

## Water Quality Facility #64

**Location:** Near NW Hertel Street and 9th Avenue

**Facility Type:** Vegetative swale

**Purpose:** Built in 1999, the facility treats stormwater runoff from the Alderbrook residential subdivision and drains to McKay Creek.

**Repair:** The swale was not working correctly due to an underground sanitary line crossing several feet below the facility. The underground crossing created depressions within and adjacent to the treatment area which prevented the facility from functioning as originally designed.

The repair process included:

- Removed invasive plants, volunteer trees, and sediment deposits
- Excavated and backfilled the depression areas with clay and native soil
- Placed rock and restored the original swale profile
- Restored the outfall pad with new rock
- Planted new trees and water quality treatment plants

### Project Funding Sources

The Surface Water Management Local Service Fee funded the entire project.

### Project Timeline

- **Fiscal Year 2017-18:** Engineering and design
- **Summer/fall 2018:** Reconstructed and planted

### Project Cost

- Total Project Cost: \$31,694



**Before:** red box indicates the depression in the ground.



**After:** Depression is rocked and the swale is replanted.