



Making a difference...together

BEDDIS WATER SERVICE COMMISSION

Notice of Meeting on **Thursday, October 6, 2016 at 10:00 AM**
Portlock Park Meeting Room, 145 Vesuvius Bay Road, Salt Spring Island, BC

Wayne McIntyre

Simon Wheeler

Ruth Waldick

Geoff Bartol

Doreen Hewitt

AGENDA

- 1. Approval of Agenda**
- 2. Adoption of the Minutes of December 15, 2015**
- 3. Chair and Director Reports**
- 4. Reports**
 - 4.1 Operating and Capital Budget**

That the Beddis Water Service Commission recommends that the Capital Regional District Board:

1. Approve the 2017 operating and capital budget for the Beddis Water Service as presented;
 2. Approve the 2017 parcel tax rate of \$549.99 and user charge of \$561.10 and consumption charge rates as presented; and
 3. Balance the 2016 actual revenue and expenditures on the 2016 transfer to capital reserve fund.
- 5. New Business**
 - 6. Outstanding Business**
 - 7. Adjournment**

To ensure quorum, advise Tracey Shaver 250 537 4448 if you cannot attend.

EXEC-1295039085-1052



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**Minutes of the Regular Meeting of the Beddis Water Service Commission
Held December 15, 2015, at the Salt Spring Island Public Library, 129 McPhillips Avenue,
Salt Spring Island, BC**

DRAFT as amended

Present: **Director:** Wayne McIntyre
Commission Members: Simon Wheeler (Chair), Ruth Waldick, Geoff Bartol
Staff: Keith Wahlstrom, Manager, Engineering Salt Spring Electoral Area,
Karla Campbell, Senior Manager, Peggy Dayton, CRD Finance, Tracey
Shaver, Recording Secretary

The Chair called the meeting to order at 10:05 am.

1. Approval of Agenda

MOVED by Commissioner Waldick, **SECONDED** by Commissioner Bartol,
That the Beddis Water Service Commission agenda of December 15, 2015 be approved with
the addition of Item 5.1 New Commission Member.

CARRIED

2. Adoption of Minutes of September 14, 2015

MOVED by Commissioner Bartol, **SECONDED** by Commissioner Waldick,
That the Beddis Water Service Commission minutes of September 14, 2015 be amended
and approved by adding Karla Campbell, Senior Manager to those present at the meeting.

CARRIED

3. Chair and Director Reports

3.1 Chair

- The Chair reported that after a review of the 2016 Operating and Capital Budget submitted at the September 14, 2015 meeting, the Commission submitted correspondence outlining proposed changes to the budget.
- Chair Wheeler and Keith Wahlstrom are in process of negotiating safe access to the Lautman Reservoir tank for the purposes of dismantling the tank and accessing the existing pump station.

3.2 Director

- New CRD Board Chair for 2016 will be Barbara Desjardins and the Vice Chair is David Howe from the Southern Gulf Islands Electoral Area.
- Grant in Aid program being set up with the Salt Spring Island Water Council to assist property owners with rain water collection systems.
- Capital Regional Hospital District Board (CRHD) and the CRD will be working on a strategy to combine funding sources that will connect regional housing projects with health initiatives. The focus will be on homes creating health.

4. Reports

4.1. 2016 Operating and Capital Budget

The commission discussed several operating concepts for future consideration.

- Dismantling timeline for the Lautman reservoir tank, in particular the Commissioners emphasized the need to complete this project in 2016 if the 2016 capital expenditures are low enough to accommodate the dismantling, but in any case no later than the end of 2017.
- Conversion of water treatment waste into useful end products to offset operating costs.
- Determining the level of service for a small stand-alone water utility.
- Operational considerations that impact the design of rebuilding the pressure control system for Creekside station; staff report to be presented early in 2016 for Commission's consideration.
- Chlorine injection process from plant treatment to end user.
- Referendum costs for capital projects are the same regardless of the amount to be borrowed.
- Booster pump construction at Lower Sky Valley reservoir; planning, project costs and presentation to utility users.

MOVED by Commissioner Bartol, **SECONDED** by Commissioner Wheeler,

That the Beddis Water Service Commission recommend that the Capital Regional District Board:

1. Approve the revised 2016 operating and capital budget for the Beddis Water Service as presented and amended by moving the capital project of dismantling the Lautman Reservoir to the fiscal year of 2017;
2. Approve the 2016 parcel tax of \$550.00 and user charge of \$561.10 and consumption charge rates as presented; and
3. Balance the 2015 actual revenue and expenditures on the 2015 transfer to capital reserve fund.

CARRIED

5. New Business

5.1 New Commission Member

MOVED by Commissioner Waldick, **SECONDED** by Commissioner Bartol,

That the Beddis Water Service Commission recommend to the Capital Regional District Board that Doreen Hewitt be nominated as a Beddis Water Service Commission member.

CARRIED

Karla Campbell leaves the room at 11:08 am.

6. Outstanding Business

A question arose concerning the chlorine issue that was mentioned at the 2014 Annual General Meeting in September 2015.

The Commission would like to continue to work with staff to better understand chlorine use within the system, including seasonal fluctuations.

7. Adjournment

MOVED by Commissioner Bartol, **SECONDED** by Commissioner Waldick,
That the meeting be adjourned at 11:13 am.

CHAIR

SENIOR MANAGER



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**REPORT TO BEDDIS WATER SERVICE COMMISSION
MEETING OF THURSDAY, OCTOBER 6, 2016**

SUBJECT: 2017 OPERATING AND CAPITAL BUDGET

ISSUE

This report provides a synopsis of the 2017 operating and capital budget, highlighting significant proposed changes related to operational expenditures, debt charges, capital expenditures and revenues for the Beddis Water Service.

In accordance with Bylaw No. 3693, "Beddis Service Commission Establishment Bylaw states, "Before the end of November of each year, the Commission shall be presented with a five year operating and capital budgets for the services provided in the Service Area which shall include estimates for the administrative, development, maintenance, operational and other expenses, including debt charges, and shall submit such expenditure estimates, together with estimates for expected revenue, in a form approved by the Financial Officer of the CRD for the approval of the Regional Board and for inclusion in the Regional Board's preliminary and annual budgets."

BACKGROUND

2016 Estimated Revenue and Operating Expenditures

The estimated actual 2016 operating costs are projected to be **\$30,110** under budget as a result of the following:

1. Lower than budgeted expenditures for:
 - a. Operations contracts (\$1,720)
 - b. Grit and waste sludge disposal (\$3,920)
 - c. Repairs and maintenance (\$3,000)
 - d. Electricity (\$1,000)
 - e. Supplies (\$1,500)
 - f. Labour charges (\$19,660) – anticipated deferral of preventative maintenance program in 2016, expected to return to normal levels in 2017

2. Higher than budgeted expenditures for:
 - a. Other operating expenses (\$690)

The estimated actual operating revenue is projected to be approximately **\$13,950** lower than budget primarily as a result of lower than budgeted revenue for water sales.

This results in a projected year-end net revenue of **\$16,160**. This will be slightly offset by higher than budgeted debt principal costs of **\$600**.

It is proposed that the projected year-end surplus be allocated to the capital reserve fund to increase the 2016 transfer from **\$6,550** to **\$22,110**.

2017 OPERATING BUDGET

An increase of **\$550** (0.4%) in the 2017 operating is proposed as a result of the following:

1. Decrease in expenditures for:
 - a. Labour Charges (\$1,090)
 - i. The labour charge-out rate in previous budgets included overhead charges related to vehicles. Vehicle overhead costs are now removed from the labour charge-out rate and is now tracked separately as a "vehicle allocation" (\$1,300).
2. Increase in expenditures for:
 - a. Allocations (\$1,530)
 - i. Overhead charges related to vehicles were previously accounted for in the labour charge-out rate. Vehicle costs are now removed from the labour rate and are now tracked and charged under a vehicle allocation (\$1,300).
 - b. Other operating expenses (\$110)

2017 DEBT AND RESERVES FUNDS

Maintenance Reserves

Maintenance reserves are to be used for the purchase of equipment and supplies that are typically not replaced annually such as filter media, ultraviolet lamps and sensors and also to undertake maintenance activities such as reservoir cleaning and raw water intake inspections and unforeseen significant repairs.

It is proposed that \$2,500 be transferred to the maintenance reserve annually.

The maintenance reserve balance at the end of 2016 is projected to be **\$11,210**.

Capital Reserve Fund 1069

The Capital Reserve Fund (CRF) was created and established for the service under Bylaw 3274. The purpose of the CRF is to fund anticipated future capital improvements.

It is proposed that the transfer to the capital reserve fund in 2017 be **\$5,400**.

The capital reserve fund balance at the end of 2016 is projected to be **\$60,590**.

Capital Project Funds

The Beddis water utility has two active Capital Project Funds as outlined below:

WLA3193 192031 – SSI Study and Upgrade Fund

Purpose: Strategic Asset Management Plan (SAMP) and Plant Scope/Cost Refinement
Funds Remaining: \$23,852 of which \$17,130 is earmarked for the SAMP.
Status: The Plant Scope/Cost Refinement is complete. The SAMP is not complete. Hold all funds in account until the SAMP is complete.

WLA3825 192015 – Beddis Water System Fund

Purpose: Complete Upgrades to the Water System
 Funds Remaining: \$62,251
 Status: The Water Treatment Improvements project has been closed. Therefore, It is proposed that the remaining funds in the amount of \$8,358 be Transferred back to the CRF.

Closure of this fund will be reviewed by CRD in 2017 and if all work is completed, it is recommended that the account be closed and all surplus money transferred to the capital reserve fund.

A table summarizing the two accounts is shown below:

Balance in Capital Project Funds

	<u>Year</u>	<u>Budget</u>	<u>Funding</u>	<u>Spent</u>	<u>Funds</u>	<u>Budget</u>	<u>To CRF</u>
SAMP Study	2011	20,000	20,000	(2,873)	17,127	17,127	-
Plant Scope	2011	18,400	18,400	(11,792)	6,608	6,608	-
Interest Income					117	-	-
Sub-Total Fund WLA3193		38,400	38,400	(14,665)	23,852	23,735	-
Water Treatment Improvements	2012	421,642	430,000	(421,642)	8,358	-	8,358
Resolve Intake Pump Air	2015	7,500	7,500	(6,763)	737	737	-
Reduce Precipitate	2015	4,250	4,250	(13,450)	(9,200)	-	-
Creekside PCS Rebuild	2015	50,000	50,000	(741)	49,259	49,259	-
Emergency Repair of VFD	2015	14,000	14,000	(17,738)	(3,738)	-	-
Safety Equipment for Eyewash	2016	10,000	10,000	(2,689)	7,311	7,311	-
Freshwater Backwash Tank	2016	8,000	8,000	-	8,000	8,000	-
Interest Income		-	-	-	1,524	-	-
Sub-Total Fund WLA3825		515,392	523,750	(463,023)	62,251	65,307	8,358
Grand Total		553,792	562,150	(477,688)	86,103	89,042	8,358

It should be noted that there is \$30,000 potential borrowing available from WLA 3825 as only \$370,000 of the \$400,000 allowable borrowing has been used. The ability to borrow against the original loan authorization expires in 2017 as borrowing must be completed within a 5 year period.

MFA Debt

The annual debt servicing costs remain unchanged from 2016 at \$65,040.

2017 REVENUE (User Charge and Parcel Tax)

It is proposed that:

- Water sales revenue remain at \$84,000. However, given that water sales revenue for the past two years has been under budget, likely as a result of provincial drought conditions and the extreme need to conserve water, we anticipate that water consumption and corresponding water sales revenue will return to normal levels in 2017. To guard against another shortfall in revenue for in 2017 the Commission may want to consider a reduction in this amount or may elect to increase the volumetric water rates. Currently, the volumetric water rate per quarterly billing period is:
 - \$2.50/m³ for the first 38.0m³ or portion
 - \$5.625/m³ for the next 68.0m³ or portion
 - \$7.50/m³ greater than 106m³
- The user charge remain unchanged from 2016 at \$71,260; based on 127 single family equivalent (SFE) equates to \$561.10.
- The parcel tax rate remain unchanged from 2016 at \$71,590; based on 137 taxable folios and including the 5.25% surveyor of taxes fee equates to \$549.99.

2017 – 2021 FIVE YEAR CAPITAL PLAN

There are two carry forward projects and one new project planned for 2017.

- 1) The Creekside pressure control station (PCS) is planned to be rebuilt in 2016. The project is expected to be started in 2016, however, there may be delays which will then see the completion of it in 2017, and therefore we have included it for information. The project was deferred to review new WorkSafeBC rules for confined space entry and to determine if the design would require modifications to meet the new rules. (\$50,000)
- 2) The Strategic Asset Management Plan (SAMP) is a carry-forward project for the past several years. It was not scheduled to be undertaken in 2016. The intent is to do the work in 2017, subject to workloads and operational priorities. (\$17,130)
- 3) The Lautman reservoir has been decommissioned and requires dismantling to mitigate risk. (\$30,000)

Additional projects anticipated for Beddis are outlined in the attached budget and include:

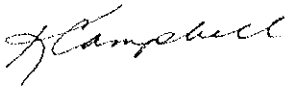
- 2020 Design of booster pump at Sky Valley lower reservoir (\$25,000)
- 2020 Referendum for construction of booster pump at Sky Valley lower reservoir (\$15,000)
- 2021 Construction of booster pump at Sky Valley lower reservoir (\$100,000)

RECOMMENDATIONS

That the Beddis Water Service Commission recommend that the Capital Regional District Board:

1. Approve the 2017 operating and capital budget for the Beddis Water Service as presented;

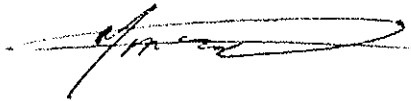
2. Approve the 2017 parcel tax rate of \$549.99 and user charge of \$561.10 and consumption charge rates as presented; and
3. Balance the 2016 actual revenue and expenditures on the 2016 transfer to capital reserve fund.



Karla Campbell, Senior Manager
Salt Spring Island Electoral Area



Rianna Lachance, BCom, CPA, CA,
Manager of Financial Planning and Analysis
Concurrence



Matt McCrank, M.Sc., P.Eng.
Senior Manager, Infrastructure Operations
Integrated Water Services
Concurrence

Attachment: Beddis Water 2017 Budget

CAPITAL REGIONAL DISTRICT

2017 Budget

Beddis Water (SSI)

Committee Review

Compiled and Presented by CRD Finance

October 2016

Service: 2.624 Beddis Water (SSI)

Committee: Electoral Area Services

DEFINITION:

To provide and operate water supply and distribution facilities for the Salt Spring Island Beddis Water System Service Area. Bylaw No. 3188 (November 24, 2004).

PARTICIPATION:

Order in Council No 176, February 24, 2005.

MAXIMUM LEVY:

Greater of \$133,000 or \$2.71 / \$1,000 of actual assessed value of land and improvements, to a maximum of \$186,930.

MAXIMUM CAPITAL DEBT:

Beddis Waterworks 1994 previous debt paid out 2011 \$95,909

AUTHORIZED: LA Bylaw No. 3193 (November 24, 2004)

BORROWED: SI Bylaw No. 3291

Remaining:

\$325,500
(\$325,500)
\$0

4.17%

AUTHORIZED: LA Bylaw No. 3825 (July 11, 2012)

BORROWED: SI Bylaw No. 3882 (Jan 9, 2013) Matured 2023

BORROWED: SI Bylaw No. 3910 (July 2013)

Remaining:

\$400,000
(\$300,000)
(\$70,000)
\$30,000

3.15%

3.85%

COMMITTEE:

Beddis Water Service committee established by Bylaw No. 3247 (Dec 15, 2004)

FUNDING:

Any deficiencies after user charge and/or frontage tax or parcel tax to be levied on taxable school assessments, excluding property that is taxable for school purposes by Special Act.

User Charge:

Fixed user charge + variable consumption charge to all metered properties.

Parcel Tax:

Annual, only on properties capable of being connected to the system, starting 2006.

User Charge:

- Annual Fixed Fee per Water Service Connection.

- The consumption charge for water will be the total volume of water metered to the water service connections, measured in cubic meters at the following rate: (BL3688 March 2010)

- First 38 cubic metres or portion - \$2.50 / cubic metre
- Next 68 cubic metres or portion - \$5.625 / cubic metre
- Greater than 106 cubic metres - \$7.50 / cubic metre

	2016		BUDGET REQUEST			FUTURE PROJECTIONS				
	BOARD BUDGET	ESTIMATED ACTUAL	2017 CORE BUDGET	2017 ONGOING	2017 ONE-TIME	2017 TOTAL	2018	2019	2020	2021
Beddis Water (SSI)										
OPERATING COSTS:										
Operations Contracts	41,820	40,100	41,820	-	-	41,820	42,660	43,510	44,380	45,270
Grit & Waste Sludge Disposal	15,120	11,200	15,120	-	-	15,120	15,420	15,720	16,040	16,360
Repairs & Maintenance	6,000	3,000	6,000	-	-	6,000	6,120	6,240	6,360	6,480
Allocations	11,830	11,830	13,360	-	-	13,360	13,630	13,910	14,200	14,480
Water Testing	8,940	8,940	8,940	-	-	8,940	9,120	9,300	9,490	9,680
Electricity	10,500	9,500	10,500	-	-	10,500	10,710	10,920	11,140	11,360
Supplies	10,000	8,500	10,000	-	-	10,000	10,200	10,400	10,600	10,810
Labour Charges	29,160	9,500	28,070	-	-	28,070	28,640	29,210	29,790	30,390
Other Operating Expenses	19,490	20,180	19,600	-	-	19,600	19,960	20,330	20,710	21,110
Contingency	-	-	-	-	-	-	-	-	-	-
TOTAL OPERATING COSTS	152,860	122,750	153,410	-	-	153,410	156,460	159,540	162,710	165,940
*Percentage increase over prior year							2.0%	2.0%	2.0%	2.0%
DEBT/RESERVES										
Transfer to Maintenance Reserve	2,500	2,500	2,500	-	-	2,500	2,550	2,600	2,650	2,700
Transfer to Capital Reserve Fund	6,550	22,110	5,400	-	-	5,400	5,390	5,390	5,370	27,190
MFA Debt Reserve Fund	-	-	-	-	-	-	-	-	-	-
MFA Debt Principal	47,690	48,290	48,290	-	-	48,290	48,290	48,290	48,290	30,820
MFA Debt Interest	17,350	17,350	17,350	-	-	17,350	17,350	17,350	17,350	12,980
TOTAL DEBT / RESERVES	74,090	90,250	73,540	-	-	73,540	73,580	73,630	73,660	73,690
TOTAL COSTS	226,950	213,000	226,950	-	-	226,950	230,040	233,170	236,370	239,630
FUNDING SOURCES (REVENUE)										
Estimated balance C/F from 2016 to 2017	-	-	-	-	-	-	-	-	-	-
Balance C/F from 2015 to 2016	-	-	-	-	-	-	-	-	-	-
Sales - Water	(84,000)	(70,000)	(84,000)	-	-	(84,000)	(85,680)	(87,390)	(89,140)	(90,920)
User Charges	(71,260)	(71,260)	(71,260)	-	-	(71,260)	(72,670)	(74,090)	(75,540)	(77,020)
Other Revenue	(100)	(150)	(100)	-	-	(100)	(100)	(100)	(100)	(100)
TOTAL REVENUE	(155,360)	(141,410)	(155,360)	-	-	(155,360)	(158,450)	(161,580)	(164,780)	(168,040)
REQUISITION - PARCEL TAX	(71,590)	(71,590)	(71,590)	-	-	(71,590)	(71,590)	(71,590)	(71,590)	(71,590)
*Percentage increase over prior year							2.0%	2.0%	2.0%	2.0%
User Fee							0.0%	0.0%	0.0%	0.0%
Requisition							0.0%	0.0%	0.0%	0.0%
Combined							1.0%	1.0%	1.0%	1.0%

Service:

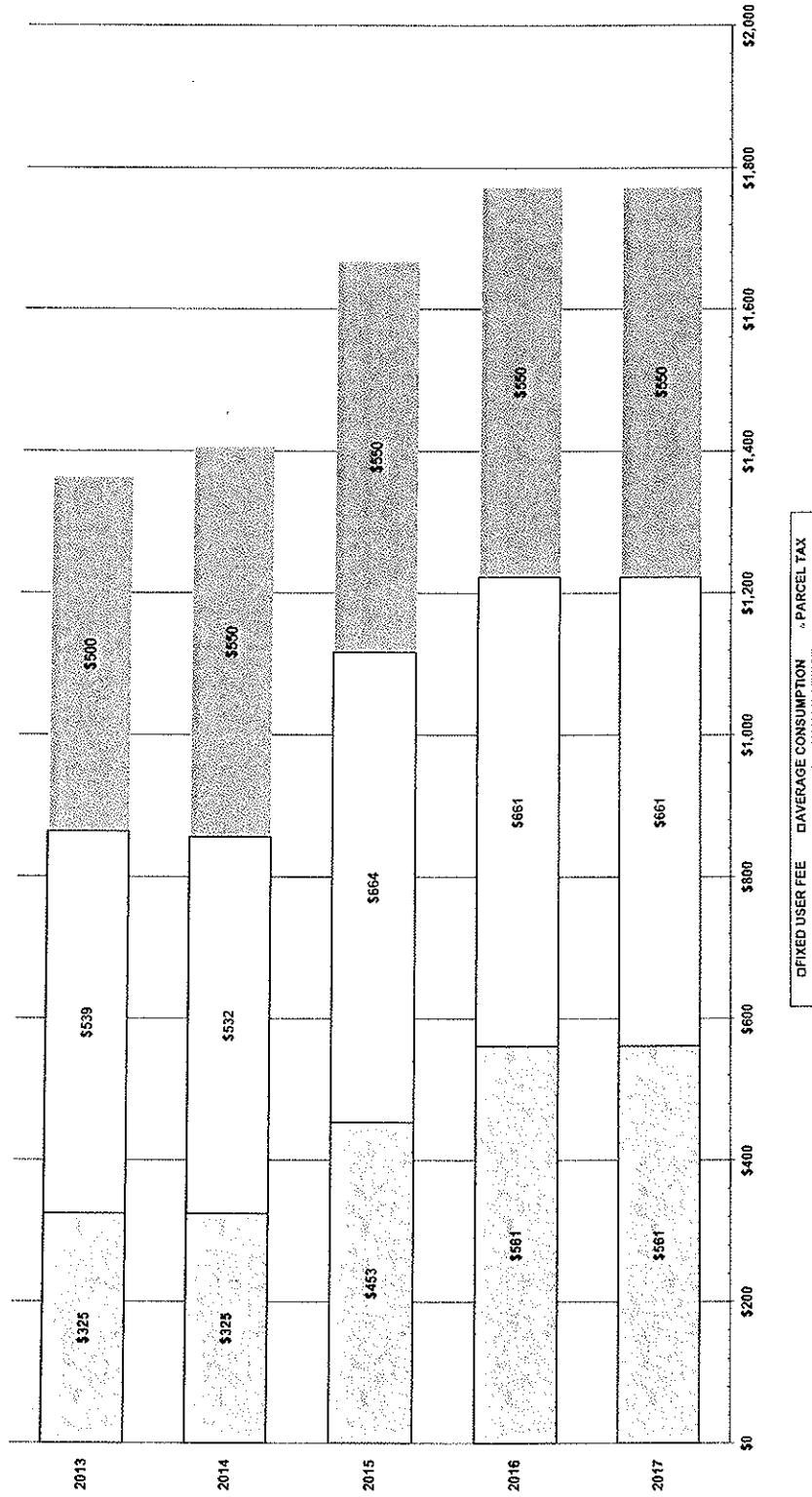
2.624 Beddis Water (SSI)

Committee: Electoral Area Services

<u>Year</u>	<u>Taxable Folios</u>	<u>Parcel Tax</u>	<u>SFE's</u>	<u>User Charge*</u>	<u>Tax & Charges</u>	<u>Bylaw</u>	<u>Assessments \$(000's)</u>
2011	138	\$449.63	127	\$313.00	\$762.63	3777	80,257
2012	138	\$449.63	126	\$324.56	\$774.19	3822	79,242
2013	137	\$500.00	126	\$324.56	\$824.56	3822	77,082
2014	137	\$550.00	126	\$324.56	\$874.56	3925	74,107
2015	137	\$550.00	127	\$453.00	\$1,003.00	3993	72,593
2016	137	\$549.99	127	\$561.10	\$1,111.09	4073	72,669
2017	137	\$549.99	127	\$561.10	\$1,111.09		

* A variable consumption charge is paid in addition to the fixed user charge

CAPITAL REGIONAL DISTRICT BEDDIS WATER FUNDING ANALYSIS 2013-2017



Actual Costs 2013-2016, Projected 2017
Prepared by CRD Finance
30/09/2016

CAPITAL REGIONAL DISTRICT CAPITAL PLAN

CAPITAL BUDGET FORM
2017 & Forecast 2018 to 2021

Service #: **2.624**
Service Name: **Beddis Water (SSI)**

No.	Capital Exp. Type	Capital Project Description	Asset Class	Funding Source	Total Project Budget	Carry Forward	2017	2018	2019	2020	2021	5 - Year Total
16-01	Renewal	Creekside PCS Rebuild	S	Cap	50,000	50,000	0	0	0	0	0	0
							0	0	0	0	0	0
		Sub-total	S		50,000	50,000	0	0	0	0	0	0
17-01	Replacement	Dismantling Decommissioned Laitman Reservoir (2017)	E	Res	30,000	0	30,000	-	-	-	-	30,000
21-01		Construction of Booster Pump at Sky Valley Lower Reservoir (2021)	S	Debt	100,000		-	-	-	-	100,000	100,000
		Sub-total	S		130,000	0	30,000	0	0	0	100,000	130,000
17-02	Replacement	Strategic Asset Management Plan Design of Booster Pump at Sky Valley Lower Reservoir	S	Grant	17,130	17,130	-	-	-	-	0	0
20-01		Referendum for Construction of Booster Pump at Sky Valley Lower Reservoir	S	Res	25,000	-	-	-	-	25,000	0	25,000
20-02			S	Res	15,000	-	-	-	-	15,000	0	15,000
		Sub-total			57,130	17,130	0	0	0	40,000	0	40,000
Total					237,130	67,130	30,000	-	-	40,000	100,000	170,000

Funding Source Codes
 Debi = Debenture Debt (new debt only)
 ERF = Equipment Replacement Fund
 Grant = Grants (Federal, Provincial)
 Cap = Capital Funds on Hand
 Other = Donations / Third Party Funding
 Res = Reserve Fund
 STLoan = Short Term Loans

Asset Class
 L - Land
 S - Engineering Structure
 B - Buildings
 V - Vehicles
 E - Equipment

Capital Expenditure Type
 New = Expenditure for new asset only
 Renewal = Expenditure replaces an existing asset and extends the service ability or enhances technology in delivering that service
 Replacement = Expenditure replaces an existing asset

Service: 2.624 Beddis Water (SSI)

Committee: Electoral Area Services

16-01	Creekside PCS Rebuild (Carry Forward From 2016) The existing pressure control station is at its end of life and requires replacement.	\$50,000
17-01	Dismantling Decommissioned Lautman Reservoir (2017) The Lautman reservoir has been decommissioned and requires dismantling to mitigate risk.	\$30,000
17-02	Strategic Asset Management Plan - SAMP (Carry Forward Funds - Scheduled 2017) The Strategic Asset Management Plan will, within the budget available, recommend a prioritized list of infrastructure replacements which will serve as the basis for future capital spending.	\$17,130
20-01	Design of Booster Pump at Sky Valley Lower Reservoir (2020) The existing booster pump at the decommissioned Lautman reservoir site is to be abandoned and replaced with a new booster pump at the Sky Valley Lower Reservoir. This work should be confirmed through the SAMP. The design of the booster station and developing a detailed cost estimate will permit accurate cost estimating prior to initiating a referendum for borrowing money for the project.	\$25,000
20-02	Referendum for Construction of Booster Pump at Sky Valley Lower Reservoir (2020) As per the Commissions request, capital construction projects greater than \$50,000 are to be funded by borrowing, in which case a referendum will be required.	\$15,000

Reserve Schedule

Reserve Fund: Capital Reserve Fund - Bylaw 3274

For capital repairs, additions and improvements to water system infrastructure

Reserve Cash Flow

Fund: 1069 Fund Center: 101894

	Estimate 2016	Budget				
		2017	2018	2019	2020	
Beginning Balance	72,524	60,592	35,992	41,382	46,772	12,142
Transfer from Ops Budget	22,110	5,400	5,390	5,390	5,370	27,190
Interest Income	600	-	-	-	-	-
Transfer from Cap Fund	8,358	-	-	-	-	-
Transfer to Cap Fund	(43,000)	(30,000)			(40,000)	
Ending Balance \$	60,592	35,992	41,382	46,772	12,142	39,332

Debt costs will be reduced by \$22k in 2021. Transfers to CRF may increase at that time

Beddis Water Reserves
 Summary Schedule
 2016 - 2020 Financial Plan

Reserve/Fund Summary

	2016 Estimate	Budget				
		2017	2018	2019	2020	2021
Maintenance Reserve	11,210	13,710	16,260	18,860	21,510	24,210
Capital Reserve Fund	60,592	35,992	41,382	46,772	12,142	39,332
Total	71,802	49,702	57,642	65,632	33,652	63,542