



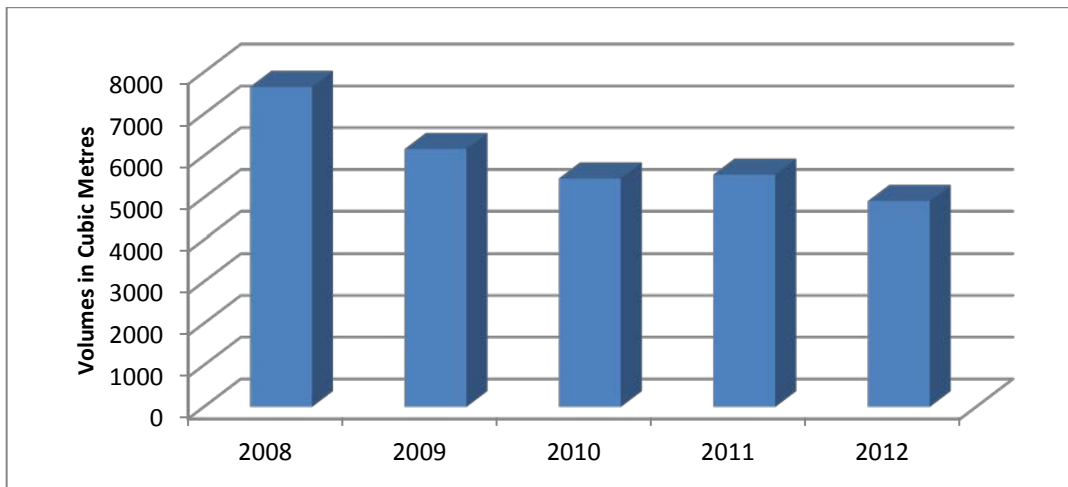
Making a difference...together

**STICKS ALLISON WATER SERVICE
2012 ANNUAL REPORT
August 17, 2013**

Water Supply and Demand

A total of 4,913 cubic metres (m³) of water was drawn from the Sticks Allison well in 2012, a significant 11% less than in 2011, and 36% less than in 2008. Total annual water production since 2008 is shown in **Figure 1**.

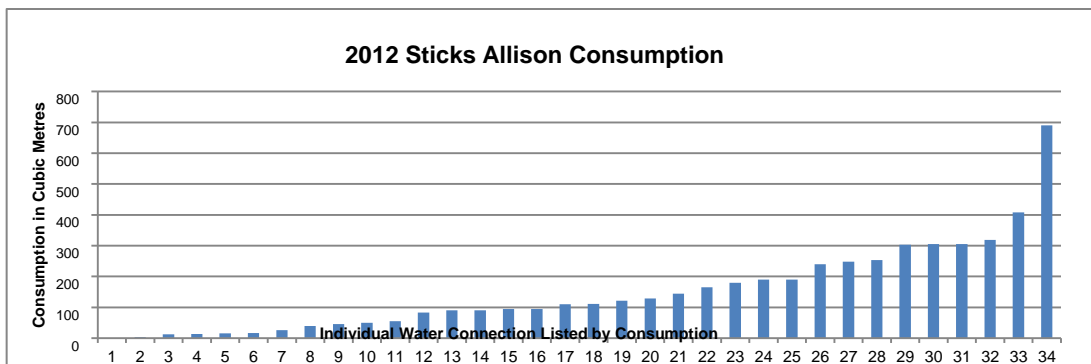
Figure 1. Total Sticks Allison Water Production 2008 – 2012



The reduced water consumption in the community since 2008 is likely attributable to repaired leaks in the distribution system and private-side plumbing and conservation efforts on the part of the community.

Total metered usage by customers of the Sticks Allison Water Service in 2012 was 4,476 m³, approximately 13% less than 2011's measured consumption of 5,143 m³ and close to 2010's 4,645 m³. Annual consumption by customers, listed in order of increasing volume consumed, is shown in **Figure 2** below.

Figure 2. Sticks Allison 2012 Annual Consumption by Connection



The difference between production and total metered consumption (non-revenue water) includes distribution system leaks, system maintenance (e.g. water main flushing), any unauthorized connections (theft), fire fighting and meter inaccuracy. Non-revenue water decreased from 2,216 m³ in 2008 to 437 m³ in 2012. In 2012, the non-revenue volume was 9% of total annual production.

Water Quality - 2012

In 2012, Sticks Allison drinking water quality was within the *Guidelines for Canadian Drinking Water Quality (GCDWQ)*. Water quality characteristics include:

- The disinfected drinking water was bacteriologically safe to drink
- The water is relatively soft with a slightly alkaline pH
- Total trihalomethanes (by-products of organic material reacting with chlorine in the treated drinking water) was below the GCDWQ limit of 100 micrograms per litre
- Metals were typically below limits
- Parasites were not detected in the source water
- Chlorine residuals were maintained within guidelines and industry best practices.

Operations - 2012

The Sticks Allison water system continues to operate reliably. Significant activities included:

- Replaced UV disinfection lamp
- Upgrades to SCADA system alarm
- Cleaned chlorine tank
- Completed system air valve maintenance
- Cleaned sludge from chlorine tank
- Discovered two private service leaks – owners notified Sept - Nov

Incidental works included building and grounds maintenance and water quality testing. A July storm caused damage to the SCADA electronics which was promptly repaired; the system remains fully operational. The cost to complete the works was within the approved 2012 Sticks Allison operating budget.

Financial Report - 2012

Attached is a copy of the *Statement of Financial Activities (Unaudited)* as prepared by CRD Finance and Corporate Services for the year 2012. The statement provides an overview of the revenues and expenses for the year.

Revenue includes parcel taxes (*transfers from government*) and user fees (*sale of services*), and small amounts for interest on savings and miscellaneous revenue such as late payment charges (*other revenue*). *Expenses* include all costs of providing the service. *General government services* include budget preparation, financial management, utility billing and risk management services. *Other fiscal services* include administration costs for loans. *Other expenses* include the cost to administer and operate the water system and the payments on borrowing to finance capital projects.

The difference between *revenue* and *expenses* is reported as *net revenue (expense)*. Any transfers to or from capital or reserve accounts for the service (*transfers to own funds*) are deducted from this amount and it is then added to any surplus or deficit carry forward from the

prior year, yielding an *Accumulated surplus* (or deficit) that is carried forward to the following year.

The Sticks Allison 2012 revenue of \$45,080 and expenses of \$43,489 yielded net revenue of \$1,591. There were no transfers to or from capital or reserve accounts, so the surplus of \$1,591 was applied to the opening deficit balance of \$1,142 yielding a closing surplus of \$449, which was carried forward to 2013.

On December 31, 2012, the Sticks Allison Water Service held \$1,219 in the Capital Reserve Fund and \$12,851 in the Capital Fund.

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Concurrence

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