



**Washington State
Department of Transportation**

Paula J. Hammond, P.E.
Secretary of Transportation

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March 25, 2011

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

RE: SR 9, SR 522 to SR 524 Vicinity (Great Dane Creek)
WDFW HPA Permit **100360-7**

Dear Interested Parties:

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

General Site Information	
WDFW HPA Permit Number	100360-7
Restoration Location	Near the intersection of SR 9 and SR 524 at Great Dane Creek Culvert.
Construction Date	2008
Monitoring Period	2009-2011
Year of Monitoring	2 of 3
Area of Project Impact	443 ft ² fish bearing stream
Type of Restoration	Permanent access to quality sockeye and coho habitat in Great Dane Creek
Area of Restoration	Access to 16,000 ft ² of habitat, and a small area of revegetation.

Site development

Permit Requirement	2009 Results	Management Activities
80% or greater survival for each planted species in the riparian area	47% survival overall	Replanting occurred December 2010

A total of 15 plants were counted. Species observed include redosier dogwood (*Cornus sericea*), western red cedar (*Thuja plicata*), salmonberry (*Rubus spectabilis*), and roses (*Rosa spp.*). A total of 32 plants were originally installed, resulting in a survival estimate of 47 percent. This survival estimate is below the year-2 permit requirement

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target of 80 percent. To achieve the required number of plants, the region has replanted this area.

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

