



Utilities



Solid Waste Utility Fund: 2013 to 2014 – Management Recommendation

2013 Contribution to Reserves	\$-92,338
10% Collection Fee Increase	-84,100
MMBC Recycling Incentive	-110,000
Tipping Fee Adjustment	194,000
Changes in Debt Service	230,003
Additional Landfill Diversion Costs	20,000
Reduction in Post Closure Contribution	-420,000
Change in Administrative Allocations	285
Special Project – RFP for Collection Contract	<u>30,000</u>
2014 Proposed Contribution to Reserves	\$-232,150



Solid Waste Utility Fund

- Created in January 2012, variable rate tipping fee introduced, funding for waste reduction projects;
- Closure Liability – funds set aside for progressive closure and post-closure monitor and maintain;
- Capital Reserve for new cells, or transfer station, or ?;
- Debt Service on borrowing for past Capital;
- Waste generated per capita continues to decrease by 16% annually, down to 630kg/person/yr in 2012;
- As waste generated goes down revenue from tipping fees also reduces, revenue must be maintained;



Solid Waste Utility Fund

New Initiatives for 2014

- Increase in waste diversion amounts means more costs to process recyclable materials;
- Tipping fee increase to cover expected costs;
- Anticipated \$110,000 Revenue from MMBC;
- Consultant costs to prepare and manage an RFP for new contracts for the Landfill and Collection;
- SLRD SWMP will direct future reduction options and disposal of residual waste;
- Zero Waste champion needed.



Water Utility Fund: 2013 to 2014 – Management Recommendation

2013 Contribution to Reserves	\$-638,677
Remove non-recurring items	-249,875
10% User Fee Increase	-276,581
Change in Debt Service	235,726
Labour changes and redistributions	-5,542
Change in Administrative Allocations	33,542
Contribution to Equipment Reserve	9,250
Special Projects – Unfunded	45,000
Contribution to Capital	<u>1,346,300</u>
2014 Proposed Draw on Reserves	\$499,153



Water Utility Fund

The Water Utility has an annual expense of just over \$3 million, broken down as follows:

Administration/Operating	\$1,899,015
Debt financing	\$ 374,911
Contribution to reserves	\$ 638,677
Transfers to other accounts	<u>\$ 159,975</u>
Total	\$3,072,578*

*2013 budget numbers



Water Utility Fund

- Pump on average 9 million litres per day from the 7 wells at Powerhouse springs;
- Maintain the 120 km's of water lines (mains) over 11,000 services, two pump stations, 7 reservoirs, 20 PRV stations, and numerous air valves, hydrants, water valves, monitoring equipment, fill stations and 2 emergency surface sources;
- The Utilities staff work closely with Vancouver Coastal Health to ensure we meet all of the requirements under our permit to operate.



Water Utility Fund

New requests for 2014

- 10% increase on rates as part of the five year plan to ensure that infrastructure can be replaced sustainably.

Special projects – funded

Community works funding	\$100,000
Water Master Plan	\$100,000
Well Protection Plan	\$100,000



Water Utility Fund

2014 requests – continued and not yet funded

Special projects

\$45,000

To improve operational processes to better balance the water system and to continue to implement the Well Protection Plan.

Water conservation program

\$32,927

Water system growth – general

\$ 7,504

Water system growth – Crumpet Woods

\$27,979



Sewer Utility Fund: 2013 to 2014 – Management Recommendation

2013 Contribution to Reserves	\$-483,893
Remove non-recurring items	-721,207
10% User Fee Increase	-393,247
Change in Debt Service	113,306
Labour changes and redistributions	9,471
Change in Administrative Allocations	33,254
Contribution to Equipment Reserve	42,727
Chief Operator Waste Water Collections (1 FTE)	101,747
WWTP Upgrade	18,000
Special Projects – Unfunded	146,020
Contribution to Capital	<u>635,000</u>
2014 Proposed Contribution to Reserves	\$-498,822



Sewer Utility Fund – What We Do

- The Sewer Utility collects and treats around 8 million litres of raw sewage daily;
- The Sewer collection system consists of over 100 km's of sewer mains, 22 lift stations (pump raw sewage from low areas), over 1,000 manholes and over 11,000 service connections;
- The Wastewater Treatment plant is classified as a level 3 with EOCP and uses activated sludge to treat the sewage.
 - Some of the processes used at the plant include: dissolved air flotation, centrifuges, polymer injection, grit separators, bar screens, air and fluid handling pumps, plus bio filters.



Sewer Utility Fund

New requests for 2014

- 10% increase on rates as part of the 5 year plan to ensure that infrastructure can be replaced sustainably.

Special projects – funded

Liquid Waste Management Plan	\$50,000
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Carry forward from 2013



Sewer Utility Fund

The Sewer Utility has an annual expense of over \$4 million broken down as follows:

Administration/Operating	\$2,471,525
Debt financing	\$ 611,618
Contribution to reserves	\$ 483,895
Capital expenditures	\$ 624,544
Transfers to other accounts	<u>\$ 164,878</u>
Total	\$4,356,460*

*2013 budget numbers





Sewer Utility Fund

2014 requests – continued and not yet funded

Chief Operator Waste Water Collection **\$101,747**

Sewer regulations have changed in the Waste Water Collection area and the District needs to improve on it's maintenance programs in this area.

WWTP solids handling upgrade - Operating **\$ 7,504**

Sewer system growth – Crumpet Woods **\$13,237**



Management Recommendation: Utilities - Other

- **Growth items not currently included;**
- **Items requested / suggested but not recommended by Management.**