lakeshore Drive Watermain and Road Improvements - Water

<b>Project #</b>		<b>Description</b>
<b>Department</b>	Engineering and Public Works	For a complete description of this project, please see the Joint Projects Tab in the Engineering & Public Works Budget Binder.
<b>Year of Initiation</b>	2013	
<b>Year of Completion</b>	2014	
<b>Submitted by</b>	John Caswell	
<b>Flexible</b>	Yes	
<b>Capital</b>	Yes	

<i>Category</i>	<i>Details</i>
<b>Purpose</b>	
<b>Strategic Plan</b>	
<b>Environmental Impact</b>	

<b>Budget</b>									
<i>Expenditures</i>	<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 47,000		\$ 23,500	\$ 23,500				63115	
Consulting	\$ -							63120	
Contract Services	\$ 313,500			\$ 313,500				63125	
Contingencies	\$ 30,000			\$ 30,000				63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 390,500</b>	<b>\$ -</b>	<b>\$ 23,500</b>	<b>\$ 367,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	123,500	\$ 23,500	\$ 100,000					54011
Reserves	\$	-							54032
Reserve Funds	\$	267,000		\$ 267,000					54046
Debt	\$	-							58100
<b>Funding Total:</b>	<b>\$</b>	<b>390,500</b>	<b>\$ -</b>	<b>\$ 23,500</b>	<b>\$ 367,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>						

**Notes to Expenditure & Funding Tables**

**Map or Picture of Project**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

Project will be funded through 2016 and 2017 with contributions of \$70,000 per year.

### Mary St Watermain and Road Improvements - Water

<b>Project #</b>	
<b>Department</b>	Engineering and Public Works
<b>Year of Initiation</b>	2015
<b>Year of Completion</b>	2016
<b>Submitted by</b>	John Caswell
<b>Flexible</b>	Yes
<b>Capital</b>	Yes

Description
For a complete description of this project, please see the Joint Projects Tab in the Engineering & Public Works Budget Binder.

Category	Details
<b>Purpose</b>	
<b>Strategic Plan</b>	
<b>Environmental Impact</b>	

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 33,570				\$ 16,785	\$ 16,785		63115	
Consulting	\$ -							63120	
Contract Services	\$ 223,800					\$ 223,800		63125	
Contingencies	\$ 22,380					\$ 22,380		63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 279,750</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 16,785</b>	<b>\$ 262,965</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	-							54011
Reserves	\$	-							54032
Reserve Funds	\$	279,750				\$ 16,785	\$ 262,965		54046
Debt	\$	-							58100
<b>Funding Total:</b>	<b>\$</b>	<b>279,750</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 16,785</b>	<b>\$ 262,965</b>		

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>							

**Notes to Expenditure & Funding Tables**

**Map or Picture of Project**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

Reserve Fund - 4-415-000-32001

**Elma Street Reconstruction- Water**

<b>Project #</b>	6-415-0786
<b>Department</b>	EPW- Water & Wastewater Division
<b>Year of Initiation</b>	2012
<b>Year of Completion</b>	2014
<b>Submitted by</b>	Tom Gray
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
For a complete description of this project, please see the Joint Projects Tab in the Engineering & Public Works Budget Binder.

Category	Details
<b>Purpose</b>	
<b>Strategic Plan</b>	
<b>Environmental Impact</b>	

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 52,500	\$ 11,500	\$ 20,500	\$ 20,500				63115	
Consulting	\$ -							63120	
Contract Services	\$ 383,000		\$ 383,000					63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 435,500</b>	<b>\$ 11,500</b>	<b>\$ 20,500</b>	<b>\$ 403,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	-							54011
Reserves	\$	225,000	\$ 11,500	\$ 20,500	\$ 193,000				54032
Reserve Funds	\$	210,500			\$ 210,500				54046
Debt	\$	-							58100
<b>Funding Total:</b>	<b>\$</b>	<b>435,500</b>	<b>\$ 11,500</b>	<b>\$ 20,500</b>	<b>\$ 403,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>						

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

Carryover of \$155,000 from 2009, 2010. Remaining funding from TBM Water Reserve Fund 4-415-0000-32001

**Map or Picture of Project**

**TOWN OF THE BLUE MOUNTAINS  
LONG TERM FINANCIAL PLAN  
CAPITAL PROJECT INFORMATION SHEET**

**SECTION:** Environment Services  
**DEPT:** ENGINEERING AND PUBLIC WORKS  
**SUB-DEPT:** Water, Other W & S Service Extensions  
**PROJECT:** W7 Infrastructure Replacements with Road Reinstatement, Water

**PURPOSE:**

**PERFORMANCE & ACTIVITY MEASURES**  
INCREASE (DECREASE)

**PROJECT FINANCIAL DETAILS**

	2011	2012	2013	2014	2015	2016
<b>Expenditures</b>						
Arlberg Crescent Watermain Replacement	0	0	0	0	37,500	416,000
Birchview Trail Watermain Replacement	0	0	0	0	20,000	215,000
Charles Street Watermain Replacement	0	0	0	0	10,000	125,000
Ferguson Avenue Watermain Replacement	0	0	0	0	5,500	54,600
Kandahar Lane Watermain Replacement	0	0	0	0	17,500	215,000
Peel Street Watermain Replacement	20,000	0	0	0	0	0
King Street Water Main Extension (Thornbu	124,600	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
<b>Total Expenditures</b>	144,600	0	0	0	90,500	1,025,600
<b>Sources of Financing</b>						
<i>External Sources:</i>						
Grants, Subsidies	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0
Donations, Other Revenue	0	0	0	0	0	0
<i>Revenue Fund:</i>						
from Operations (User Fees)	39,600	0	0	0	53,000	595,600
from Operations	0	0	0	0	0	0
Municipal Act, 326, 391	0	0	0	0	0	0
Other Sources, specify	0	0	0	0	0	0
<i>Reserves and Reserve Funds:</i>						
from Capital Res	0	0	0	0	0	0
from Equipment Repl Res	0	0	0	0	0	0
from Sewer Res	0	0	0	0	0	0
from Water Res	105,000	0	0	0	37,500	430,000
from Other Res	0	0	0	0	0	0
from Development Charges	0	0	0	0	0	0
from Parkland Res Fund	0	0	0	0	0	0
from Other Res Fund	0	0	0	0	0	0
<i>Debenture Financing:</i>						
Debt	0	0	0	0	0	0
Capital Lease	0	0	0	0	0	0
<b>Total Financing</b>	144,600	0	0	0	90,500	1,025,600
<b>Unfinanced Outlay (Net)</b>	0	0	0	0	0	0

**EXPLANATION & HIGHLIGHTS:**

General Ledger Account(s):  
General Ledger Account(s):

### Arlberg Crescent Watermain Replacement

<b>Project #</b>		<b>Description</b>
<b>Department</b>	EPW - Water & Wastewater Services	Replacing 425 m of existing 150 mm PVC Arlberg Crescent watermain with 150 mm PVC. The existing watermain is substandard and has reached the end of its useful life. This project includes new laterals and curb stops and road reinstatement.
<b>Year of Initiation</b>	2015	
<b>Year of Completion</b>	2016	
<b>Submitted by</b>	John Caswell	
<b>Flexible</b>	No	
<b>Capital</b>	Yes	

Category	Details
<b>Purpose</b>	To upgrade existing municipal watermain on Arlberg Crescent
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Will require the use of natural resources but will ensure the continued distribution of safe drinking water

		Budget							
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 75,500				\$ 37,500	\$ 38,000		63115	
Consulting	\$ -							63120	
Contract Services	\$ 348,000					\$ 348,000		63125	
Contingencies	\$ 30,000					\$ 30,000		63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 453,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 37,500</b>	<b>\$ 416,000</b>	<b>\$ -</b>		

		Budget							
Funding	Total	2012	2013	2014	2015	2016	2017	Account	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ 453,500				\$ 37,500	\$ 416,000		54011	
Reserves	\$ -							54032	
Reserve Funds	\$ -							54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 453,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 37,500</b>	<b>\$ 416,000</b>	<b>\$ -</b>		

<u>Timeline - Current Projects</u>	Staff Resources Required						
RFP / Tender Documents							
Advertisement and Closing of Bid							
Project Start							
Project Completion							

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**



### Birchview Trail Watermain Replacement

<b>Project #</b>	6-415
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2015
<b>Year of Completion</b>	2016
<b>Submitted by</b>	John Caswell
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Replacing 225 m of existing 150 mm PVC Birchview Trail watermain with 150 mm PVC. This watermain has reached the end of its useful life and is substandard in type of pipe. New laterals, curb stops, fire hydrants and road reinstement will be included in the replacement.

Category	Details
<b>Purpose</b>	To upgrade existing municipal watermain on Birchview Trail
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Will require the use of natural resources but will ensure the continued distribution of safe drinking water

		Budget							
<i>Expenditures</i>	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 40,000				\$ 20,000	\$ 20,000		63115	
Consulting	\$ -							63120	
Contract Services	\$ 180,000					\$ 180,000		63125	
Contingencies	\$ 15,000					\$ 15,000		63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 235,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 20,000</b>	<b>\$ 215,000</b>	<b>\$ -</b>		

		Budget							
Funding	Total	2012	2013	2014	2015	2016	2017	Account	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ -							54011	
Reserves	\$ -							54032	
Reserve Funds	\$ 235,000				\$ 20,000	\$ 215,000		54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 235,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 20,000</b>	<b>\$ 215,000</b>	<b>\$ -</b>		

<u>Timeline - Current Projects</u>	Staff Resources Required							
RFP / Tender Documents								
Advertisement and Closing of Bid								
Project Start								
Project Completion								

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

**Map or Picture of Project**



### Charles Street Watermain Replacement

<b>Project #</b>	6-415
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2015
<b>Year of Completion</b>	2016
<b>Submitted by</b>	John Caswell
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Replacing 75 m of existing 100 mm Ductile Iron Charles Street watermain with 150 mm PVC. This watermain has reached the end of its useful life. The replacement of this watermain will provide a loop between the watermain on Marsh Street and the new watermain on Mary Street.

Category	Details
<b>Purpose</b>	To upgrade existing municipal watermain on Charles Street
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Will require the use of natural resources but will ensure the continued distribution of safe drinking water

		Budget							
<i>Expenditures</i>	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 8,500				\$ 5,500	\$ 3,000		63115	
Consulting	\$ -							63120	
Contract Services	\$ 48,600					\$ 48,600		63125	
Contingencies	\$ 3,000					\$ 3,000		63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 60,100</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,500</b>	<b>\$ 54,600</b>	<b>\$ -</b>		

		Budget							
Funding	Total	2012	2013	2014	2015	2016	2017	Account	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ 60,100				\$ 5,500	\$ 54,600		54011	
Reserves	\$ -							54032	
Reserve Funds	\$ -							54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 60,100</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,500</b>	<b>\$ 54,600</b>	<b>\$ -</b>		

<u>Timeline - Current Projects</u>	Staff Resources Required						
RFP / Tender Documents							
Advertisement and Closing of Bid							
Project Start							
Project Completion							

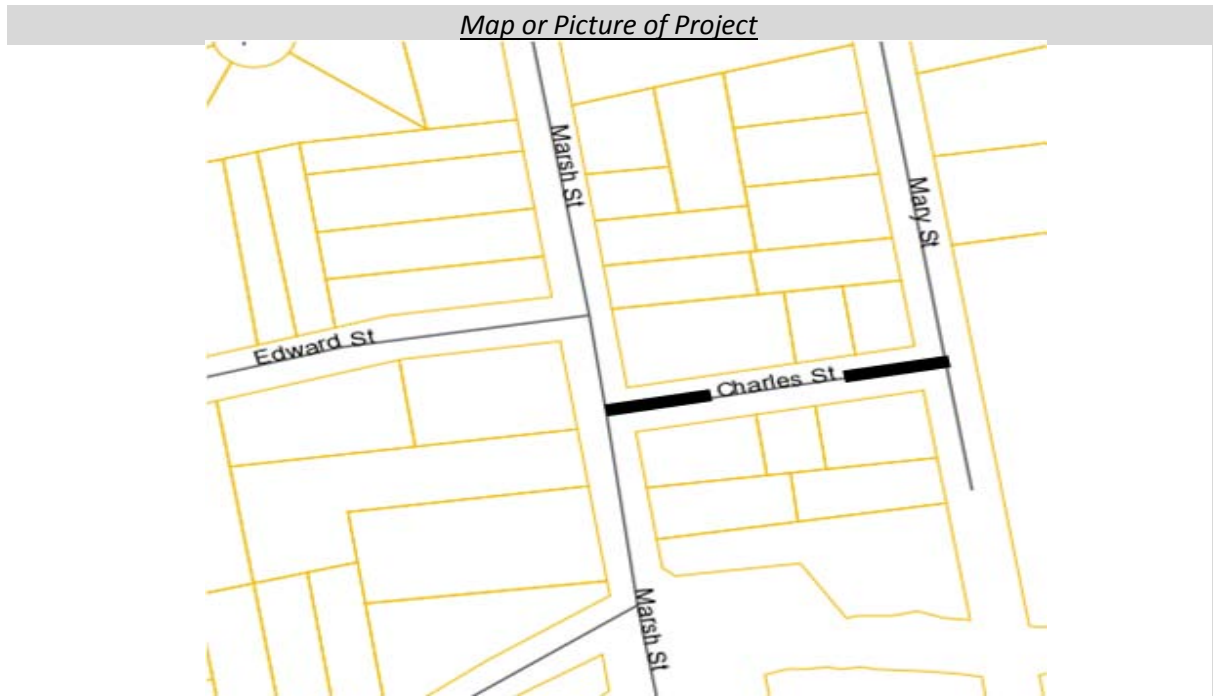
**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**



**Ferguson Avenue Watermain Replacement**

<b>Project #</b>	6-415
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2015
<b>Year of Completion</b>	2016
<b>Submitted by</b>	John Caswell
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Replacing 100 m of existing 150 mm Ductile Iron Ferguson Avenue watermain with 150 mm PVC. This watermain has reached the end of its useful life. The new replacement will include laterals, curb stops, fire hydrants and road reinstatement.

Category	Details
<b>Purpose</b>	To upgrade existing municipal watermain on Ferguson Avenue
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Will require the use of natural resources but will ensure the continued distribution of safe drinking water

		Budget							
<i>Expenditures</i>	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 17,500				\$ 10,000	\$ 7,500		63115	
Consulting	\$ -							63120	
Contract Services	\$ 110,000					\$ 110,000		63125	
Contingencies	\$ 7,500					\$ 7,500		63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 135,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,000</b>	<b>\$ 125,000</b>	<b>\$ -</b>		

		Budget							
Funding	Total	2012	2013	2014	2015	2016	2017	Account	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ 135,000				\$ 10,000	\$ 125,000		54011	
Reserves	\$ -							54032	
Reserve Funds	\$ -							54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 135,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,000</b>	<b>\$ 125,000</b>	<b>\$ -</b>		

<u>Timeline - Current Projects</u>	Staff Resources Required							
RFP / Tender Documents								
Advertisement and Closing of Bid								
Project Start								
Project Completion								

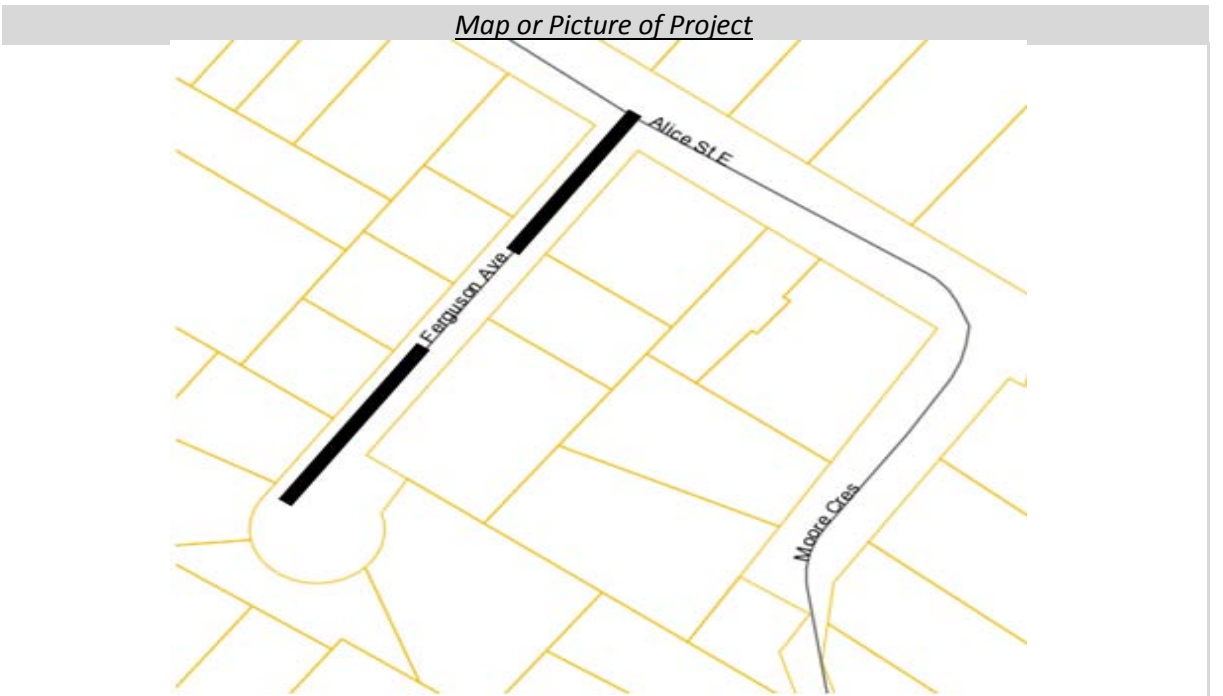
**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**



### Kandahar Lane Watermain Replacement

<b>Project #</b>	6-415
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2015
<b>Year of Completion</b>	2016
<b>Submitted by</b>	John Caswell
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Replacing 200 m of existing 150 mm PVC Kandahar Lane watermain with 150 mm PVC. This watermain has reached the end of its useful life. The new replacement will include laterals, curb stops, fire hydrants and road reinstatement.

Category	Details
<b>Purpose</b>	To upgrade existing municipal watermain on Kandahar Lane
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Will require the use of natural resources but will ensure the continued distribution of safe drinking water

		Budget							
<i>Expenditures</i>	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ 35,000				\$ 17,500	\$ 17,500		63115	
Consulting	\$ -							63120	
Contract Services	\$ 182,500					\$ 182,500		63125	
Contingencies	\$ 15,000					\$ 15,000		63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 232,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 17,500</b>	<b>\$ 215,000</b>	<b>\$ -</b>		

		Budget							
Funding	Total	2012	2013	2014	2015	2016	2017	Account	
Federal Grants	\$ -							53005	
Provincial Grants	\$ -							53010	
Municipal Act 326 / 391	\$ -							54012	
Developer Contributions	\$ -							57013	
Revenue Fund - Taxes	\$ -							54011	
Revenue Fund - User Fees	\$ -							54011	
Reserves	\$ -							54032	
Reserve Funds	\$ 232,500				\$ 17,500	\$ 215,000		54046	
Debt	\$ -							58100	
<b>Funding Total:</b>	<b>\$ 232,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 17,500</b>	<b>\$ 215,000</b>	<b>\$ -</b>		

<u>Timeline - Current Projects</u>	Staff Resources Required						
RFP / Tender Documents							
Advertisement and Closing of Bid							
Project Start							
Project Completion							

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

Reserve funding from the TBM Water Reserve Fund.



**TOWN OF THE BLUE MOUNTAINS  
LONG TERM FINANCIAL PLAN  
CAPITAL PROJECT INFORMATION SHEET**

**SECTION:** Environment Services  
**DEPT:** ENGINEERING AND PUBLIC WORKS  
**SUB-DEPT:** Water, Bldgs, Mach, and Equip  
**PROJECT:** W9 Bldgs, Mach, and Equip Summary, Water

**PURPOSE:**

**PERFORMANCE & ACTIVITY MEASURES**  
INCREASE (DECREASE)

**PROJECT FINANCIAL DETAILS**

	2011	2012	2013	2014	2015	2016
<b>Expenditures</b>						
M & E - Replacement Chlorine Pumps & Ar	0	0	0	0	53,000	16,800
M & E - Replacement PLC Control Panels	0	0	0	0	52,500	0
M & E - Replacement Pumps	0	0	88,700	0	0	0
Building(s), Env Serv Ops Ctr	0	0	120,000	0	0	0
Machinery & Equipment Growth-Related	0	0	0	0	0	0
Mach & Equip Replacement	25,000	0	0	30,900	0	13,900
Share of Admin Building Expense	17,640	0	0	0	0	0
Vehicles, Replacement	30,000	0	35,000	0	70,000	35,000
Computer Equipment	10,040	10,739	7,418	7,418	8,847	7,418
Furniture and Equipment	5,000	5,500	0	0	6,000	0
<b>Total Expenditures</b>	<b>87,680</b>	<b>16,239</b>	<b>251,118</b>	<b>38,318</b>	<b>190,347</b>	<b>73,118</b>
<b>Sources of Financing</b>						
<b>External Sources:</b>						
Grants, Subsidies	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0
Donations, Other Revenue	0	0	0	0	0	0
<b>Revenue Fund:</b>						
from Operations (User Fees)	87,680	16,239	251,118	38,318	190,347	73,118
from Operations	0	0	0	0	0	0
Municipal Act, 326, 391	0	0	0	0	0	0
Other Sources, specify	0	0	0	0	0	0
<b>Reserves and Reserve Funds:</b>						
from Capital Res	0	0	0	0	0	0
from Equipment Repl Res	0	0	0	0	0	0
from Sewer Res	0	0	0	0	0	0
from Water Res	0	0	0	0	0	0
from Other Res	0	0	0	0	0	0
from Development Charges	0	0	0	0	0	0
from Parkland Res Fund	0	0	0	0	0	0
from Other Res Fund	0	0	0	0	0	0
<b>Debenture Financing:</b>						
Debt	0	0	0	0	0	0
Capital Lease	0	0	0	0	0	0
<b>Total Financing</b>	<b>87,680</b>	<b>16,239</b>	<b>251,118</b>	<b>38,318</b>	<b>190,347</b>	<b>73,118</b>
<b>Unfinanced Outlay (Net)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**EXPLANATION & HIGHLIGHTS:**

General Ledger Account(s):  
General Ledger Account(s):

**Replacement Chlorine Pumps and Analyzers - Water**

<b>Project #</b>	6-415-1000
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2015
<b>Year of Completion</b>	2016
<b>Submitted by</b>	Darren Shilvock
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Due to the corrosive properties of chlorine, pumps and analyzers require replacement. Replacement of seven chlorine pumps and five chlorine analyzers in 2015. Replacement of 2 chlorine pumps and 2 chlorine analyzers in 2016.

Category	Details
<b>Purpose</b>	To replace existing chlorine pumps and analyzers that have reached the end of their useful life
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Will require the use of natural resources but will ensure the continued production of safe drinking water

		Budget							
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ -							63120	
Contract Services	\$ -							63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ 69,800				\$ 53,000	\$ 16,800		64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 69,800</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 53,000</b>	<b>\$ 16,800</b>	<b>\$ -</b>		

Budget									
<i>Funding</i>		Total	2012	2013	2014	2015	2016	2017	Account
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	69,800				\$ 53,000	\$ 16,800		54011
Reserves	\$	-							54032
Reserve Funds	\$	-							54046
Debt	\$	-							58100
<b>Funding Total:</b>	<b>\$</b>	<b>69,800</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 53,000</b>	<b>\$ 16,800</b>	<b>\$ -</b>	

<u>Timeline - Current Projects</u>	Staff Resources Required							
RFP / Tender Documents								
Advertisement and Closing of Bid								
Project Start								
Project Completion								

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

**Map or Picture of Project**

### Replacement PLC Control Panels - Water

<b>Project #</b>	6-415-1000
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2015
<b>Year of Completion</b>	2015
<b>Submitted by</b>	Darren Shilvock
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Replacement of two PLC Control Panels that have reached the end of their useful lives. The PLC control panels are located at the Mountain Road Booster Station and the Water Treatment Plant.

Category	Details
<b>Purpose</b>	To replace two existing PLC Control Panels that have reached the end of their useful life
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Will require the use of natural resources but will ensure the continued production of safe drinking water

		Budget							
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ -							63120	
Contract Services	\$ -							63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ 52,500				\$ 52,500			64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 52,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 52,500</b>	<b>\$ -</b>	<b>\$ -</b>		

Budget									
<i>Funding</i>		Total	2012	2013	2014	2015	2016	2017	Account
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	52,500				\$ 52,500			54011
Reserves	\$	-							54032
Reserve Funds	\$	-							54046
Debt	\$	-							58100
<b>Funding Total:</b>	<b>\$</b>	<b>52,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 52,500</b>	<b>\$ -</b>	<b>\$ -</b>	

<u>Timeline - Current Projects</u>	Staff Resources Required							
RFP / Tender Documents								
Advertisement and Closing of Bid								
Project Start								
Project Completion								

**Notes to Expenditure & Funding Tables**

**Map or Picture of Project**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

**Replacement Pumps - Water**

<b>Project #</b>	6-413-1000
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2013
<b>Year of Completion</b>	2013
<b>Submitted by</b>	Darren Shilvock
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Replacement of two high lift vertical turbine pumps and two reverse filtration vertical turbine pumps at the Water Treatment Plant. These vertical turbine pumps have reached the end of their useful life at the Thornbury Water Treatment Plant.

Category	Details
<b>Purpose</b>	To replace existing pumps that have reached the end of their useful life
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Will require the use of natural resources but will ensure the continued production of safe drinking water

		Budget							
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ -							63120	
Contract Services	\$ -							63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ 88,700		\$ 88,700					64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 88,700</b>	<b>\$ -</b>	<b>\$ 88,700</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	

Budget									
<i>Funding</i>		Total	2012	2013	2014	2015	2016	2017	Account
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	88,700	\$	88,700					54011
Reserves	\$	-							54032
Reserve Funds	\$	-							54046
Debt	\$	-							58100
<b>Funding Total:</b>	<b>\$</b>	<b>88,700</b>	<b>\$ -</b>	<b>\$ 88,700</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>

<u>Timeline - Current Projects</u>	Staff Resources Required							
RFP / Tender Documents								
Advertisement and Closing of Bid								
Project Start								
Project Completion								

**Notes to Expenditure & Funding Tables**

**Map or Picture of Project**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

### Water Operations Storage Building

<b>Project #</b>	6-415-4970	
<b>Department</b>	EPW- Water & Wastewater Services	
<b>Year of Initiation</b>	2013	
<b>Year of Completion</b>	2013	
<b>Submitted by</b>	Darren Shilvock	
<b>Flexible</b>	Yes	
<b>Capital</b>	Yes	

Description
Construction of a storage building located at 81 Victoria Street South. This building will be steel clad and approximately 32' wide x 40' long. The existing Water Operations Centre garage is full and some material and equipment is stored outside which should be stored indoors.

Category	Details
<b>Purpose</b>	This building will provide storage for watermains, valves, fittings, utility trailer, dump trailer, backhoe and traffic control signs and vehicles as required.
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's municipal infrastructure needs".
<b>Environmental Impact</b>	The building will be constructed within the footprint of the water division property and will not be heated, therefore not requiring energy for that purpose.

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -								62000
Advertisements	\$ -								62125
Courier	\$ -								63010
Professional Fees	\$ -								63100
Legal	\$ -								63105
Engineering	\$ 7,500		\$ 7,500						63115
Consulting	\$ -								63120
Contract Services	\$ 112,500		\$ 112,500						63125
Contingencies	\$ -								63126
Additional Equipment	\$ -								64010
Replacement Equipment	\$ -								64011
Additional Vehicles	\$ -								64020
Replacement Vehicles	\$ -								64021
Interim Financing	\$ -								63210
<b>Expenditures Total:</b>	<b>\$ 120,000</b>	<b>\$ -</b>	<b>\$ 120,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

		Budget							
<b>Funding</b>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>
	Federal Grants	\$ -							53005
	Provincial Grants	\$ -							53010
	Municipal Act 326 / 391	\$ -							54012
	Developer Contributions	\$ -							57013
	Revenue Fund - Taxes	\$ -							54011
	Revenue Fund - User Fees	\$ 120,000	\$ 120,000						54011
	Reserves	\$ -							54032
	Reserve Funds	\$ -							54046
	Debt	\$ -							58100
<b>Funding Total:</b>		<b>\$ 120,000</b>	<b>\$ -</b>	<b>\$ 120,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

Landfill Building constructed in 2006 – 50 x 50 - \$150,000  
 Inflationary costs from Finance 2010

**Operational Expenditure Impact**

Project management, design submission review, attend construction meetings, review and approve payment of engineering fee invoices and construction payment certificates

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

**Map or Picture of Project**



### Replacement Confined Space Equipment - Water

<b>Project #</b>	1-415-1000-
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2016
<b>Year of Completion</b>	2016
<b>Submitted by</b>	Darren Shilvock
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Replacement of confined space equipment (davit arms, retrieval units, harnesses, etc.) to ensure the protection of Staff while working in Confined Spaces.

Category	Details
<b>Purpose</b>	To replace existing confined space equipment that have reached the end of their useful life
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Will require the use of natural resources but will ensure safety and protection of Staff and the continued production and distribution of safe drinking water

		Budget							
<i>Expenditures</i>	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ -							63120	
Contract Services	\$ -							63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ 13,900				\$ 13,900			64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 13,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 13,900</b>	<b>\$ -</b>		

Budget									
<i>Funding</i>		Total	2012	2013	2014	2015	2016	2017	Account
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	13,900				\$ 13,900			54011
Reserves	\$	-							54032
Reserve Funds	\$	-							54046
Debt	\$	-							58100
<b>Funding Total:</b>	<b>\$</b>	<b>13,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 13,900</b>	<b>\$ -</b>	

<u>Timeline - Current Projects</u>	Staff Resources Required							
RFP / Tender Documents								
Advertisement and Closing of Bid								
Project Start								
Project Completion								

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

**Map or Picture of Project**

**Infrastructure Locating Devices - Water**

<b>Project #</b>	6-415-1000
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2014
<b>Year of Completion</b>	2014
<b>Submitted by</b>	Darren Shilvock
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Replacment of the Global Positioning System Unit (GPS) used to accurately record the location of various pieces of municipal infrastructure. Replacement of locating devices such as locator wands, etc. Purchase of acoustic listening device to locate leaks.

Category	Details
<b>Purpose</b>	To replace the existing GPS unit and other infrastructure locating devices
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's Municipal Infrastructure needs"
<b>Environmental Impact</b>	Will save resources by accurately identifying the location of municipal infrastructure

		Budget							
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ -							63120	
Contract Services	\$ 30,900		\$ 30,900					63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 30,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		

Budget									
<i>Funding</i>		Total	2012	2013	2014	2015	2016	2017	Account
Federal Grants	\$	-							53005
Provincial Grants	\$	-							53010
Municipal Act 326 / 391	\$	-							54012
Developer Contributions	\$	-							57013
Revenue Fund - Taxes	\$	-							54011
Revenue Fund - User Fees	\$	30,900		\$ 30,900					54011
Reserves	\$	-							54032
Reserve Funds	\$	-							54046
Debt	\$	-							58100
<b>Funding Total:</b>	<b>\$</b>	<b>30,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

<u>Timeline - Current Projects</u>	Staff Resources Required							
RFP / Tender Documents								
Advertisement and Closing of Bid								
Project Start								
Project Completion								

**Notes to Expenditure & Funding Tables**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**

**Map or Picture of Project**

**Purchase of Replacement Vehicles - Water**

<b>Project #</b>	6-415-1000
<b>Department</b>	EPW - Water & Wastewater Services
<b>Year of Initiation</b>	2011
<b>Year of Completion</b>	2016
<b>Submitted by</b>	John Caswell
<b>Flexible</b>	No
<b>Capital</b>	Yes

Description
Replace current older vehicles where repair costs are escalating and reliability is decreasing. Replacing a 2004 4x4 3/4 Ton Ford F-250 in 2013. Replacing a 2006 Chevrolet and a 2006 4x4 Ford F-250 in 2015. Replacing a 2007 4x4 Extended Cab Ford F-150 in 2016. The Town will consider the type and size of vehicle required with consideration for hybrid fuel vehicles which will reduce the Town's carbon footprint.

Category	Details
<b>Purpose</b>	To replace older vehicles at the end of their useful lives.
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's municipal infrastructure needs".
<b>Environmental Impact</b>	The Town will consider the type and size of vehicle required with consideration for hybrid fuel vehicles which will reduce the Town's carbon footprint.

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ -							63120	
Contract Services	\$ -							63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ -							64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ 140,000	\$ 35,000		\$ 70,000	\$ 35,000			64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 140,000</b>	<b>\$ -</b>	<b>\$ 35,000</b>	<b>\$ -</b>	<b>\$ 70,000</b>	<b>\$ 35,000</b>	<b>\$ -</b>		

Budget									
<i>Funding</i>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>
	Federal Grants	\$	-						53005
	Provincial Grants	\$	-						53010
	Municipal Act 326 / 391	\$	-						54012
	Developer Contributions	\$	-						57013
	Revenue Fund - Taxes	\$	-						54011
	Revenue Fund - User Fees	\$	140,000	\$ 35,000		\$ 70,000	\$ 35,000		54011
	Reserves	\$	-						54032
	Reserve Funds	\$	-						54046
	Debt	\$	-						58100
<b>Funding Total:</b>		\$	<b>140,000</b>	\$ - \$ 35,000	\$ -	\$ 70,000	\$ 35,000	\$ -	

<u>Timeline - Current Projects</u>	Staff Resources Required							

**Notes to Expenditure & Funding Tables**

**Map or Picture of Project**

**Project Costing Driver**

Costs based on vehicles purchased in 2009 plus inflationary factors

**Operational Expenditure Impact**

Project management  
Review specification package  
Review and approve payment of vehicle

**Potential Cost Savings**

Reduced repairs and maintenance; increased reliability

**Funding Sources - Grants / Reserves / etc.**

**Purchase of Furniture and Office Equipment - Water**

<b>Project #</b>	6-415-1000
<b>Department</b>	EPW- Water & Wastewater Services
<b>Year of Initiation</b>	2012
<b>Year of Completion</b>	2015
<b>Submitted by</b>	Darren Shivlock
<b>Flexible</b>	Yes
<b>Capital</b>	Yes

Description
To replace current older office equipment where repair costs are escalating and reliability is decreasing

Category	Details
<b>Purpose</b>	To replace furniture and office equipment as it reaches the end of its useful life
<b>Strategic Plan</b>	Goal #2 "Addressing the Town's municipal infrastructure needs".
<b>Environmental Impact</b>	Replacement furniture will be disposed in an environmentally sensitive manner

Budget									
Expenditures	Total	2012	2013	2014	2015	2016	2017	Account	
Materials	\$ -							62000	
Advertisements	\$ -							62125	
Courier	\$ -							63010	
Professional Fees	\$ -							63100	
Legal	\$ -							63105	
Engineering	\$ -							63115	
Consulting	\$ -							63120	
Contract Services	\$ -							63125	
Contingencies	\$ -							63126	
Additional Equipment	\$ -							64010	
Replacement Equipment	\$ 11,500	\$ 5,500			\$ 6,000			64011	
Additional Vehicles	\$ -							64020	
Replacement Vehicles	\$ -							64021	
Interim Financing	\$ -							63210	
<b>Expenditures Total:</b>	<b>\$ 11,500</b>	<b>\$ 5,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,000</b>	<b>\$ -</b>	<b>\$ -</b>		

		Budget							
<b>Funding</b>		<b>Total</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Account</b>
	Federal Grants	\$ -							53005
	Provincial Grants	\$ -							53010
	Municipal Act 326 / 391	\$ -							54012
	Developer Contributions	\$ -							57013
	Revenue Fund - Taxes	\$ -							54011
	Revenue Fund - User Fees	\$ 11,500	\$ 5,500			\$ 6,000			54011
	Reserves	\$ -							54032
	Reserve Funds	\$ -							54046
	Debt	\$ -							58100
<b>Funding Total:</b>		<b>\$ 11,500</b>	<b>\$ 5,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,000</b>	<b>\$ -</b>	<b>\$ -</b>	

<b>Timeline - Current Projects</b>	<b>Staff Resources Required</b>							
As required throughout the year	Project Manager/Supervisor							
	Purchasing Manager							

**Notes to Expenditure & Funding Tables**

**Map or Picture of Project**

**Project Costing Driver**

**Operational Expenditure Impact**

**Potential Cost Savings**

**Funding Sources - Grants / Reserves / etc.**