



March 25, 2010

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

RE: SR 202 Improvement Project: SR 520 to Sahalee Way
 WDFW HPA Permit **100299-8**

Dear Interested Parties:

The Washington State Department of Transportation completed monitoring of the site on August 23rd, 2010 to determine survival of planted species for compliance with the above-listed HPA.

General Site Information	
WDFW HPA Permit Number	100299-8
Restoration Location	East of Redmond on SR 202
Construction Date	2006-2007
Monitoring Period	2008-2010
Year of Monitoring	3 of 3
Area of Project Impact¹	1.47 acres
Type of Restoration	Riparian Buffer Enhancement
Area of Restoration	1.8 acres

Site development:

Permit Requirement	2008 Results	Management Activities
80% or greater survival	98% survival overall	Ongoing weed control

¹ This is the total area of direct wetland impact for the SR 202 Improvement Project: SR 520 to Sahalee Way NE. The total area of impact and restoration covered by this HPA is unclear and is included in the SR 202 Improvement Project: SR 520 to Sahalee Way NE. See HPA 100299-8, pages 13-15 for project locations.

Planted woody species survival currently exceeds the permit requirement. Ninety-eight percent survival is the result of a total count of plantings at each of the locations listed in the HPA compared to those still alive. The actual number of planted individuals is not available.

Species present include Pacific willow (*Salix lucida* ssp. *lasiandra*) and Sitka willow (*Salix sitchensis*) (Photo 1). Most plantings showed vigorous growth and were approximately three meters tall at the time of monitoring. Signs of beaver activity were observed, nevertheless impacted plantings exhibited new growth.

The water level of the backwater located at the SR 202 Happy Valley Mitigation site (Location #4) was especially high at the time of monitoring (Photo 2). As a result, there may be original plantings below the water line that were not included in this count.

The relocated stream channels showed no signs of erosion. Large woody debris structures were in place.



Photo 1 Turple Backwater Channel



Photo 2 Happy Valley Backwater Channel

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



