



AERIAL OVERVIEW



DESIGNED FOR SUSTAINABILITY

LEED® GOLD BUILDING

The Seymour-Capilano Filtration Plant follows LEED®, an international green building certification system committed to improving energy savings, water efficiency, and CO<sub>2</sub> emissions reduction. LEED® features are incorporated in all areas of the building and process.

The LEED® green building rating system is a third-party certification program and an internationally accepted benchmark for the design, construction and operation of high performance green buildings.



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WORLD CLASS DRINKING WATER  
 Metro Vancouver's  
 Seymour-Capilano Filtration Plant

Metro Vancouver's drinking water comes from reservoirs in three watersheds – Capilano, Seymour and Coquitlam. The Seymour-Capilano Filtration Plant (SCFP) treats water from both the Seymour and Capilano sources.

The plant is located in the Lower Seymour Conservation Reserve, and is the largest water filtration plant in Canada. It began distributing water to the residents of Metro Vancouver in December 2009, and has the capacity to produce up to 1.8 billion litres per day.

The primary objective of the filtration plant is the removal of particulates, organic matter and micro-organisms that are naturally present in the source water. This ensures a safe and high quality of drinking water that exceeds the Guidelines for Canadian Drinking Water Quality.



WATER SERVICES – PEOPLE & PROCESS

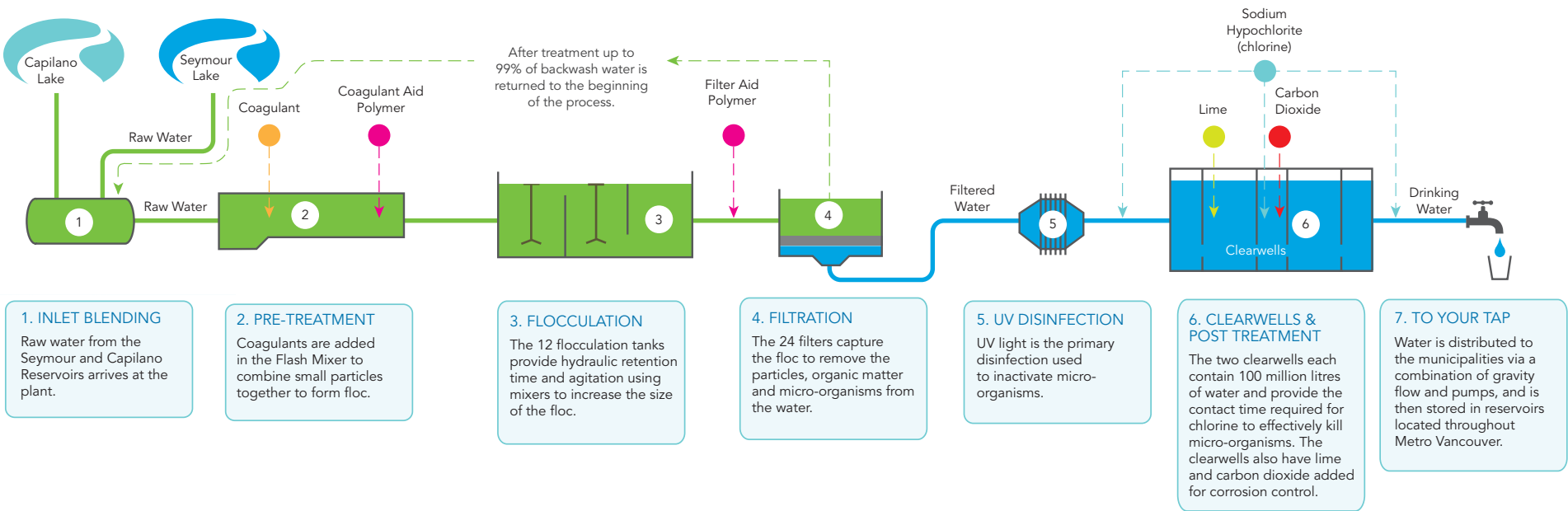


All aspects of SCFP, distribution, and collection systems are monitored 24 hours a day, seven days a week, 365 days a year from a centralized control room located onsite.

The control room is responsible for monitoring, operating, treating and distributing drinking water to our member municipalities. This is done through the use of the computerized Supervisory Control and Data Acquisition System. The control room also monitors and operates the regional liquid waste collection system.

All staff (Operations, Maintenance, Quality Control and Industrial Control System Specialists) working at the SCFP are highly trained and qualified. All water treatment and distribution operations staff are certified by the Environmental Operators Certification Program, and maintenance staff are comprised of certified electricians, mechanics, instrument technician mechanics and millwrights.

THE PROCESS OF WATER FILTRATION



TREATING WHAT IS LEFT

