

## SARDIS PARKS SEWERS Chilliwack, BC

### design-build project

Wedler Engineering LLP partnered with Span Valley Construction Ltd. to provide design and inspection services for the City of Chilliwack's Sanitary Sewer Design-Build project. The purpose of this project was to provide a sanitary sewer system to service approximately 650 properties that were experiencing a rising amount of septic field failures due to aging.

The project involved:

- 9.8km of gravity sewer and services to approximately 650 properties
- 400m of sanitary forcemain
- 2.3m Ø x 5.5m-deep sanitary lift station complete with dual pumps, valve chamber and electrical kiosk
- 1.4km of 200mm Ø ductile iron watermain

The design team accounted for a number of constraints, including existing utilities and widely varying elevations of existing homes, while providing a cost effective final design.



**CLIENT:**  
City of Chilliwack

**LOCATION:**  
Chilliwack, BC

**TOTAL LENGTHS:**  
sanitary sewer - 9,800m  
forcemain - 1,400m  
watermain - 400m

**CONSTRUCTION COSTS:**  
\$3,600,000

**COMPLETION DATE:**  
October 2004