



Post Implementation Status Report – May 2011
West Fork Dairy Creek Restoration Project
OWEB Grant 207-306

- 1. Description of maintenance provided.** None.
- 2. Accounting of any costs associated with maintenance and post-implementation status reporting.** Mileage costs relating to project monitoring (May 2010, July 2010, March 2011, May 2011) \$106.18
- 3. An assessment of whether the project continues to meet the goals specified in the grant agreement.** The project continues to meet the goals specified in the grant agreement. a) The removal of the road fills and culverts on the L.L. ‘Stub Stewart’ State Park was to increase water quality and decrease erosion by limiting sediment delivery from the stream crossing. b) Placement of large wood within the 1.1 mile stream reach of West Fork Dairy Creek increased stream complexity by 30%, increased amount of wood in stream by 1/3; and increased pools from 16 to 28 pools (also increased pool size). c) The removal of the culverts eliminated fish passage and migration barriers and allowed access to additional spawning and rearing habitat.
- 4. A summary of any public awareness or educational activities related to the project, including identification of any tours or presentations and copies of newspaper or other media coverage about the project.** Two programs/tours were given on the project within the reporting period: a) May 17, 2010, presentation on West Fork Dairy Creek restoration project given to two Youth Conservation Corps groups (total of 16 youth and adults) hired by OPRD to work on trails; b) October 9, 2010 tour and program as part of the Tualatin River Watershed Council and Upper Nehalem Watershed Council joint project tour to 20 participants. OPRD will complete interpretative signage and a restoration trail to the West Fork Dairy Creek segment of the restoration project this summer. The Council and OPRD will work together on publicizing the trail opening.
- 5. A description of the condition of the project as it related to the original proposed design and any modifications made during the implementation.** With the removal of the stream crossing and culverts, the stream channel has adjusted and continues to make some changes. The West Fork Dairy Creek stream channel continues to adjust in the area where the 120’ foot culvert was removed, with some

sediment deposition within the channel and adjustment of three logs which are now located within the channel (previously were located above the channel). Some additional natural slumping continues (the technical assistance report observed natural landslide activity occurring approximately every 400' within the stream channels), but installed vegetation in the riparian area has helped stabilize stream banks. A larger slide occurred during winter 2011 on the Amar property caused by a Highway 47 cross drain clogging that resulted in several large trees and sediment deposited in the creek.

Native vegetation planted in the fill areas is growing. The large wood within the 1.1 mile stream reach has moved around in the stream channel due to winter flows, but continues its function of increasing pool habitat and helping form log jams that recruiting additional wood.

The project functions as anticipated by the design; the modifications made have not changed the anticipated results.