

KALEDEN IRRIGATION DISTRICT

WATER QUALITY REPORT 2015

This report is submitted to our customers as per the requirement of the *Safe Drinking Water Act*, which came into effect May 2003.

QUANTITY OF WATER PUMPED 2015	398,376,087 USG
MAXIMUM DAILY DEMAND (July 04, 2015)	4,141,528 USG
MINIMUM DAILY DEMAND (November 20, 2015)	63,644 USG

Total Coliform and E-Coli Bacterial Testing Sample Locations:

KALEDEN GENERAL STORE	9
PINEVIEW NORTH END	11
LINDEN SOUTH END	8
KALEDEN DISTRICT OFFICE	8
PUMPHOUSE	8
KALEDEN SCHOOL	1
KALEDEN PARK	2
KALEDEN RESTAURANT	4
SUMAC AVENUE	1
ARLAYNE ROAD	1
TOTAL SAMPLES TAKEN	53

There were no positive E-COLI samples.

Total and free chlorine residuals were tested at the above locations on a weekly basis. Turbidity and chlorine residual is monitored at the pump station. The average monthly results are as follows:

<u>MONTH</u>	<u>FREE CHLORINE RESIDUAL</u>	<u>TURBIDITY</u>
JANUARY	0.69	0.17
FEBRUARY	0.68	0.17
MARCH	0.49	0.19
APRIL	0.69	0.19
MAY	0.66	0.22
JUNE	0.66	0.16
JULY	0.65	0.20
AUGUST	0.65	0.21
SEPTEMBER	0.65	0.21
OCTOBER	0.70	0.17
NOVEMBER	0.65	0.14
DECEMBER	0.55	0.15
YEARLY AVERAGE	0.64	0.23

TOTAL LBS. OF CHLORINE USED IN 2015: 5245 LBS.

We had one Comprehensive Water Analysis performed in NOVEMBER 2015. This includes chemical parameters from PH to Sulphate and mineral parameters from Aluminum to Zirconium. The results were all within acceptable levels of the Canadian Safe Drinking Water Guide. These results are on file at the office.

The District has an Emergency Response Plan approved by the Interior Health Authority and is on file at the District office.

The District will be continuing their Cross Connection Control Program to eliminate cross connections or ensure that the appropriate backflow preventers are installed. This includes agricultural, commercial and underground irrigation systems.

If there are any questions or concerns, please feel free to drop by the office any weekday morning from 9am to 12 noon, except Tuesdays & Fridays or call 497-5407.

*Information on the District and its operation can
be found on our website at:
www.kaledenirrigation.com*