Investing today to ensure reliable drinking water for generations to come

Water Master Plan

Planning for the Future

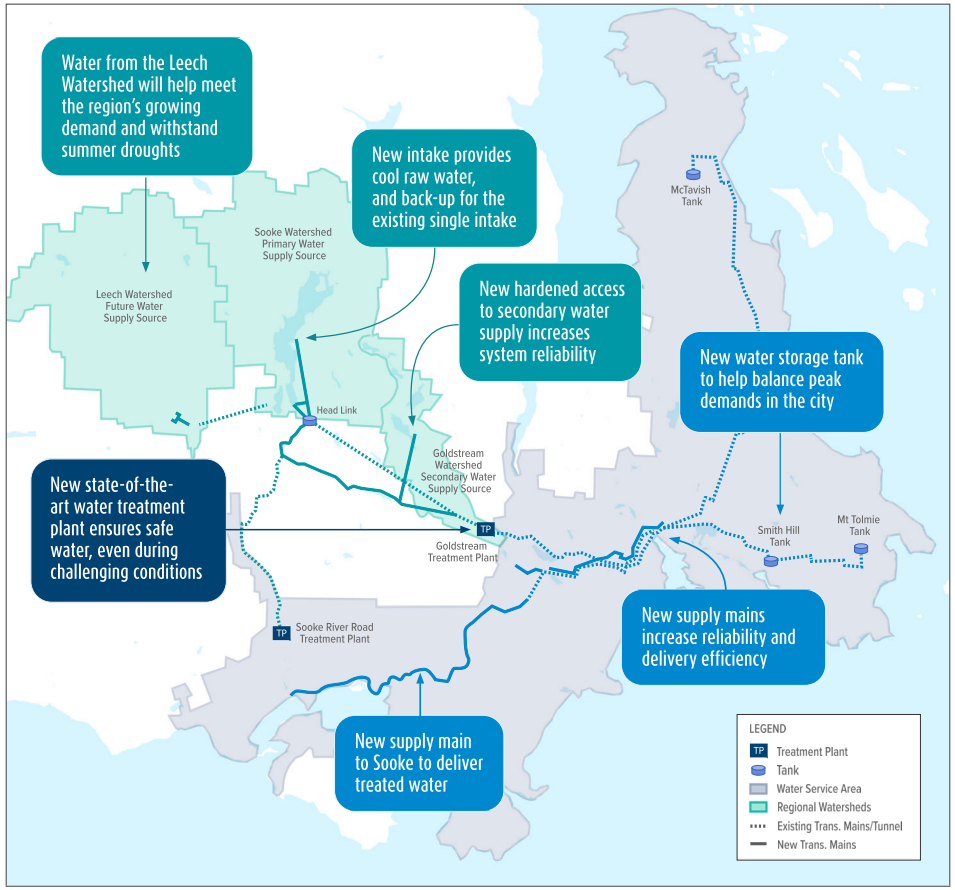
The Regional Water Supply (RWS) Service provides drinkable water to 430,000 people across the Region. As we plan for the future we are committed to:

- High quality, safe drinkable water
- An adequate, reliable, long-term supply of drinkable water
- Efficient, effective and innovative operation of the water system infrastructure

To fulfill these commitments, the RWS Master Plan lays out the roadmap of critical infrastructure projects designed to meet the needs of a growing community while proactively addressing evolving risks related to seismic activity and climate change.

This work represents a substantial investment over the next 20 years, reflecting CRD's commitment to long-term water security and resilience.

Implementation will be guided by the following principles. They were carefully developed to ensure Greater Victoria has a safe, reliable, and sustainable drinkable water supply for generations to come.



Delivering the RWS Master Plan

Project planning, design and construction will be strategically sequenced and staggered throughout the implementation period, with completion anticipated by 2045.

1. RAW WATER (PRE-TREATMENT) FACILITIES

New and upgraded facilities will greatly reduce risks from climate change and earthquakes. These projects include a new lake intake, raw water transmission mains and the incorporation of the Leech water supply.

2. WATER TREATMENT FACILITIES

Protecting the Sooke Watershed, together with treatment and disinfection, provides strong barriers that help keep drinking water clean and safe. A growing population and the use of new water sources with different treatment needs, combined with the impacts of climate change such as droughts, wildfires, and shifts in water quality, mean that additional treatment is essential. Additional treatment, such as filtration, will provide the flexibility to manage these changing conditions, ensuring clean and reliable drinking water continues to flow from the tap.

3. FINISHED WATER (POST-TREATMENT) FACILITIES

The majority of the existing transmission system piping and storage are not designed to modern standards, prone to breaks and may struggle to meet growing demands. New and upgraded facilities will improve water delivery efficiency and reliability.

Guiding Principles

1. PROACTIVE, RISK-INFORMED PROGRAM DELIVERY

Projects are planned with foresight, early risk management, and flexibility to minimize disruption and stay on track.

2. PURPOSEFUL DESIGN FOR RESILIENCE & OPERATIONS

Infrastructure is designed to be safe, durable, cost-effective, and easy to maintain while meeting future needs.

3. ORGANIZATIONAL READINESS & EXECUTION EXCELLENCE

Careful sequencing, strong internal capacity, and long-term planning ensure smooth and dependable implementation.

4. FINANCIAL RESPONSIBILITY AND AFFORDABILITY

Reliable service is maintained through right-sized projects, diverse funding, and long-term financial planning.

5. STRONG AND INCLUSIVE PARTNERSHIPS

Collaboration with First Nations, governments, regulators, and the public builds trust and shared success.