

# WILDERNESS MOUNTAIN WATER SERVICE COMMISSION

Notice of Annual General Meeting on Thursday, November 10, 2016 at 7 p.m. Old East Sooke Fire Hall 1397 Coppermine Road, East Sooke, BC

Rob Hancock (Chair)

Director Mike Hicks Shawn Williamson

Chuck Taylor

#### **AGENDA**

- 1. Approval of Agenda
- Adoption of Minutes of the Annual General Meeting of October 5, 2015 2.
- 3. Chairs Report
- 4. 2015 Annual Report and Presentation

(information report)

- 5. **Election of Commission Members**
- 6. **New Business**
- 7. Adjournment

To ensure quorum, advise Lorrie Siemens 250.360.3087 or Isiemens@crd.bc.ca if you cannot attend.



Minutes of the Annual General Meeting of the Wilderness Mountain Water Service Commission

Held Monday, October 5, 2015 at the East Sooke Fire Hall, 1397 Coppermine Road, Sooke, BC

PRESENT: Committee Members: Y. Shap (Chair), R. Hancock, C. Taylor

**Staff**: M. Cowley, Acting Senior Manager, Infrastructure Engineering, S. Mason, Manager, Water Engineering and Planning, T. Scaber, Manager, Water System Operations, V, Deane, Manager, Water Treatment Operations, L. Siemens

(recorder)

10 Members of the Public

**ABSENT:** Director M. Hicks

The meeting was called to order at 7 pm.

### 1. Approval of Agenda

**MOVED** by R. Hancock, **SECONDED** by C. Taylor, That the agenda be approved as distributed.

CARRIED

# 2. Adoption of Minutes of Annual General Meeting of November 24, 2014

**MOVED** by C, Taylor, **SECONDED** by Y. Shap, That the minutes of November 24, 2014 be adopted as previously circulated.

CARRIED

# 3. Chair's Report

Chair Shap presented a written report. A copy of the report will be attached to the minutes.

**MOVED** by R. Hancock, **SECONDED** by C. Taylor, That the Chair's report be received for information.

CARRIED

#### 4. Annual Report

M. Cowley presented a written report and provided a hard copy of a PowerPoint presentation to accompany the written report.

The following topics were addressed:

- Purpose of Annual General Meeting
- System Overview
- Water Supply and Consumption
- Drinking Water Quality
- Operations

- Capital Improvements
- Financial Report

CRD staff and commission members responded to questions from the pubic.

**MOVED** by R. Hancock, **SECONDED** by C. Taylor, That the annual report be received for information.

# **CARRIED**

#### 5. Election of Commission Members

Chair Shap advised that R. Hancock's term will expire in December 31 and an election will be held to fill the position for a term beginning January 1, 2016 and expiring on December 31, 2017. He then called for nominations. R. Hancock was nominated and agreed to stand. Nominations were called for two more times and hearing none, R. Hancock was elected by acclamation. His name will be forwarded to the CRD Board for appointment.

#### 6. New Business

Staff were requested to:

- Ensure the lock to the access gate to Wilfred Treatment Plant is secured tightly after each use.
- Investigate if a tree growing behind the old pump house should be removed.
- Investigate removal of trees by BC Hydro on access road to the treatment plant.

# 7. Adjournment

The meeting was adjourned at 8 pm.





Making a difference...together

# WILDERNESS MOUNTAIN WATER SERVICE 2015 ANNUAL REPORT THURSDAY, NOVEMBER 10, 2016

#### **Purpose of the Annual General Meeting**

The agenda for the Annual General Meeting (AGM) is approved by the members of the Commission. The purposes (and hence the agenda items) of the meeting are:

- To have the last year's AGM meeting minutes approved (by the Committee members);
- To present reports on the work of the Committee, the past year's operation, maintenance, capital upgrades and financial information of the service to the service residents and owners;
- To nominate members for appointment to the service Committee;
- To enable the public to share comments on subjects which relate to the work of the Committee;
   and

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.

#### System Overview

The Wilderness Mountain Water Service (WMWS) was established in the early 1980's. The service area consists of 83 parcels, of which 70 have water service connections. The system was operated and maintained by a private company until converted into a Capital Regional District (CRD) service in 2009. Conditional to becoming a CRD service, upgrades to the water system to meet current drinking water quality guidelines were required.

The source of water for the WMWS is Wilfred Reservoir, a small surface water body created by the construction of two dams. Prior to the upgrade works, water drawn from the reservoir was disinfected with chlorine, then the water was pumped into the distribution system which is comprised of a network of polyvinyl chloride (PVC) water mains. Approximately 55,000 imperial gallons of treated water storage is maintained in two tanks located on Ambience Way.

The treatment facility commissioned in 2012, provides a three step treatment process that includes coarse filtration, ultraviolet radiation, and chloramination (ammonia and chlorine) disinfection. Chloramination and the production of chloramines provide a long lasting disinfectant residual in the distribution system, lower chlorinous taste and lower disinfection byproducts (such as trihalomethanes).

#### **Water Supply and Consumption**

2015 saw a total metered volume of 17,279 m³ extracted from the Wilfred Reservoir, a 3.5% decrease over the recorded 2014 volume of 17,913 m³. Due to only partial recordings, a 2012

total volume is unavailable for comparison. The water supply trend for the Wilderness Mountain system is shown in **Figure 1**. The decrease shown for 2015 may be due to voluntary water conservation during the very dry summer.

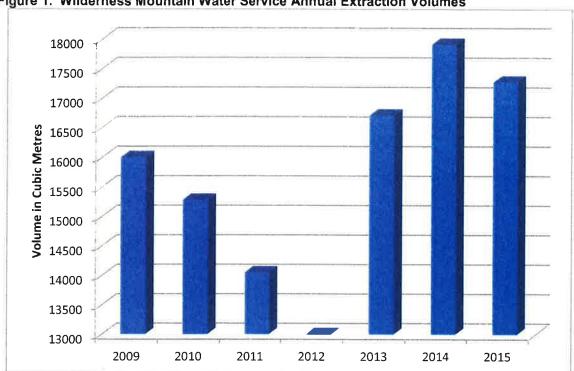


Figure 1. Wilderness Mountain Water Service Annual Extraction Volumes

Although the majority of customer connections are metered (original to the subdivision in the 1980's), the meters have not been read regularly because they may not be accurate and are not used for billing. Therefore, since individual customer consumption is unknown, the amount of non-revenue water is also unknown. Non-revenue water is typically used for operational and treatment process purposes such as water main flushing, and reservoir cleaning. Non-revenue water also includes water lost to leakage in the distribution system, including private side connections and fire-fighting activities.

The 2015 annual consumption per connection is 17,279 m<sup>3</sup> divided by 70 connections which equals 247 m<sup>3</sup> per connection. However, deducting an amount for system losses, (assumed at 20%), the estimated annual consumption per connection is closer to 197 m<sup>3</sup>.

#### **Drinking Water Quality**

In 2015, bacteriological samples were collected once every two weeks with the results summarized below. Additional samples for a variety of other water quality parameters were collected and analyzed at appropriate frequencies ranging from bi-weekly to annually. In general, the Wilderness Mountain Water System was able to provide safe drinking water to its customers year-round. There have been a few episodes of elevated turbidity (treated water over 1 NTU) due to natural processes taking place in the source lake. All of these episodes occurred during the peak demand summer season (July).

Typical Wilderness Mountain Water System water quality characteristics for 2015 include:

#### **Raw Water Entering the Treatment Plant**

Bacteriological results:

- The total coliform bacteria median of 225 colony forming units (CFU) per 100 mL and a range from 19 to 1160 CFU/100 mL is within the expected range for a water body such as Wilfred Reservoir.
- E. coli bacteria median of 0 CFU/100 mL and ranging from 'Not Detectable" to 4 CFU/100 mL, meets the US Environmental Protection Agency limit of 20 E coli in at least 90% of the samples to remain an unfiltered surface water supply.
- Source water turbidity (cloudiness) is usually below the limit of 1 NTU (median of 0.91 and ranged from 0.50 to 1.77 NTU). The times when the raw water turbidity exceeded 1 NTU are typically characterized by either algal or zooplankton blooms in the summer. The typical heavy rainfall and runoff events during the fall season does not seem to have the same impact on turbidity in 2015 as in previous years as no turbidity excursion > 1 NTU was recorded in the fall of 2015.
- Total organic carbon is moderate to high at 5.10 milligrams per litre (mg/L).
- Giardia or Cryptosporidium parasites were absent in the only sample collected in 2015.
- The lake water has naturally high iron and manganese concentrations (may cause aesthetic issues but no health concerns).
- The raw water is characterized as very soft (median hardness: 16.7 mg/L), slightly acidic (pH 6.47) and high in natural colour (median 13.5 True Color Units (TCU), as compared to the Guidelines for Canadian Drinking Water Quality (GCDWQ) aesthetic objective (AO) for treated drinking water colour of < 15 TCU).</li>

#### **Treated Water in the Distribution System**

- The treated water in the distribution system is safe to drink. Although there were three positive total coliform samples, the confirmatory samples all tested negative for total coliforms.
- 5 treated water samples exhibited an elevated turbidity between 1 and 2 NTU. Most of these samples were collected in July 2015 and the higher than normal turbidity is likely due to an algal or zooplankton bloom in Wilfred Reservoir. The 2015 water testing budget did not allow for additional source water testing, which would have been necessary to determine the actual cause of these events.
- Disinfection by-products (total trihalomethanes and haloacetic acids) in the distribution system remained well below the permissible limits in 2015.
- Treated water colour ranged from 8.0 to 17.0 TCU and therefore occasionally exceeded the GCDWQ AO of <15 TCU. Manganese concentrations also occasionally exceed the AO of 50 μg/L which would have contributed to any discolouration of the treated water.

While these exceedances are undesired and a nuisance, they do not pose a health risk to the customers.

Routine water quality data is posted on the CRD website at:

https://www.crd.bc.ca/about/data/drinking-water-quality-reports/juan-de-fuca-water-quality-reports/wilderness-mountain-water-quality-reports

#### Operations 2015

The WMWS operated reliably in 2015. Operation and maintenance activities in 2015 included:

- Hydrant teardowns of all hydrants in the system
- Cleaned both water storage tanks
- Repaired the road to the storage tanks
- Routine water sampling
- Periodic security checks of the reservoirs
- Responding to customer issues
- Leak checks and repair various
- Dam maintenance (minor)
- Calibration of turbidity meter
- Twice weekly filter maintenance and replacement as required
- Twice weekly disinfectant chemical addition
- Twice weekly maintenance of UV system and disinfectant chemical feed pumps
- Weekly sampling of raw and disinfected water at various sampling locations
- Recording of reservoir levels
- Twice weekly recording of disinfectant residual values at various sampling locations
- Daily remote monitoring of water production through disinfection plant
- Daily remote monitoring of tank levels (finished water reservoirs) (mid June 2015).

#### Capital Improvements

The 2015 capital budget included dam safety upgrades related to the Wilfred Reservoir including:

- Installation of a set of stairs for the operators to access the dam safely to complete inspections
- Work related to the lower level outlet valve
- Removal of trees
- Preparation of the Operation, Maintenance and Surveillance Manual and the Emergency Preparedness Plan which are requirements of the *Dam Safety Regulation*
- Installation of Phase 1, of the Supervisory Control and Data Acquisition (SCADA) equipment.

In addition a new antenna at the pump house was installed and "No Trespassing" signs were added at strategic locations (operating budget).

At its' meeting of July 31, 2015, the Commission received the draft Strategic Asset Management Plan in which several 2016 capital projects were brought forward including the following:

- <u>SCADA Upgrade</u>, Phase 2 (\$36,250)
- <u>Undertake Improvement to Intake Pump (\$2,500)</u>

- Chemical Metering Pump (\$2,000)
- Installation of a flushing saddle assembly (\$4,000)
- William Brook Reservoir Transfer Agreement (\$2,500)

Proposed future capital improvements are identified in the 2017 Capital and Operating Budget document (including the five year capital plan) presented to the Commission at its October 28, 2016 meeting.

# **Financial Report**

#### 2015 Financial Report

The 2015 parcel tax and user charge were:

Parcel Tax: \$853.94 User Charge: \$613.43 Water Rate: \$216.00

Attached is a *Statement of Operations* as prepared by CRD Finance for 2015. The statement provides an overview of the revenues and expenditures for the year.

## Revenues totalled \$124,986 including:

- \$66,530 Transfers from government (parcel taxes)
- \$15,120 Water Sales
- \$42,941 *User Charges*
- \$240 Interest earnings
- \$155 Other revenue including late payment charges.

#### Expenses totalled \$103,849, including:

- \$4,140 for *General government services* (charges by CRD Corporate Services for accounting and billing)
- \$62,201 for *CRD labour and operating* costs for CRD staff time and for the cost of equipment, tools and vehicles
- \$23,667 for *debt servicing* costs
- \$13,841 for *Other expenses* (comprised of electricity, insurances supplies, electricity, water testing etc.)

The difference between revenue and expenditures in 2015 is a net revenue of \$21,137. This was added to the surplus of \$12,050 carried forward from 2014. \$12,187 was transferred to the capital reserve fund, leaving \$21,000 carried forward as revenue to 2016.

The balance in the capital reserve fund at December 31, 2015 was \$140,386.

The 2016 operating and capital budgets recommended by the Wilderness Mountain Water Service Committee were approved by the CRD Board in March 2016. The approved budget resulted in the following fees and charges for 2016:

Parcel Tax: \$584.39/parcelUser Charge: \$613.43/SFEWater Sales: \$216.00/SFE

lan Jesney, P.Eng.

Senior Manager, Infrastructure Engine Fing

Matthew McCrank, M.Sc., P.Eng.

Senior Manager, Infrastructure Operations

Glenn Harris, Ph.D., R.P.Bio

Senior Manager, Environmental Protection

Amber Genero, MA, CPA, CMA

A/Manager, Financial Planning & Analysis

GP/PD/TS/SM:Is

Attachment: 1

# Wilderness Mountain Water 2015 Financial Summary



| Revenue         2015         2014           Water sales         15,120         15,120           Transfers from government         66,530         63,242           User charges         42,941         39,656           Other revenue from own sources         240         73           Interest earnings         240         73           Other revenue         155         158           Transfer from Maintenance Reserve Account         2         -           Total revenue         124,986         118,250           Expenses         4,140         5,626           CRD labour and operating costs         62,201         59,237           Debt servicing costs         23,667         23,675           Other expenses         13,841         17,662           Total expenses         103,849         106,200           Net revenue (expenses)         21,137         12,050           Transfers to own funds         2         12,187         1           Capital Reserve Fund         12,187         1           Maintenance Reserve Account         -         -           Annual surplus (deficit)         8,950         12,050           Accumulated deficit, beginning of year         \$ 21,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | e e                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|
| RevenueWater sales15,12015,120Transfers from government66,53063,242User charges42,94139,656Other revenue from own sources1Interest earnings24073Other revenue155158Transfer from Maintenance Reserve AccountTotal revenue124,986118,250ExpensesGeneral government services4,1405,626CRD labour and operating costs62,20159,237Debt servicing costs23,66723,675Other expenses13,84117,662Total expenses103,849106,200Net revenue (expenses)21,13712,050Transfers to own funds21,13712,050Capital Reserve Fund12,187-Maintenance Reserve AccountAnnual surplus (deficit)8,95012,050Accumulated deficit, beginning of year12,050-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2015                | 5 2014   |
| Transfers from government User charges Other revenue from own sources Interest earnings Other revenue Interest earnings In | Revenue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |          |
| Transfers from government User charges User charges Other revenue from own sources Interest earnings Other revenue Interest earnings Interest ea | Water sales                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 15.120              | ) 15.120 |
| User charges Other revenue from own sources Interest earnings Other revenue Interest earnings Interest e | Transfers from government                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     | ,        |
| Other revenue from own sources Interest earnings Other revenue 155 158 Transfer from Maintenance Reserve Account Total revenue 124,986  Expenses General government services CRD labour and operating costs Debt servicing costs Other expenses 13,841 17,662 Total expenses  Net revenue (expenses) Transfers to own funds Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  Assertion 155 158 73 6240 73 62,201 59,237 62,201 59,237 159,237 17,662 17,662 17,662 17,662 17,662 17,137 12,050 12,050 12,050 12,050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | User charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     | ·        |
| Other revenue Transfer from Maintenance Reserve Account Total revenue  Expenses General government services CRD labour and operating costs Debt servicing costs Other expenses Total expenses Total expenses  Net revenue (expenses) Transfers to own funds Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  155 158 158 158 158 158 158 158 158 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Other revenue from own sources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ,                   | /        |
| Transfer from Maintenance Reserve Account Total revenue  Expenses  General government services CRD labour and operating costs Debt servicing costs Other expenses Total expenses  Net revenue (expenses) Transfers to own funds Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  Alternative States S | Interest earnings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 240                 | 73       |
| Total revenue124,986118,250Expenses4,1405,626CRD labour and operating costs62,20159,237Debt servicing costs23,66723,675Other expenses13,84117,662Total expenses103,849106,200Net revenue (expenses)21,13712,050Transfers to own funds21,187-Capital Reserve Fund12,187-Maintenance Reserve AccountAnnual surplus (deficit)8,95012,050Accumulated deficit, beginning of year12,050-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Other revenue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 155                 | 158      |
| Expenses  General government services 4,140 5,626 CRD labour and operating costs 62,201 59,237 Debt servicing costs 23,667 23,675 Other expenses 13,841 17,662 Total expenses 103,849 106,200  Net revenue (expenses) 21,137 12,050  Transfers to own funds Capital Reserve Fund 12,187 Maintenance Reserve Account  Annual surplus (deficit) 8,950 12,050  Accumulated deficit, beginning of year 12,050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Transfer from Maintenance Reserve Account                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     | · ·      |
| General government services CRD labour and operating costs Debt servicing costs Other expenses Total expenses Total expenses  Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  Annual surplus (deficit) Accumulated deficit, beginning of year  4,140 5,626 62,201 59,237 23,675 23,675 13,841 17,662 103,849 106,200  21,137 12,050 12,050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Total revenue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 124,986             | 118,250  |
| General government services CRD labour and operating costs Debt servicing costs Other expenses Total expenses Total expenses  Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  Annual surplus (deficit) Accumulated deficit, beginning of year  4,140 5,626 62,201 59,237 23,675 23,675 13,841 17,662 103,849 106,200  21,137 12,050 12,050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |
| CRD labour and operating costs  Debt servicing costs  Other expenses  Total expenses  Net revenue (expenses)  Transfers to own funds  Capital Reserve Fund  Maintenance Reserve Account  Annual surplus (deficit)  Accumulated deficit, beginning of year  Accumulated deficit, beginning of year  62,201  59,237  23,667  23,675  13,841  17,662  103,849  106,200  12,050  12,050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |          |
| Debt servicing costs Other expenses Other expenses Total expenses Total expenses  Net revenue (expenses) Transfers to own funds Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  23,667 23,675 13,841 17,662 103,849 106,200  12,050  12,050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4,140               | 5,626    |
| Other expenses Total expenses 13,841 17,662 103,849 106,200  Net revenue (expenses) Transfers to own funds Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  Accumulated deficit, beginning of year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 62,201              | 59,237   |
| Total expenses  103,849 106,200  Net revenue (expenses) Transfers to own funds Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  103,849 106,200  21,137 12,050  8,950 12,050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 23,667              | 23,675   |
| Net revenue (expenses) Transfers to own funds Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  21,137 12,050 12,050 12,050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | '                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 13,841              | 17,662   |
| Transfers to own funds Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  Assurante band of the first surplus (deficit)  Accumulated deficit, beginning of year  Assurante band of the first surplus (deficit)  Compared to the first surplus (deficit)  Assurante band of the first surplus (defi | Total expenses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 103,849             | 106,200  |
| Transfers to own funds Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  Assurante band of the first surplus (deficit) 12,050 12,050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |
| Capital Reserve Fund Maintenance Reserve Account  Annual surplus (deficit) Accumulated deficit, beginning of year  Accumulated deficit, beginning of year  Accumulated deficit (deficit) A |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 21,137              | 12,050   |
| Annual surplus (deficit)  Accumulated deficit, beginning of year  Accumulated deficit and the  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |
| Annual surplus (deficit)  Accumulated deficit, beginning of year  12,050  -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <sub>3</sub> 12,187 | 3        |
| Accumulated deficit, beginning of year 12,050 -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Maintenance Reserve Account                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | :=                  | S        |
| Accumulated deficit, beginning of year 12,050 -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | a a series a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |          |
| A garage of a band of the first | A SECTION OF SECTION O | 8,950               | 12,050   |
| Accumulated surplus, end of year \$ 21,000 12,050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12,050              | -        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Accumulated surplus, end of year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$ 21,000           | 12,050   |