

DRINKING WATER QUALITY REPORT 2024

EXECUTIVE SUMMARY

Delta has produced an annual report regarding the health of the water distribution and supply system since 2000. The 2024 Drinking Water Quality Report fulfills the requirements of the British Columbia Drinking Water Protection Act¹ by providing an overview of the water system, discussing individual component maintenance, describing the unique features of our system, and summarizing the results of the water quality testing program. Specifically, this report is produced to satisfy a requirement of the Drinking Water Protection Regulation, May 2003 (Amended 2018), Section 11.

In summary, Delta undertook the following works in 2024:

- Exercised over 6,000 flow control valves;
- Maintained approximately 3,300 fire hydrants;
- Flushed the entire water distribution system;
- Maintained 45 pressure reducing stations;
- Maintained 3 pump stations;
- Maintained 416 air valves;
- Conducted 121 water quality investigations, initiated by residents, for water-related questions/concerns;
- Replaced approximately 3.0 kilometres of watermain with new mains of superior quality material and upgraded pipe diameters, if required, to provide required fire flows;
- Collected and processed approximately 1,265 water quality samples from 33 test locations throughout Delta's water distribution system;
- Conducted quarterly detailed physical and chemical analysis on Delta's well water;
- Repaired 7 watermain breaks without compromising our water system;
- Saved approximately \$320,000 by introducing water from the wells located near Watershed Park into our distribution system; and
- Cleaned and inspected Watershed Park Reservoir;

We take our responsibility as a water purveyor seriously and proudly. We maintain a system that consistently meets the provincial drinking water quality requirements set out in the Drinking Water Protection Regulation. This provides Delta residents and businesses with a consistent supply of high-quality drinking water.

We trust you will find the information provided in this report to be of interest, and that it demonstrates our commitment to delivering this precious resource.