

JINKERSON ROAD SANITARY SEWER LIFT STATION Chilliwack, BC

duplex pump system

This project involved off-site roadworks, sanitary sewer (gravity), storm sewers, water works, street lighting, forcemains and lift station to serve a 50ha area that will be built up with residential subdivisions.

The lift station work consisted of a duplex pump system to serve the entire 50ha catchment area including two 50hp three-phase pumps. Electrical design was by L.R. Pearson and Associates. The installation also included a 2.1m Ø x 5.6m fiberglass sanitary tank. Due to the size of the pumps, a separate building for the control systems, electrical panels and generator was required.

The costs for this project were shared by three developers building subdivisions in the catchment area. The City of Chilliwack also granted Development Cost Charge credits for some of the upgrade work to the sewage system.

CLIENT:

Tyam Construction Ltd.

DESIGN & CONSTRUCTION:

- 1,200m x 200mm Ø forcemain
- 1,700m total watermain
- 900m road reconstruction
- 750m sanitary sewer
- 650m storm sewer

CONSTRUCTION COSTS:

\$1,490,000

COMPLETION DATE:

January 2006

