JOINT WASTEWATER MASTER PLAN
Identify Issues & Opportunities

Identify the issues and opportunities that you support. Use a dot or sticky note to elaborate on your answer.

Scan for more information and to share your ideas.

Review existing plant performance and available capacity	Accomodate growth over the next 25 years	Review regulatory requirements	Review industrial loading impacts	Conduct odour audit

Purpose

The Joint Wastewater Master Plan will update and define the required infrastructure needs of the treatment plant to meet growth up to 2050, including:

- Review of current and projected treated wastewater criteria, operational goals and regulatory requirements;
- Develop a long-term capital program for required infrastructure upgrades including cost and timing;
- Evaluate and prioritize future upgrade options



As the cities of Abbotsford and Mission have both updated their Official Community Plans (OCP), it is important to understand the impact of the new OCPs on the JAMES Wastewater Treatment Plant (WWTP).

System Overview

Constructed in 1981 and upgraded through several expansion phases, the JAMES WWTP is a secondary wastewater treatment plant that serves the urban areas of Abbotsford, Mission, and Sumas, WA.

The treated wastewater (known as effluent) is discharged into the Fraser River.

The amount and quality of wastewater released from plant meets both provincial and federal regulations for wastewater treatment.

JAMES Plant produces Class B biosolids under the Organic Matter Recycling Regulation (OMRR). institutional sectors.

Wastewater Flow



The JAMES Plant treats 60,000 m^3 of wastewater on an average daily basis, from homes, and industrial, commercial and institutional sector