

# Clark County Clean Water Program

## Curtin Creek Enhancement Project

July 2012

Location: NE 99th St. between NE 82nd and NE 87th Ave.

Project Type: Creek restoration and habitat enhancement

Budget: \$3,642,500

Funding: Clark County Clean Water and Road Funds

### Why did Clark County complete this project?

The Curtin Creek Enhancement project is strategically located at the headwaters of Curtin Creek in the Salmon Creek watershed. This 36-acre site is situated in a residential area, northeast of Vancouver. The project was developed as a portion of a large mitigation project for two major road improvement efforts that required mitigation for storm water control and wetland/habitat impacts. Historically, many acres of wetlands in the area were drained for agricultural production. The resulting creek was channelized with muck soils and high groundwater. Channelization and continued urban growth had resulted in increased flows to the creek which resulted in low habitat value, limited wildlife and potential for flooding downstream. Water quality was of fair quality with sluggish flow and very limited pool-riffle structure, yet the water had a high mineral content and cool water temperatures due in part to the groundwater influence.

### What is the scope of the project?

The improvement project carries stormwater from within a half-mile of the enhancement area where it is treated and controlled. The overall project goals are to increase water storage capacity. Forty percent of Curtin Creek watershed drains to the project area.

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Project location

