



**Washington State  
Department of Transportation**

Lynn Peterson  
Secretary of Transportation

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March 30, 2015

Ms. Gail Terzi  
US Army Corps of Engineers Seattle District  
Regulatory Branch CENWS OD RG  
PO Box 3755  
Seattle, WA 98124-3755

RE: SR 305 Vicinity Poulsbo South City Limits to Bond Road (Stream Realignment and Wall 8) Mitigation Site  
USACE Individual Permit Number 200500967

Dear Ms. Terzi:

The Washington State Department of Transportation completed qualitative monitoring of the SR 305 Vicinity Poulsbo South City Limits to Bond Road (Stream Realignment and Wall 8) mitigation site on July 9, 2014, to address final-year (2017) performance standards. Monitoring activities included vegetation observations and photo documentation.

<b>General Site Information</b>		
<b>USACE IP Number</b>	200500967	
<b>Mitigation Location</b>	Southwest of SR 305, along South Fork Dogfish Creek in Poulsbo, Kitsap County.	
<b>LLID Number</b>	1226379477451	
<b>Construction Date</b>	2006-2007	
<b>Monitoring Period</b>	2008-2017	
<b>Year of Monitoring</b>	7 of 10	
<b>Area of Stream Realignment Impact<sup>1</sup></b>	1.15 acres	
<b>Type of Mitigation</b>	Stream Realignment	Temporary Impact Re-vegetation
<b>Area of Mitigation<sup>1</sup></b>	2.25 acres	0.23 acre

<sup>1</sup> Impact and mitigation acreages were referenced from the SR 305 Vicinity Poulsbo South City Limits to Bond Road Final Wetland Mitigation Plan (pp. 8 and 98). Additional impacts are also detailed in the mitigation plan and additional mitigation is provided at the SR 305 Poulsbo Wetland and Wall 10 mitigation sites.

Final-year (2017) Performance Standards	2014 Results	Management Activities
Noxious weeds will not exceed 20% aerial cover over the entire mitigation site and the stream realignment areas.	Less than 3% cover	Weed control conducted on 5/12/14
<i>Polygonum bohemicum</i> (Bohemian knotweed), <i>Polygonum cuspidatum</i> (Japanese knotweed), <i>Polygonum polystachyum</i> (Himalayan knotweed), and <i>Polygonum sachalinense</i> (giant knotweed) shall not be present at the mitigation site or stream realignment areas.	None present	
The relocated stream areas will have hydrology present on a continuous basis and will have a minimum of 10 instream woody debris structures.	Present	
Native woody vegetation will achieve a minimum of 80% aerial cover in the riparian and the temporarily impacted retaining wall areas.	97% cover	

**Site development:**

The site has developed rapidly and has been meeting all of its final-year (Year-10) performance standards since 2011. On April 30, 2013 a request to discontinue quantitative sampling for woody cover was sent to the USACE and the Department of Ecology. This request was accepted by Ecology on May 7, 2013 and by the USACE on September 10, 2014. This, and all other, final-year performance standards are still currently being met.

Results for Performance Standard 1

(Noxious weeds will not exceed 20% aerial cover over the entire mitigation site and the stream realignment areas):

The cover of noxious weeds across the Stream Realignment and Wall 8 areas is visually estimated at less than three percent. The species observed on-site were reed canarygrass (*Phalaris arundinacea*), Himalayan blackberry (*Rubus armeniacus*), field bindweed (*Convolvulus arvensis*), and English ivy (*Hedera helix*).

Results for Performance Standard 2

(Invasive knotweed species shall not be present at the mitigation site or stream realignment areas):

No invasive knotweed species were present on-site during monitoring activities.

### Results for Performance Standard 3

(The relocated stream areas will have hydrology present on a continuous basis and will have a minimum of 10 instream woody debris structures):

During monitoring, hydrology was present in the relocated stream to an average depth of about five inches (Photo 1), with deeper pools and shallower riffles. All 10 instream woody debris structures were present and intact.

### Results for Performance Standard 4

(Native woody vegetation will achieve a minimum of 80% aerial cover in the riparian and the temporarily impacted retaining wall areas):

The cover of native woody vegetation in the Stream Realignment and Wall 8 areas (Photo 1) is visually estimated to be 97 percent. Red alder (*Alnus rubra*) is the dominant species in the tree stratum and redosier dogwood (*Cornus alba*) is the dominant species in the shrub stratum.



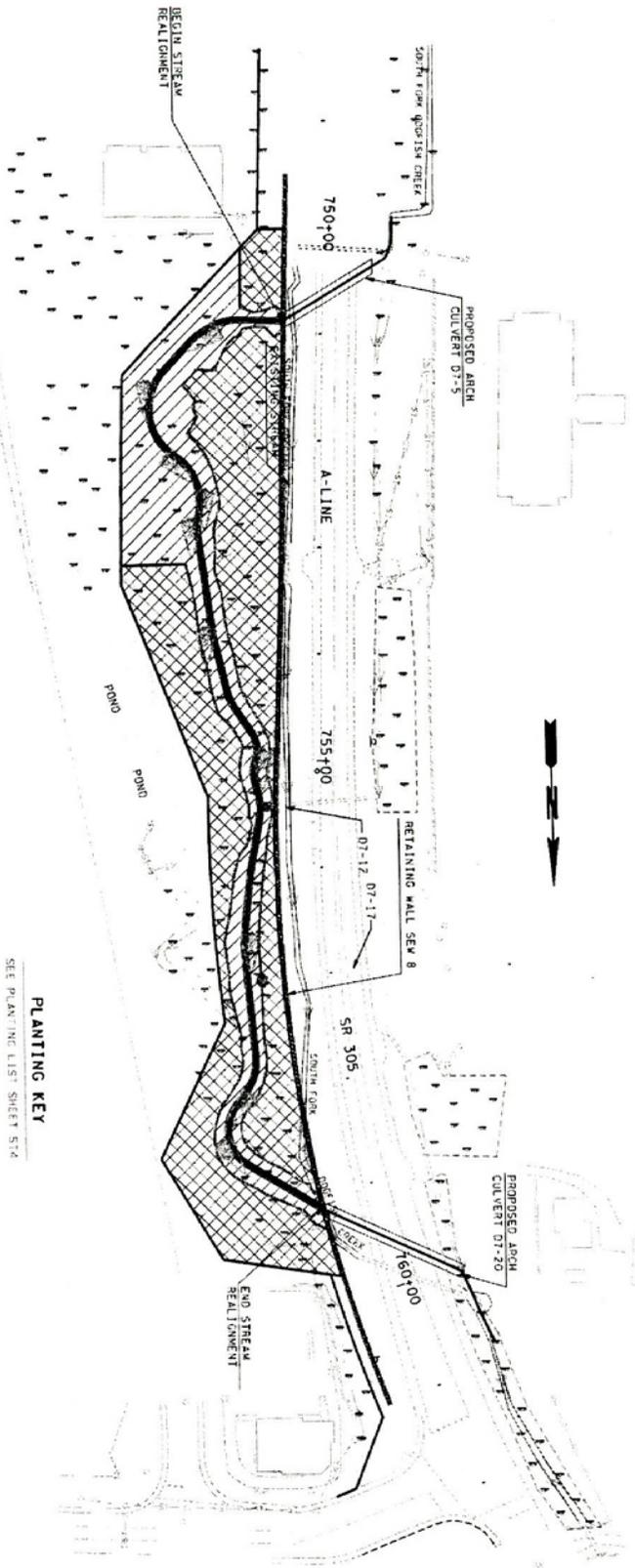
**Photo 1**  
**Realigned South Fork Dogfish Creek**  
**and the woody cover on its banks**

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

Sincerely,

Tony Bush  
Wetlands Program

T.26N, R.1E, W.M.



**LEGEND**

- >--- EXISTING TREE/BRUSH LINE
- - - - - EXISTING DITCH
- EXISTING CULVERT
- - - - - EXISTING STORM PIPE
- EXISTING WETLAND
- >--- EXISTING STREAM
- RIGHT OF WAY LIMIT

**PLANTING KEY**

SEE PLANTING LIST SHEET 514

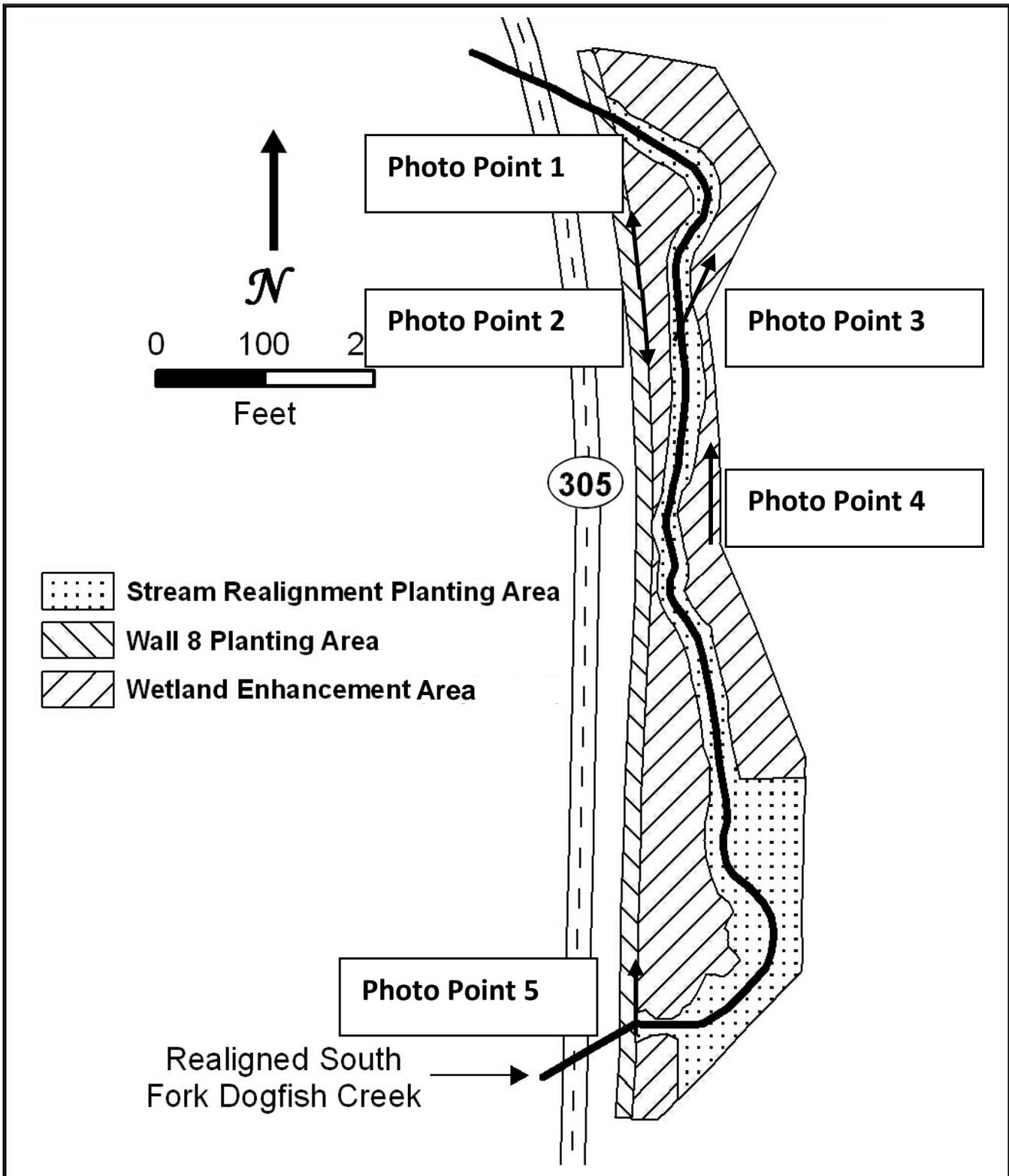
- [Hatched pattern] RIPARIAN/WETLAND 0.63 ACRES
- [Cross-hatched pattern] RIPARIAN/WETLAND ENHANCEMENT 1.42 ACRES
- [Diagonal hatched pattern] RETAINING WALL & WETLAND RESTORATION AREA 0.25 ACRES
- [Stippled pattern] RETAINING WALL TO WETLAND RESTORATION AREA 0.11 ACRES (NOT SHOWN) 15' WIDTH X 155' LENGTH



FILE NAME	G:\SR305\013X0 Poulsbo SCL\WORKBOOK\CAD\07-err1 Final\Site\013X0\PKL\Contract Final\Site\013X0\Plot1.dgn	DATE	07/13/12	DATE	07/13/12	DATE	07/13/12	DATE	07/13/12
TITLE	SR 305 VICINITY POULSBO SCL TO BOND RD	DESIGNED BY	B. CHART						
PLOTTED BY	Y. POPE	CHECKED BY	E. VAVES						
PROJ. ENGR.	S. POCHS	PROJ. ENGR.	S. POCHS	PROJ. ENGR.	S. POCHS	PROJ. ENGR.	S. POCHS	PROJ. ENGR.	S. POCHS
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# Photo Points

The photographs below were taken from permanent photo-points on July 9, 2014 and document current site development.





**Photo Point 1**



**Photo Point 2**



**Photo Point 3**



**Photo Point 4**



**Photo Point 5**