

**Smith Island/Union Slough Habitat Restoration Project
City of Everett Public Works, Heather Griffin (425) 257-7206**

Site location and description: The site is located on Smith Island and is bounded to the south by 4th Street SE, to the west by the City wastewater treatment Oxidation Pond, to the north by a setback dike and to the east by Union Slough. Tidal waters were restored to the site in October 2007 creating a 57.9 acre advanced wetland mitigation site. The projects below describe the use of mitigation from the 57.9 acre site.

Debit Project	Debit Project Location	Brief Description of Impacts Compensated by Mitigation Credits (Type of impact, wetland rating, etc.)	Impact Acreage	Comments	Mitigation Site Phase and Performance Standard(s)	Corps of Engineers Permit No. and Date	Credits (in acres) Withdrawn per US Corps of Engineers	Remaining Balance of Acres (per Corps)	Washington State Department of Ecology Permit No. and Date	Credits (in acres) Withdrawn per WA Dept of Ecology	Remaining Balance of Acres (per Ecology)
Dike Improvements	Union Slough and Snohomish River south of 12th Street NE on Smith Island	Fill of freshwater wetlands in the following types and amount: PEM=4.81; PSS=2.14; PFO=1.28. Conversion of freshwater wetlands.	Dike improvement impacts = 8.23 acres; freshwater wetland conversion = 55.8 acres	13.1 acres mitigation for dike improvement impacts; 7.9 acres mitigation for conversion of freshwater wetlands to intertidal wetlands	Creation of 57.9 acre mitigation site along with concurrent impacts	NWS-1999-00221 2/7/2003	21	36.9	Order # 02SEANR-4717 12/10/2003	21	36.9
1996 and 1998 Dike Maintenance Projects	South Smith Island	Fill of freshwater wetlands in the following types and amount: PEM=0.113; PEM=0.304	0.417	Retroactively applied per Advanced Mitigation Agreement at 1.25 acres mitigation per acre of impact	Creation of Mitigation Site	NA	0	36.9	2003 Advanced Mitigation Agreement between the City and Ecology	0.52	36.38
2012 Water Pollution Control Facility Upgrades	Southwest of Existing Water Pollution Control Facility	Fill of freshwater wetlands in the following types and amount: PFO=0.34; PSS=0.26	0.6	Ecology mitigation ratios: PFO=2.135; PSS=1.175 per Advanced Mitigation Agreement. Corps cites lag of function and requires 3:1 ratio	Year 3 of mitigation site; 21+ acres intertidal marsh present	NWS-2010-1316 10/13/2011	1.8	35.1	Order # 8542 6/6/2011	1.03	35.35
2012 Union Slough Levee Rehabilitation Project	Snohomish River south of 4th St SE and Union Slough east of I-5	0.72 acre of wetland and intertidal habitat impacts	0.72	Corps project. No permit was issued by the Corps, however the Corps concurred with the 401 mitigation ratio	Year 5 of mitigation site	PM-ER-12-7	1.45	33.65	Order # 9321 7/23/2012	1.45	33.9
2018 Snohomish Diking District 5, Union Slough Levee Repair Project	Union Slough near I-5, Snohomish River SW of Water Pollution Control Facility	0.32 acre of Category II Estuarine Wetlands	0.32	Corps Section 404 #PMP-18-16.	After acceptance of Year 10 Monitoring and Closure of Permit	PMP-18-16	0.32	33.33	Functionally Analogous to Nationwide Permit #3 PMP-18-16	0.32	33.58