

# 2014 Annual Report

**Skana Water Local Service**

**Annual General Meeting**

**May 13, 2015**

Infrastructure Engineering & Operations

Capital Regional District

**CRD**

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## Presentation Overview



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- Purpose
- CRD Website Information
- Drinking Water Services
- Financial Report



## Purpose of Annual General Meeting

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### The purposes and agenda items of the meeting are:

- To have last year's AGM minutes approved (by Committee members),
- To present reports on the work of the Committee, the past year's operation, maintenance, capital upgrades and financial information to the service area residents and owners,
- To nominate members for appointment to the Committee, and
- To enable the public to share comments on subjects which relate to the work of the Committee,
- The Committee can identify (under "new business") issues on which it wants feedback at the meeting. Motions are not considered from the public at the AGM.



## Skana Water System

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- System description
- Drinking water news
- Water accounts
- Water conservation
- Committee agendas, minutes & reports



# Drinking Water System Website



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<https://www.crd.bc.ca/about/what-we-do/water/southern-gulf-islands-drinking-water/skana-drinking-water>



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CRD Home > About CRD > What we do > Drinking Water > Southern Gulf Islands Drinking Water > [Skana Drinking Water](#)

## What we do

- Affordable Housing
- Animal Care & Control
- Arts Development
- Building Permits & Inspections
- Capital Regional Hospital District
- Community & Public Health
- Community & Recreation
- Docks & Moorage

## Drinking Water

Juan de Fuca Electoral Area

The Skana Water System provides drinking water to a small Water Service Area on Mayne Island. CRD Integrated Water Services is responsible for the overall operation of the water system. The design and construction of water system facilities is overseen by the CRD Infrastructure Engineering and Operations Division. This system is operated by JBL staff under contract to the CRD Infrastructure Engineering and Operations Division. The quality of drinking water provided to customers in the Skana Water System is overseen by the CRD Water Quality Division.



- [Skana Water System Description](#)







Drinking  
Water  
Service

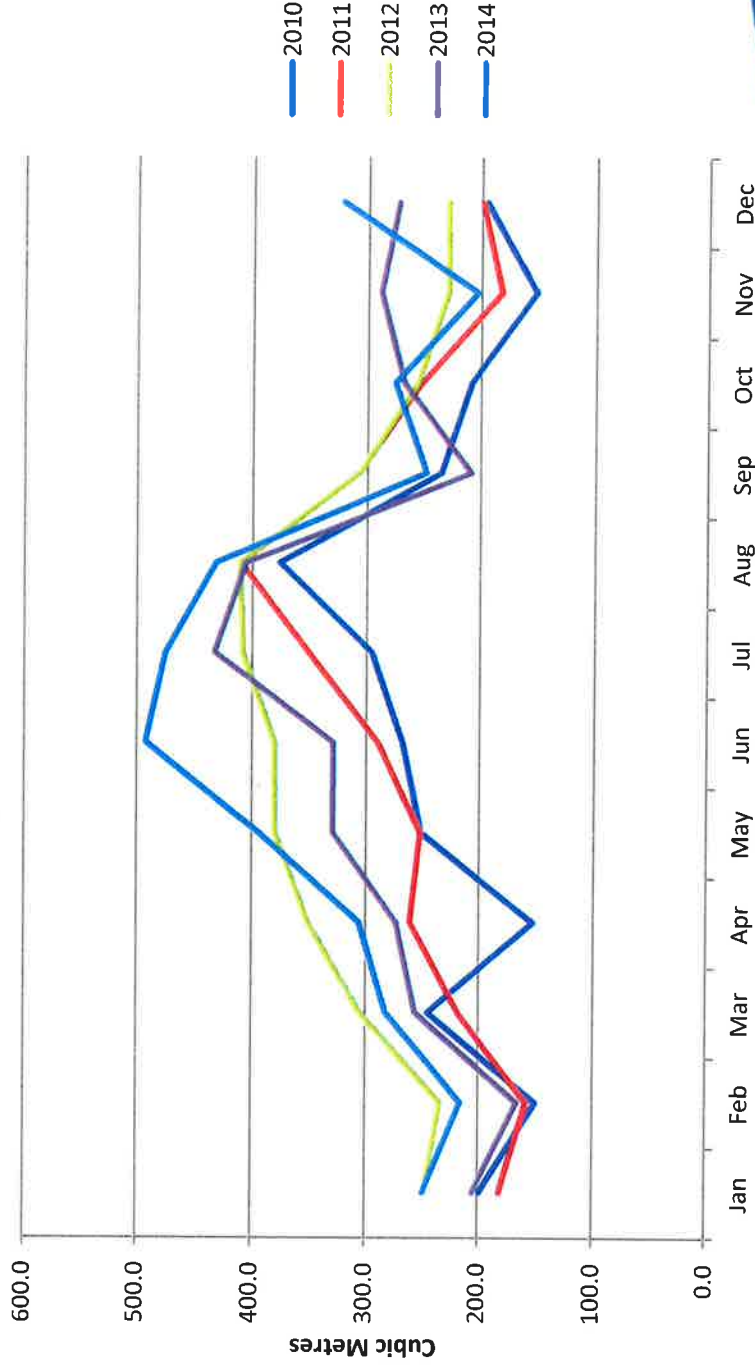
# Drinking Water Supply and Demand



## Supply and Demand

- Water production increased by 14% in 2014 over 2013
- A total of 3,899 m<sup>3</sup> was abstracted from the wells in 2014

Skana Monthly Water Production (cubic metres)





## Drinking Water Supply O&M Activities

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### Skana Water Service

- Preventative maintenance on air release valve near 511 Sandy Hook
- Routine monthly water sampling
- Water service installation for 548 Aya Reach
- Chlorine injection pump rebuild
- Preventative maintenance on all fire hydrants
- Replaced recirculation system flow meter at Well #13
- Replaced failed chlorine residual analyser probe
- Installed water sampling port after ultraviolet light disinfection at Well #13





## Skana Drinking Water System Capital Projects

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### 2014

- There were no major capital improvements completed in 2014.
- Strategic Asset Management Plan (SAMP) process and level-of-service.

### 2015

- 2015 capital budget item to inspect the existing storage tanks for \$10,000.

### Future:

- Implications from SAMP's



## Drinking Water Quality

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### Water Quality

- Well#13 (primary source) and Well#8 (backup source) produced raw water with a pH range from 7 to 8 and a turbidity range from 0.38 to 3.65 NTU (on one occasion > 1 NTU in Well#8). Raw water from Well#13 was free of E. coli and coliform bacteria; Well#8 exhibited on one occasion a low concentration of total coliforms and E. coli..
- The treated water quality was within the *Guidelines for Canadian Drinking Water Quality (GCDWQ)* in 2014 and was bacteriologically safe to drink.
- Disinfection by-products median concentrations (THM's = 75.4 µg/l) remained well below the maximum acceptable concentrations (MAC = 100 µg/l as per GCDWQ) except for a slight exceedance of THM on one occasion.
- Chlorine residual concentrations in the distribution system were adequate with a range from 0.25 to 0.98 mg/l.



# Drinking Water Quality con't...

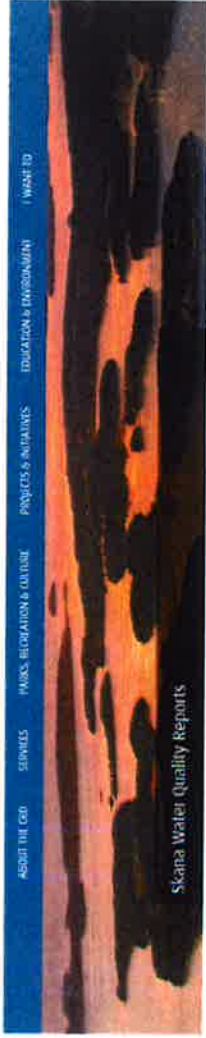


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<https://www.crd.bc.ca/about/data/drinking-water-quality-reports/southern-gulf-islands-water-quality-reports/skana-water-quality-reports>



Capital Regional District



## Skana Water Quality Reports

CRD Home > About CRD > Data > Drinking Water Quality Reports > Skana Water Quality Reports >

### Data

[Drinking Water Quality Reports](#)

[Greena Victoria Water Quality Reports](#)

[Just in Time Water Quality Reports](#)

[Salt Spring Island Water Quality Reports](#)

[Southern Gulf Islands Water Quality Reports](#)

[Evaluation of Resilience and its the Water Quality Tables](#)

[File Website Conditions](#)

[Regional Information](#)

[Stowe Lake Reservoir](#)

[Traffic Counts](#)

The quality of drinking water provided to customers in the Skana Water System is overseen by the CRD Water Quality Division. Water quality samples are collected for the Plant Operations and the data is stored in the Water Quality Division database.

Water Quality Division staff prepare a number of data summaries and water quality reports for the Skana Water System. These reports focus on water quality against the limits listed in the BC Drinking Water Protection Regulation and the Canadian Drinking Water Quality Guidelines. All reports are posted in Adobe Acrobat PDF format.

- BC Drinking Water Protection Regulation
- Canadian Drinking Water Quality Guidelines

### Monthly Water Quality Reports

[Skana Water System](#)   [Monthly Reports](#)   [Previous 4 Weeks](#)   [Year-To-Date \(YTD\) Reports](#)   [Previous 12 Months](#)

[Bacteriological Data](#)   [Monthly Bacteriological Report](#)   [YTD Bacteriological Report](#)

[Physical-Chemical Data](#)

[Monthly Bacteriological Reports](#) are updated weekly and provide test results for the previous 4 weeks.

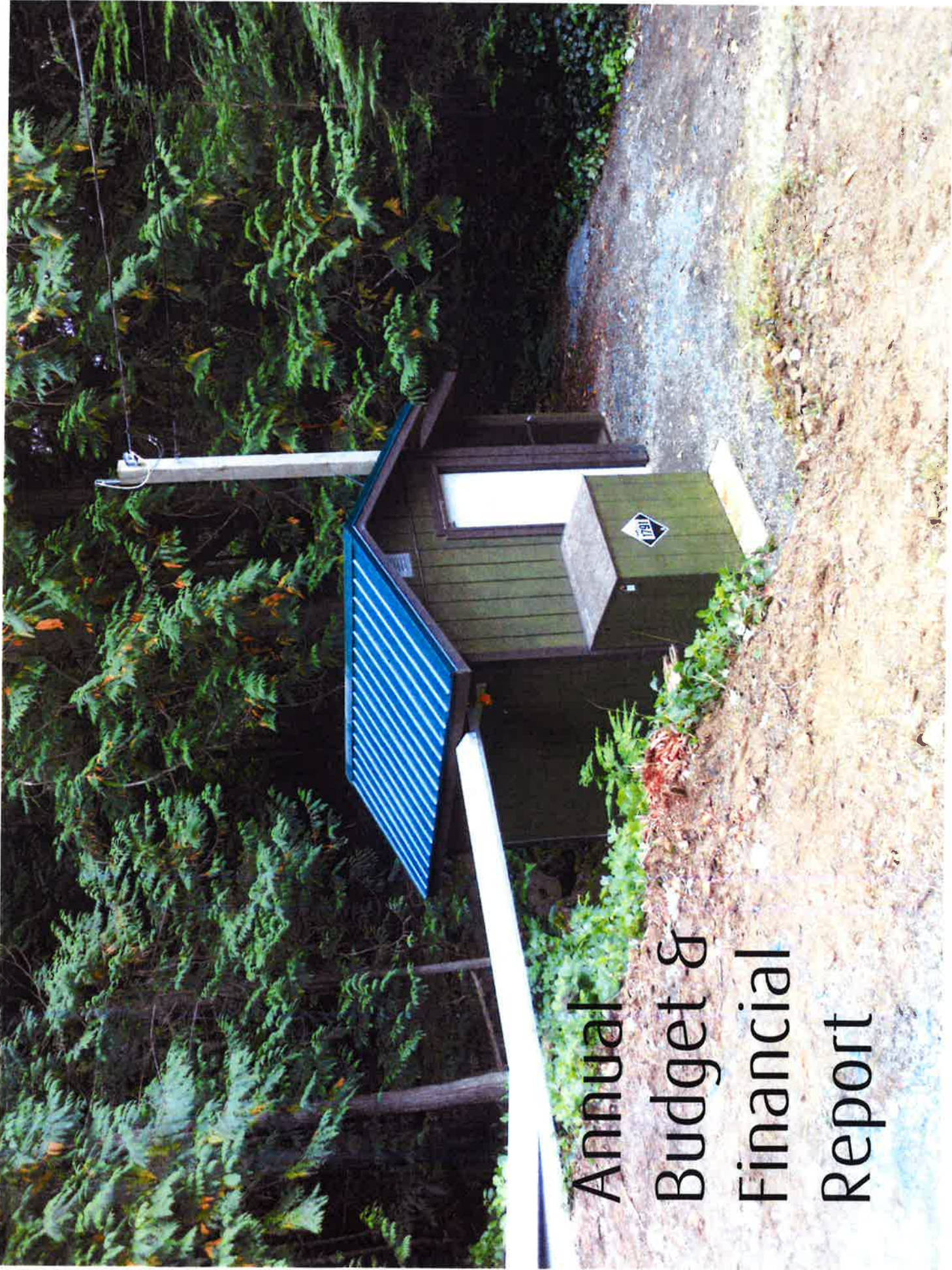
[Year-To-Date Reports](#) are updated at the end of each month and provide a summary of the previous 12 months of data along with summary statistics for each sampling location.

**Note:** Bacteriological samples may not be collected each week from each location (in accordance with the sampling program). This means that some weeks may not have test results for a given parameter in general. There





# Annual Budget & Financial Report





# 2014 Financial Report



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- The 2014 parcel tax and user charge were:
  - Parcel tax: \$279.00
  - User Charge: \$813.00

Revenues in the year totaled \$56,450 (2013 - \$56,390) including:

- \$19,352 of Transfers from government (Parcel taxes)
- \$35,772 of Sale of services (user charges)
- \$377 of Interest earnings, and
- \$949 of other revenue including \$136 in late payment charges.

Expenditures totaled \$57,033 (2013- \$44,377) including:

- \$2,822 of General government services (charges levied by CRD Corporate Services for accounting and billing)
- \$54,211 of Other expenses (borrowing costs for capital work and operating and maintenance costs).

An amount of \$15,727 was transferred to the capital reserve fund, leaving a net difference between revenue and expenditures in 2014 of \$16,310. This amount was deducted from the surplus of \$24,627 carried forward from 2013, leaving a net surplus of \$8,317 which was carried forward to 2015.

The 2015 operating and capital budgets recommended by the Skana Water Service Committee were approved by the CRD Board in March 2015. The approved budget resulted in no change in the Parcel tax or User Charge in 2015.



# Skana Water Supply Statement of Operations (Unaudited) for the Year Ended December 31, 2014



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<b>Revenue</b>	
Transfers from government	\$19,352
Sale of services	35,772
Other revenue from own sources:	
Interest earnings	377
Other revenue	949
<b>Total revenue</b>	<b>\$56,450</b>
<b>Expenses</b>	
General government services	2,822
Other expenses	54,616
Fiscal services	(405)
<b>Total Expenses</b>	<b>\$57,033</b>
<b>Net revenue (expenses)</b>	<b>(583)</b>
Transfer to capital reserve fund	15,727
<b>Surplus (deficit)</b>	<b>(16,310)</b>
Accumulated surplus (deficit), beginning of year	24,627
<b>Accumulated surplus, end of year</b>	<b>\$8,317</b>



- Questions

