



Washington State
Department of Transportation
 Paula Hammond
 Secretary of Transportation

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March 25, 2009

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

RE: SR 18 Maple Valley to Issaquah-Hobart Road (MP 16.6 to MP 19.3) (Taylor Creek Crossing 4)
 WDFW HPA Permit **00000F4792-14**

Dear Mr. Chapman:

The Washington State Department of Transportation completed monitoring of the site on September 29, 2008 to determine survival of planted species for compliance with the above listed HPA.

General Site Information	
WDFW HPA Permit	00000F4792-14
LLID Number	1219981474226
Restoration Location	SR 18 East, Exit 142, along Taylor Creek, near Maple Valley in King County.
Construction Date	2006-2007
Monitoring Period	2007-2016
Year of Monitoring	2 of 10
Area of Project Impact	0.18 acre of Buffer 80 feet of Stream Channel
Type of Restoration	Riparian Revegetation
Area of Restoration	0.27 acre

Site development:

Permit Requirement	2008 Results	Management Activities
80% survival of planted species in riparian area.	71% survival overall	In 2008, weed control was conducted on 4/16, 6/12, 10/7, and 10/8; weed control will continue as needed; south section replanted in fall 2008

Survival of planted native woody species in the riparian area is 47 percent in the south section of the site and 75 percent in the north section of the site, with a combined total of 71 percent.

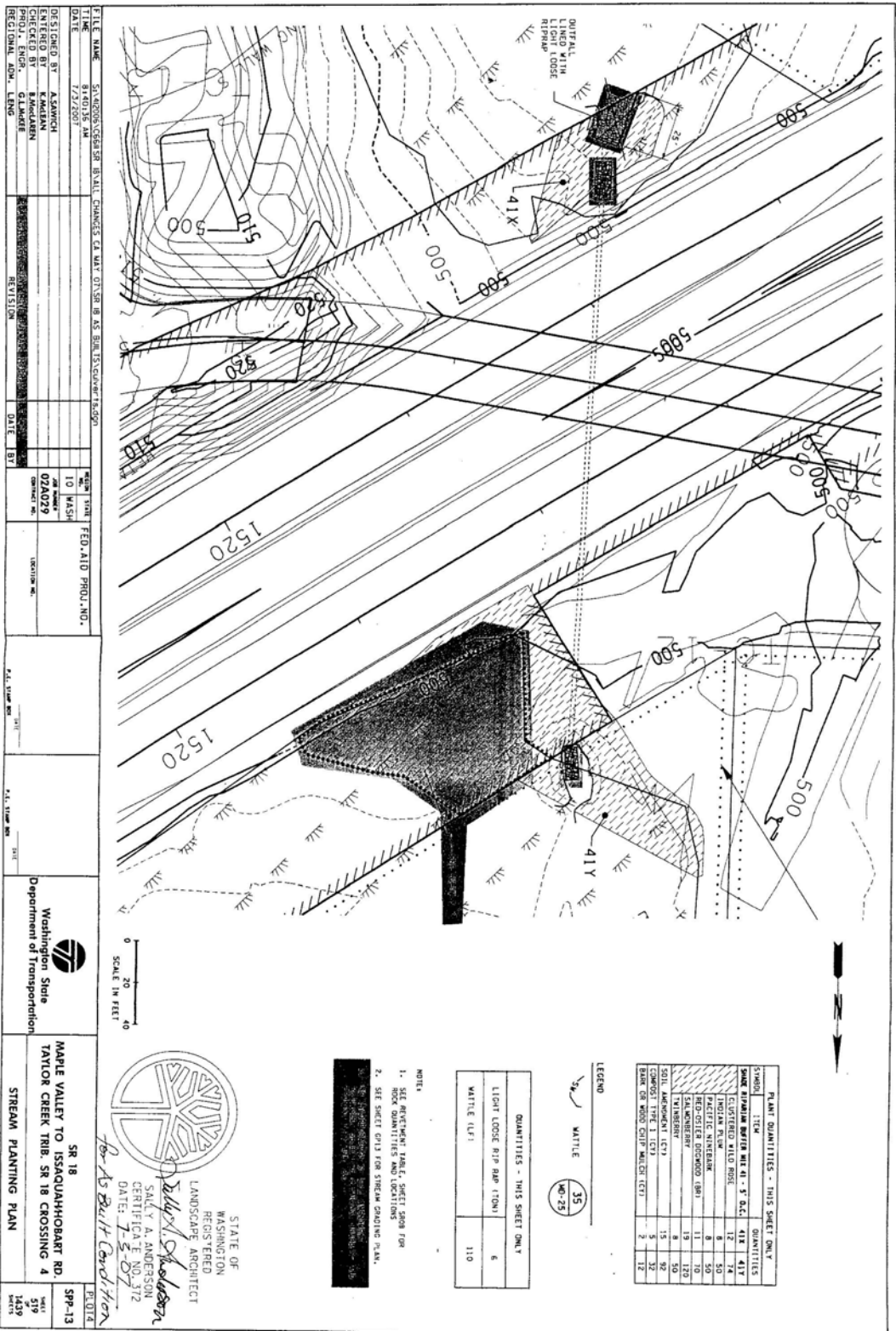
This does not meet the permit requirement for Year-2. Plantings in the larger north section are growing well. Significant treatment of *Equisetum* species (horsetails) and *Rubus armeniacus* (Himalayan blackberry) has allowed room for plantings to grow. The south section of the site was replanted in the fall of 2008, after monitoring occurred.

Survival by Species before replanting			
Species	Alive in 2008	As-built	Survival
<i>Oemleria cerasiformis</i>	38	58	66%
<i>Rosa pisocarpa</i>	58	86	67%
<i>Rubus spectabilis</i>	95	139	68%
<i>Cornus sericea</i>	57	81	70%
<i>Lonicera involucrata</i>	49	58	84%
<i>Physocarpus capitatus</i>	43	58	74%
Totals	340	480	71%

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 this mitigation site.

Sincerely,

Tony Bush
Wetland Assessment and Monitoring Program



FILE NAME	SR 18	DATE	7/2/2007
DESIGNED BY	A. SWANSON	CHECKED BY	E. ANDERSON
PROJ. ENGR.	G. LAWREN	REGIONAL ADM.	L. LANG
REVISION	DATE	BY	
10	02/02/09		



SR 18
 MAPLE VALLEY TO ISSAQUAHHOBBART RD.
 TAYLOR CREEK TRIB. SR 18 CROSSING 4
 STREAM PLANTING PLAN

SRP-13
 519
 1439
 1439

STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
 SALLY A. ANDERSON
 CERTIFICATE NO. 3172
 DATE: 7-5-07
 For As Built Condition

PLANT QUANTITIES - THIS SHEET ONLY

ITEM	QUANTITIES
SHRUB	418
CLUSTERED WILD ROSE	12
INDIAN PLUM	8
RED TILED BIRCHLEAF	8
RED TILED BIRCHLEAF (80)	19
SALAMONSBERRY	8
WINTERBERRY	15
COMMON TYPH 1 (C1)	5
COMMON TYPH 2 (C2)	2

NOTE:
 1. SEE RECYCLING TABLE, SHEET 5808 FROM ROCK QUANTITIES AND LOCATIONS
 2. SEE SHEET 0113 FOR STREAM SHADING PLAN.

LEGEND

QUANTITIES - THIS SHEET ONLY	6
LIGHT LOSS RIP RAP (TON)	110
WATTLE (LF)	

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