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BEDDIS WATER SERVICE COMMISSION

Notice of Meeting on Tuesday, December 10, 2013 at 4 pm
Fulford Hall OAP Room, Salt Spring Island, BC

S. Wheeler

N. Hamilton

R. Waldick

W. McIntyre

AGENDA

1. Approval of Agenda
2. Minutes of the Meetings held December 6, 2012, March 14, 2013 and March 26, 2013
3. Update for the Beddis Water Treatment Plant Completion and Distribution System Upgrade Project
4. 2014 Capital and Operating Budget
5. New Business
6. Adjournment

To ensure a quorum, advise Tracey Shaver at 250.537.4448 if you cannot attend.



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**Minutes of the Regular Meeting of the Beddis Water Service Commission
Held December 6, 2012 in the Portlock Park Meeting Room, Salt Spring Island, BC**

DRAFT

Present: **Alternate CRD Director:**

Peter Lake

Commission Members:

Jim Sharp, Simon Wheeler, Nancy Hamilton

Staff:

Janice Poncelet, CRD Senior Business Analysis; Ted Robbins, CRD Acting GM Integrated Water Services; Kees Ruurs, CRD EA Senior Manager; Sarah Shugar, Recording Secretary; Ralf Waters, CRD Engineer

Excused: Wayne McIntyre, CRD Director

J. Sharp called the meeting to order at 11:30 am.

1. Approval of Agenda

The agenda was accepted as presented.

2. 2013 Operating and Capital Budget

T. Robbins reviewed the 2013 Operating and Capital Budget. He highlighted the following items:

- The actual 2012 revenue is expected to be \$3,930 below budget due to lower than budgeted consumption charges and the removal of one property from the service area.
- Operating expenses are expected to be \$53,964 below budget due to lower operating costs as a result of not operating the new treatment plant and unused contingency funding.
- A \$50,034 surplus is anticipated at 2012 year end.
- Review of the 2012 Projected Year End Budget Summary.
- A net increase in the 2013 operating expense of \$31,684 is proposed.
- The debt expenditure budget for 2013 is \$45,626, a \$10,687 increase over 2012.
- There are no new capital projects planned for 2013. The water system and treatment plan upgrades are underway and are expected to be completed in early 2013. It is also expected to complete the Strategic Asset Management Plan (SAMP) that was initiated for the service in 2012.
- The 2013 parcel tax, annual fixed user charge and the consumption charge rates are proposed to remain at the 2012 levels.
- Review of the 2013 Budget Summary.

It was generally agreed that staff would redraft the 2013 Operating and Capital Budget with the following amendments:

- *Remove the \$200,000 for SAMP.*

- *To separate the capital and revenue. That all capital funds, reserve fund contributions and debt are funded by parcel tax and the balance would be the reserve fund contribution for 2013.*
- *Reserve fund at 2012 year end to be \$39,565.*
- *Reserve fund at 2013 year end to be \$13,328.*
- *Plan not to borrow the entire \$400,000 and if necessary the CRD would provide short-term internal borrowing.*
- *To not reduce the parcel tax and instead use the contribution to the reserve fund as a balancing number for anything over and above the debt expenditures.*

It was generally agreed that Staff would schedule a meeting to present the amended 2013 Operating and Capital Budget in the New Year.

3. New Business

There were no new business items for consideration at this time.

4. Adjournment

MOVED by S. Wheeler, **SECONDED** by J. Sharp,
That the meeting be adjourned at 12:25 pm.

CARRIED



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**Minutes of the Regular Meeting of the Beddis Water Service Commission
Held March 14, 2013 in the Portlock Park Meeting Room, Salt Spring Island, BC**

DRAFT

Present: **Alternate CRD Director:**
Peter Lake
Commission Members:
Jim Sharp – Chair, Simon Wheeler – Vice Chair, Nancy Hamilton
Staff:
Ted Robbins, CRD Acting GM Integrated Water Services (via web conferencing)
Janice Poncelet, CRD Senior Business Analysis (via web conferencing)
Scott Mason, CRD Manager of Regional Infrastructure (via web conferencing)
Kees Ruurs, CRD EA Senior Manager
Ralf Waters, CRD Engineer
Sarah Shugar, Recording Secretary

J. Sharp called the meeting to order at 2:05 pm.

1. Approval of Agenda

MOVED by P. Lake, **SECONDED** by S. Wheeler,
That the agenda be approved with the following additional items:

- Item 3.1 Safety Issues at Lautman Tank
- Item 3.2 SAMP
- Item 3.3 Treatment Plant

CARRIED

2. 2013 Capital and Operating Budget

T. Robbins reviewed the 2013 Operating and Capital Budget Report.

MOVED by S. Wheeler, **SECONDED** by N. Hamilton,
That Beddis Water Service Commission recommends to the Capital Regional District Board to approve the 2013 Capital and Operating Budget as amended to include:

- 1. To increase the parcel tax to \$500.00; and
- 2. To maintain the fixed user charge at \$324.56.

CARRIED UNANIMOUSLY

It was generally agreed that the Chair would meet with staff to review the financial reporting.

3. New Business

3.1 Safety Issues at Lautman Tank

J. Sharp advised that there are safety concerns regarding the access to the Lautman tank. Three options were identified:

- To install a stairway;
- To install a pump system;
- To use the neighbouring driveway.

R. Waters reported that the owner of the neighbouring property provided verbal permission to use the driveway.

It was generally agreed that staff will advise North SS Waterworks to use the driveway to access the tank.

3.2 Strategic Asset Management Plan – SAMP

K. Ruurs reported that at the last meeting it was decided that Integrated Water Services would prepare a report to accompany the work done on the SAMP to date.

It was generally agreed that the report would be on the next meeting agenda.

3.3 Treatment Plant

T. Robbins advised that Steve Irwin has advised VIHA that the treatment plant is complete.

4. Adjournment

The Public Meeting is scheduled on March 28, 2013.

The meeting adjourned at 3:25 pm.



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**Minutes of the Special Meeting of the Beddis Water Service Commission
Held March 26, 2013 in the Portlock Park Meeting Room, Salt Spring Island, BC**

DRAFT

Present: **CRD Director:**
Wayne McIntyre
Commission Members:
Jim Sharp – Chair, Nancy Hamilton
Staff:
Kees Ruurs, CRD EA Senior Manager
Ralf Waters, CRD Engineer
Sarah Shugar, Recording Secretary

Excused: Simon Wheeler

J. Sharp called the meeting to order at 9:35 am.

1. Approval of Agenda

MOVED by N. Hamilton, **SECONDED** by W. McIntyre,
That the agenda be approved as presented.

CARRIED

2. Chair's Remarks

The Chair advised that the purpose of the meeting is to consider the bids that were received for the Beddis Water System Upgrades Project.

3. Presentations / Delegations

There were no presentations at this time.

4. Reports

4.1 CRD Director McIntyre
There was no report at this time.

4.2 CRD EA Manager Ruurs
There was no report at this time.

4.3 CRD Manager of Engineering
There was no report at this time.

5. Continuing Projects

5.1 Contract Award – Beddis Water System Upgrades.
R. Waters reviewed the Award of Construction Contract No. 2013-707 – Beddis Water System Upgrades Report.

A contract is required for the construction of the civil works for the Beddis Water System Upgrade Project. These civil works are required to connect the new water treatment plant and steel storage tank to the existing distribution system. There were six tender bids received on March 19, 2013. All of the bids were reviewed and evaluated by Tetra Tech and CRD staff based on the qualifications and evaluation criteria set out in the tender documents. The lowest bidder was disqualified as a non-compliant bid.

There was discussion regarding how to promote local contractors on local projects. SSI CRD has changed the bonding requirement to a letter of credit. R. Waters contacted several local contractors to advise them of the contract. It was generally agreed to require the main contractor to list the subcontractors that they intend to use during the contract. This would support the local contractors to be able to work on the project as sub-contractors.

There was discussion regarding CRD supervision of the project. It is requested that CRD supervision is on site on the days that the contractors will be on the neighbouring properties. It was generally agreed that staff would take pictures where there is a possibility of damage to occur.

It was noted that Tetra Tech would be managing the distribution of the funds. The contractor must receive approval prior to completing any item that is beyond the scope of the contract.

R. Waters circulated the Beddis Water System Upgrades budget document for information. He noted that the budget includes \$15,000 for fencing. Fencing is recommended although it is not a VIHA requirement. It was generally agreed that the fencing be included.

MOVED by J.Sharp, **SECONDED** by W. McIntyre,
That the Beddis Water Commission recommends to the CRD Board that a contract for construction of the Beddis upgrade civil works (Tender Reference No. 2013-707) be awarded to Brunnell Construction Ltd. for the amount of \$178,438.40 including HST.

UNANIMOUSLY CARRIED

6. New Business

There were no new business items for consideration at this time.

7. Other Business

7.1 Notice of Public Information Meeting, March 28, 2013

It was advised that the meeting will be an opportunity to provide an update and to obtain feedback. The Commission hopes to receive public feedback on the amount of support that there is to build up the reserve funds.

W. McIntyre will provide the opening remarks.

R. Waters will provide a review of the budget for the Beddis Water System Upgrades. He will also provide pictures of the project.

8. Adjournment

The meeting adjourned at 10:20 am.

DRAFT



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**REPORT TO BEDDIS WATER COMMISSION
TUESDAY, DECEMBER 10, 2013**

SUBJECT **Update for the Beddis Water Treatment Plant Completion and Distribution System Upgrade Project**

ISSUE

To inform the Beddis Water Commission and water users of the status of the ongoing capital project to complete the Beddis Water Treatment Plant and the upgrades to the water distribution system required to put the treatment plant and new storage tank into service.

BACKGROUND

The primary goal of the project is to put the new water treatment plant and the new 91,700 liter storage tank online in order to provide the Beddis Water users with water that meets the latest Vancouver Island Health Authority (VIHA) guidelines. The project and budget review is being managed by CRD staff. The works to be completed were:

- Construction of a new 6-inch main from the Lautman booster station to the new storage tank located below Lord Mikes Road (the new Lautman Tank). Booster pumps at the water treatment plant will pump treated water up the existing 100mm AC main to the new 150mm PVC at the booster station and continue up to the new storage tank. A new 50mm PVC force main was also constructed to supply water from the Lautman booster station to the existing upper Sky Valley storage tank;
- Construction of a new pressure reducing valve (PRV) station located on the MOTI right of way at the intersection of Cusheon Lake Road and Stewart Road.

A brief summary of the timing of the project follows:

- In February 2012, the critical components of the upgrade package were determined to allow emergency funding of \$460,000;
- In September 2012, a contract with Tetra Tech was signed to complete the engineering services for the project;
- Completion works on the treatment plant were completed by North Salt Spring Water Works (NSSWW) and CRD operations staff;
- In April 2013, a contract with Brunnell Construction was signed to complete the construction of the civil works;
- In June 2013, the mechanical work, electrical work and programming were completed and the treatment plant started producing water;
- In July 2013, the civil works connecting the treatment plant to the new storage tank and PRV station were completed and the treatment plant was commissioned, providing treated water to the distribution system; and
- Over the last few months, NSSWW and CRD operations staff completed some minor operational upgrades to optimize the performance of the treatment plant. These have included some additional valves and programming for the automatic backwash system

and some changes to the intake system. Freeze protection has also been added to all external piping at the water treatment plant.

The original budget for this capital project was \$460,000 excluding taxes, \$400,000 of which was to be borrowed. Prior to starting the project, staff requested accurate cost estimates from NSSWW and CRD electrical and operations staff to complete the DAF water treatment plant and have it commissioned. Based on these estimates and on cost estimates for completion of the civil works for the new storage tank and PRV station, a more accurate budget of \$430,000 for the completion of the project was determined (\$30,000 under the original estimate). This required the borrowing of \$370,000 instead of the anticipated \$400,000. To date, the budget is at approximately \$420,000 with all required work completed. Operations have requested that the old analog flow meter for treated water leaving the plant be replaced with a new magnetic flow meter that can connect to the SCADA system (\$2,500). This will save on operator's time and give early alerts of malfunctions at the treatment plant or reservoir.

ALTERNATIVES

Not applicable to this report.

IMPLICATIONS


Not applicable to this report.

SUMMARY

The works to complete the Beddis Water Treatment Plant and upgrades to the distribution system required to put the new treatment plant and new storage tank into service are complete. The project has been completed under the estimated budget of \$430,000 and below the original estimate of \$460,000.

RECOMMENDATION

Not applicable to this report.



Ralf Waters, M.Sc., P.Eng.
Manager, Engineering
Salt Spring Island Electoral Area



Karla Campbell, Senior Manager,
Salt Spring Island, Electoral Area



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**REPORT TO BEDDIS WATER SERVICE COMMISSION
MEETING OF TUESDAY, DECEMBER 10, 2013**

SUBJECT 2014 OPERATING AND CAPITAL BUDGET

ISSUE

This report provides a synopsis of the 2014 budget, highlighting significant proposed changes, and is in accordance with Bylaw No. 3693, "Salt Spring Island Water, Sewer and Liquid Waste Disposal Commissions Bylaw No. 1, 2010."

BACKGROUND

2013 Estimated Actual Revenue and Expense

The actual 2013 revenue is expected to be \$2,930 below budget due to lower than budgeted consumption charges. Operating expenses are expected to be \$43,424 below budget due to lower operating costs as a result of not operating the new treatment plant for the full year and unused contingency funding. Debt expenditures are projected to be \$2,610 below budget. As a result, a \$43,104 surplus is anticipated at 2013 year end.

2014 Operating Expense

A net increase in the total 2014 operating expenses of \$17,676 is proposed resulting from:

- A net decrease in general operating expenses of \$703;
- A \$1,040 increase in North Salt Spring Waterworks operating contract allowance for treatment plant and distribution system operation;
- A \$4,803 increase in operating contingency allowance;
- A \$30,375 increase in debt expenditures;
- A \$17,839 decrease in the transfer to the reserve fund.

2014 Capital Plan

The only capital project planned for 2014 is the decommissioning of the old Lautman Reservoir. At year-end 2013, the projected capital reserve fund balance is \$89,783.

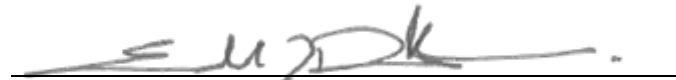
2014 Revenue Requirement and Fees

With the proposed increase in 2014 expenses offset by the projected \$43,104 surplus carried forward from 2013, the overall revenue requirement for 2014 increases by \$17,676. The 2014 parcel tax is proposed to increase to \$695.95, and the annual fixed user charge and the consumption charge rates are proposed to remain at the 2013 levels.

RECOMMENDATIONS

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

1. Approve the 2014 operating and capital budget for the Beddis Water Service as presented;
2. Approve the 2014 fixed annual user charge and consumption charge rates for the Beddis Water Service as presented; and,
3. Balance the 2013 actual revenue and expense on the 2013 transfer to reserve.



Ted Robbins, BSc, CTech
General Manager, Integrated Water Services

TR:mm

Attachment: 1

CAPITAL REGIONAL DISTRICT

2014 BUDGET

Beddis Water (SSI)

COMMITTEE REVIEW

Compiled and Presented by CRD Finance
Data provided by Integrated Water Services

November 2013

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.

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 \$325,500

Remaining: \$0

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

BORROWED: SI Bylaw No. 3882 (Jan 9, 2013) Matured 2023 \$400,000

BORROWED: SI Bylaw No. 3910 (July 2013) \$300,000

Remaining: (\$70,000)

3.15%

\$30,000

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.

Parcel charge in lieu of parcel tax in 2005 only.

Water Connection Charge:

The connection charge for a service shall be the actual cost for the connection.

RESERVE FUND:

Fund 1069, established by Bylaw # 3274 (April 27, 2005)

2.624 - BEDDIS WATER (S.S.I.)

	2013		2013		BUDGET REQUEST				2016		2017		2018	
	BOARD BUDGET	ESTIMATED ACTUAL	2014 CORE BUDGET	2014 SUPPLEMENTARY	2014 TOTAL	2015 SUPPLEMENTARY	2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL				
OPERATING COSTS:														
Operating - Costs	88,205	60,414	87,502	0	87,502	0	89,799	91,743	93,733	95,769				
Contract For Services	52,000	42,000	53,040	0	53,040	0	54,101	55,183	56,286	57,412				
Contingency	5,633	0	10,436	0	10,436	0	9,970	10,515	11,071	11,637				
TOTAL OPERATING COSTS	145,838	102,414	150,978	0	150,978	0	153,870	157,441	161,090	164,819				
*Percentage Increase over prior year	0.00%	-29.78%	3.52%	3.52%	3.52%	0.00%	1.92%	2.32%	2.32%	2.31%				
CAPITAL / RESERVE														
Transfer to Capital Fund	0	0	0	0	0	0	0	0	0	0				
Transfer to Reserve Fund	35,107	35,107	17,268	0	17,268	0	17,268	17,268	17,268	17,268				
TOTAL CAPITAL / RESERVES	35,107	35,107	17,268	0	17,268	0	17,268	17,268	17,268	17,268				
Debt Expenditures	38,996	36,686	73,021	0	73,021	0	76,896	76,896	76,896	76,896				
MFA Debt Reserve	4,130	3,830	480	0	480	0	180	180	180	180				
TOTAL COSTS	224,071	178,037	241,747	0	241,747	0	248,214	251,785	255,434	259,163				
*Percentage Increase over prior year	0.00%	-20.54%	7.89%	0.00%	7.89%	0.00%	2.68%	1.44%	1.45%	1.46%				
Internal Recoveries	0	0	0	0	0	0	0	0	0	0				
Fees Charged	0	0	0	0	0	0	0	0	0	0				
OPERATING COSTS LESS INTERNAL RECOVERIES	224,071	178,037	241,747	0	241,747	0	248,214	251,785	255,434	259,163				
*Percentage Increase over prior year	0.00%	-20.54%	7.89%	0.00%	7.89%	0.00%	2.68%	1.44%	1.45%	1.46%				
FUNDING SOURCES (REVENUE)														
Surplus / (Deficit)		43,104	(43,104)	0	(43,104)	0	0	0	0	0				
Balance C/F from Prior to Current year	(50,034)	(50,034)	(66,980)	0	(66,980)	0	(66,980)	(66,980)	(66,980)	(66,980)				
Revenue - Water Sales	(67,930)	(65,000)	(180)	0	(180)	0	(180)	(180)	(180)	(180)				
Revenue - Other	(130)	(130)	(40,894)	0	(40,894)	0	(86,890)	(90,461)	(94,110)	(97,839)				
User Charges	(40,894)	(40,894)	(151,158)	0	(151,158)	0	(154,050)	(157,621)	(161,270)	(164,999)				
TOTAL REVENUE	(158,988)	(112,954)	(90,569)	0	(90,569)	0	(94,164)	(94,164)	(94,164)	(94,164)				
REQUISITION	(65,083)	(66,083)	39.19%	0	39.19%	0	3.95%	0.00%	0.00%	0.00%				
*Percentage Increase over prior year	0.00%	0.00%	39.19%	0	39.19%	0	3.95%	0.00%	0.00%	0.00%				
NOTE: Capital / Reserve Fund Expenditures PARTICIPANTS:	0	0	0	0	0	0	0	0	0	0				
AUTHORIZED POSITIONS:														
Salaried	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Hourly	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

2.624 - BEDDIS WATER (S.S.I.)

column	Prior Yr v7	Est Act v9	Core v2	#VALUE!	Total	Fcst Yr1 v10	Fcst Yr2 v11	Fcst Yr3 v12	Fcst Yr4 v13
Operating - Costs	88,205	60,414	87,502	0	87,502	89,799	91,743	93,733	95,769
Contract For Services	52,000	42,000	53,040	0	53,040	54,101	55,183	56,286	57,412
Contingency	5,633	0	10,436	0	10,436	9,970	10,515	11,071	11,637
Other Labour	1,310	1,310	1,340	0	1,340	1,370	1,397	1,425	1,454
Corp.Svs & Insurance/Legal	9,179	8,669	9,828	0	9,828	10,426	10,635	10,847	11,064
Operating Labour	16,174	5,425	16,184	0	16,184	16,507	16,837	17,174	17,518
Vehicles	1,573	300	1,604	0	1,604	1,637	1,669	1,703	1,737
Water Quality Oversight/Report	1,728	1,728	1,763	0	1,763	1,798	1,834	1,870	1,908
Travel Expenses	998	750	1,018	0	1,018	1,038	1,059	1,080	1,102
Repairs and Maintenance Costs	5,900	2,300	5,994	0	5,994	6,114	6,236	6,361	6,488
Rentals and Leases	800	200	816	0	816	832	849	866	883
Disposal Costs	10,000	3,500	10,200	0	10,200	10,404	10,612	10,824	11,041
Operating - Other Costs	4,250	4,100	4,285	0	4,285	4,371	4,458	4,547	4,638
Administration & Engineering	13,242	13,032	10,867	0	10,867	11,084	11,305	11,532	11,763
Licences/Surveys/Fees	150	150	184	0	184	187	191	195	199
Water Testing Expenditures	7,600	7,600	7,750	0	7,750	7,905	8,063	8,224	8,389
Utilities & Telecom	1,300	800	1,326	0	1,326	1,363	1,380	1,407	1,435
Electricity	7,000	4,000	7,000	0	7,000	7,283	7,577	7,883	8,202
Supplies - Chemical	6,000	5,200	6,120	0	6,120	6,242	6,367	6,495	6,624
Supplies - Operating	1,000	1,350	1,224	0	1,224	1,248	1,273	1,299	1,325
	88,205	60,414	87,502	0	87,502	89,799	91,743	93,733	95,769
Operating Expenditures - LSA's	145,838	102,414	150,978	0	150,978	153,870	157,441	161,090	164,819
Transfer to Capital Fund	0	0	0	0	0	0	0	0	0
Transfer to Reserve Fund	35,107	35,107	17,268	0	17,268	17,268	17,268	17,268	17,268
Capital Reserve Expenditures	35,107	35,107	17,268	0	17,268	17,268	17,268	17,268	17,268
Debt Expenditures	38,996	36,686	73,021	0	73,021	76,896	76,896	76,896	76,896
MFA Debt Reserve	4,130	3,830	480	0	480	180	180	180	180
Internal Recoveries	0	0	0	0	0	0	0	0	0
Fees Charged	0	0	0	0	0	0	0	0	0
Revenue - Water Sales	(67,930)	(65,000)	(66,980)	0	(66,980)	(66,980)	(66,980)	(66,980)	(66,980)
Revenue - Other	(130)	(130)	(180)	0	(180)	(180)	(180)	(180)	(180)
User Charges	(40,894)	(40,894)	(40,894)	0	(40,894)	(86,890)	(90,461)	(94,110)	(97,839)
Grants In Lieu of Taxes	0	0	0	0	0	0	0	0	0
Revenue	(108,954)	(106,024)	(108,054)	0	(108,054)	(154,050)	(157,621)	(161,270)	(164,999)
Parcel Taxes	(65,083)	(65,083)	(90,589)	0	(90,589)	(94,164)	(94,164)	(94,164)	(94,164)
Funds Carried Forward	(50,034)	(50,034)	(43,104)	0	(43,104)	0	0	0	0
Debit	0	(43,104)	(0)	0	(0)	0	(0)	0	(0)
Total Plan	0	(43,104)	(0)	0	(0)	0	(0)	0	(0)

Service: 2.624 Beddis Water (SSI)

Committee: Electoral Area Services

Year	Taxable Folios	Parcel Tax	By-law No.	Number SFE's	User Charge	By-law No.	Actual Assessments	Converted Assessments
2010	138	\$449.63		127	\$313.00 + Variable consumption charge ****	3688	81,730,443	8,198,004
2011	138	\$449.63		127	\$313.00 + Variable consumption charge ****	3777	80,256,835	8,049,179
2012	138	\$449.63		126	\$324.56 + Variable consumption charge ****	3822	79,241,533	7,945,945
2013	137	\$500.00		126	\$324.56 + Variable consumption charge ****			
2014	137	\$695.95		126	\$324.56 + Variable consumption charge ****		77,141,583	7,735,950

* Parcel Tax Charge - 1st year only (Order In Council - Feb 24, 2005, too late to be included in Parcel Tax process)

*** Base Rate for Water (see above):

- For the first 10,000 lgal or portion
- For the next 10,000 lgal or portion
- For the next 30,000 lgal or portion
- For 50,001 lgal or greater

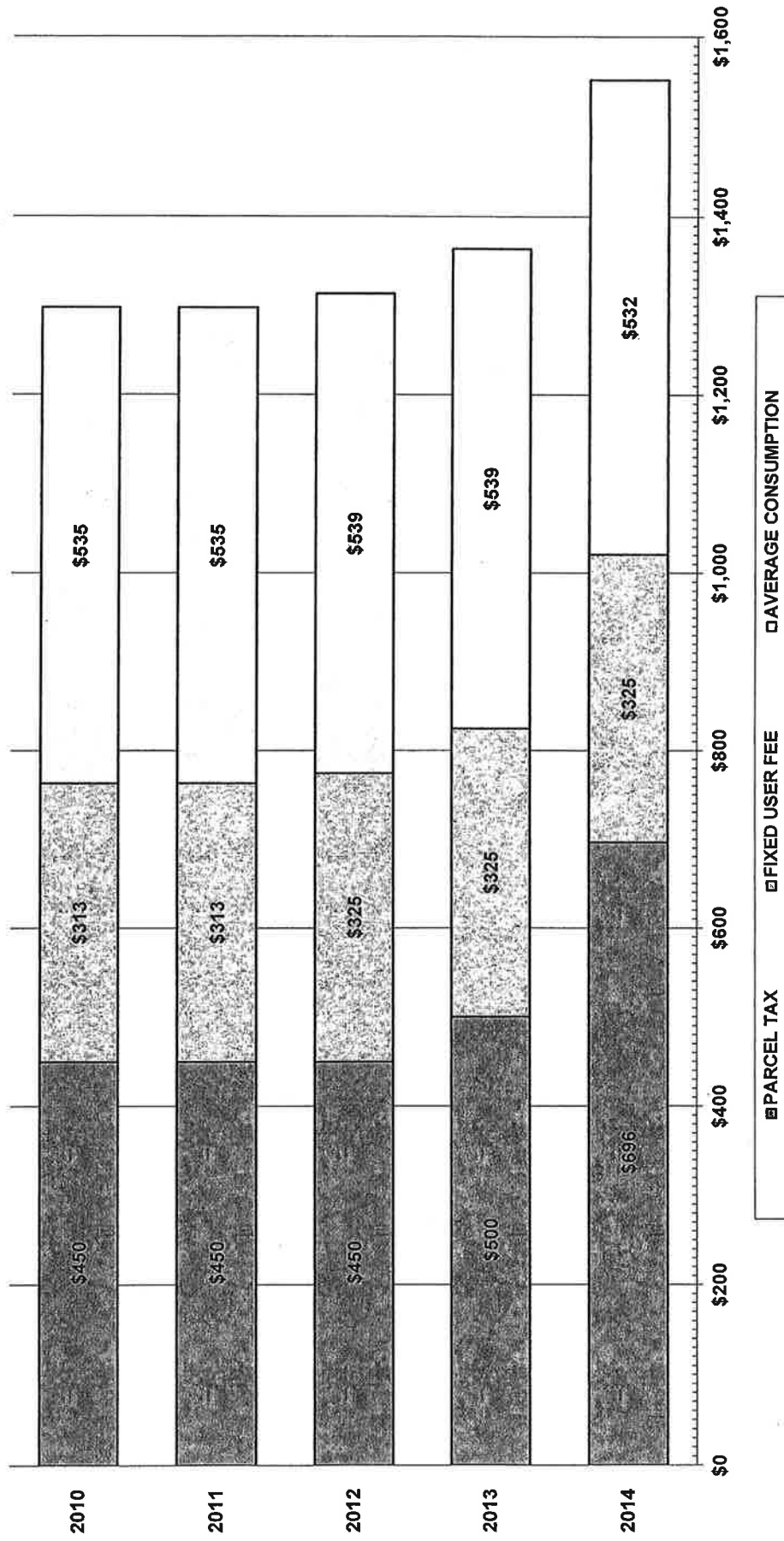
- Base Rate
- Base Rate x 1.33
- Base Rate x 2
- Base Rate x 3.33

**** Variable Consumption Charge (see above):

- First 38 cubic metres or portion
- Next 68 cubic metres or portion
- Greater than 105 cubic metres

- \$2.00 per cubic metre
- \$4.50 per cubic metre
- \$6.00 per cubic metre

CAPITAL REGIONAL DISTRICT BEDDIS WATER (SSI) FUNDING ANALYSIS 2010 - 2014



Actual data 2010-2013, Projected 2014
 Prepared by CRD Finance
 10/23/2013

Service: 2.624 Beddis Water (SSI)

Committee: Electoral Area Services

BEDDIS WATER CAPITAL RESERVE FUND (# 1069):

Balance as at:	December 31, 2012	53,955
Interest (estimate)		721
Transfer to reserve fund		35,107
Transfer from reserve fund		
TOTAL ESTIMATED FUNDS:	December 31, 2013	<u><u>\$89,783</u></u>

Capital Fund Balance - Sept 2013
WLA 3193 - Studies \$13,852
WLA 3825 - (Upgrade) (\$15,659) - Note \$100K borrowing in Nov 2013

**2.624 Beddis Water (SSI)
2014 - 5 YEAR CAPITAL PLAN
(\$'000 - 2014 Dollars)**

Capital Works Description	Cap Type	2014	2015	2016	2017	2018	5 Yr Total	Projected completion cost
Laitman Reservoir Decommissioning	S	30	-	-	-	-	30	
TOTAL		30	-	-	-	-	30	

Funding Source:	2014	2015	2016	2017	2018	5 Yr Total
Reserve Fund	30	-	-	-	-	30
Total Proposed Funding Source	30	-	-	-	-	30

Cap Type:

- B = Buildings
- E = Equipment
- L = Land
- S = Engineering Structures
- V = Vehicles

Beddis Water (SS)

- #1 Lautman Reservoir Decommissioning (2014).....\$30,000
The reservoir is disconnected from the water system and no longer serves the water utility. In order to avoid future liability the reservoir should be removed.