DRAINAGE 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.

Mitigate flooding by drainage system improvements

Manage erosion and sediment deposition

Upgrade and maintain drainage infrastructure

Mitigate impacts of future development

Plan for climate change and improve resiliency

Purpose

The purpose of the Drainage Master Plan is to identify the infrastructure upgrades needed to meet the expected demands for a population of 250,000 over the next 25 years, as well as land use changes as outlined in the updated OCP.

The Plan will guide the City's long-term drainage capital program which prioritizes required infrastructure upgrades, including associated costs and timing. It will also review the adequacy of the existing stormwater management policy, criteria, and bylaws to ensure they continue to meet the growing needs of the community.



System Overview

The City covers an area of about 39,000 hectares and includes watersheds such as Marshall Creek, Downes Creek, Willband Creek, Clayburn Creek, and Fishtrap Creek, etc. Ultimately, these waters drain to the Fraser River, west to Township of Langley, or south to the United States.

530 kilometres of ditches

3 floodplains

570 kilometres of storm sewer pipes and over 28,400 associated structures

10+ large drainage catchment areas

37 kilometres of dikes

5 drainage pump stations

545 storm water detention and infiltration facilities

1,500 culverts