



March 25, 2011

Washington State Department of Fish and Wildlife
Habitat Program
600 N. Capitol Way
Olympia, WA 98501-1091

RE: I-5 Salmon Creek to I-205 (Tenney Creek) Mitigation Site
WDFW HPA Permit **ST-F2094-01**.

Dear Interested Parties:

The Washington State Department of Transportation completed monitoring of the site on August 14th, 2010 to determine survival of planted species for compliance with the above-listed HPA.

General Site Information	
USACE NWP 23 Number	2001-4-01406
HPA Log Number	ST-F2094-01
Mitigation Location	Along Tenney Creek near the intersection of I-5 and I-205
LLID Number	1226550457045
Construction Date	2007-2008
Monitoring Period	2009-2013
Year of Monitoring	2 of 5
Area of Project Impact	0.04 acre wetland, 0.02 acres below OHWM
Type of Mitigation	Wetland Establishment, Riparian Enhancement, Stream Realignment
Area of Mitigation	0.13 acres of wetland plus new stream channel

Site development:

Permit Requirement	2010 Results	Management Activities
80% or greater survival for each planted species in the riparian area	70% survival overall	

The riparian plantings are characterized by six distinct zones: a large homogenous zone to the north and five zones to the south of the wetland mitigation site that were assessed qualitatively. Survival proved to be difficult to determine due to steep inaccessible slopes and irregular plant spacing due to existing vegetation. Four out of the six zones (those with pre-existing vegetation) were estimated to have native woody cover greater than 70 percent. The two zones without pre-existing vegetation, the large homogenous zone to the north of the mitigation site and a smaller zone slightly north of mile marker six were qualitatively assessed to have a survival of 70 percent and could benefit from some minor replanting. These two areas appear to be stressed and plant vigor is marginal, possibly due to competition with grasses as well as invasive species. Invasive species cover was qualitatively assessed at 20 percent cover throughout the entire site and primarily consisted of Himalayan blackberry (*Rubus armeniacus*), Canada thistle (*Cirsium arvense*), and Scotch broom (*Cytisus scoparius*).



Tenny Creek Cribwall, Fall 2010 Tenny Creek Realignment and Woody Vegetation, Fall 2010

We welcome your questions or comments. Please contact me at 360/570-6640 or by e-mail at busht@wsdot.wa.gov for questions about these mitigation sites.

Sincerely,

Tony Bush
Wetland Assessment and Monitoring Program