

## PROJECT: 18-1259 DEV,REST, MEADOWDALE BEACH PARK & ESTUARY RESTORATION

Sponsor: Snohomish County Parks Dept Program: Aquatic Lands Enhancement Acct Status: Active  
Project Start Date: 07/01/2019 Agreement End Date: 06/30/2023

Progress Report Status: Accepted 12/20/2022

### Report Period

From 07/01/2022 To 12/31/2022

### Questions

#1: Are there any significant challenges that might hinder progress or keep you from meeting your project milestones? If so, please tell us about them.

No

#2: Describe the work accomplished during this reporting period.

The fish window for construction opened on 7/1/22 and work in the BNSF right-of-way related to the bridge installation and beach improvements began on that date. Work included temporary construction measures such as defishing the creek, installation of a stream bypass, installation of the railroad crossing, installation of a gravel work pad on the beach side of the railroad, and installation of the temporary shoring wall for the railroad bridges. The existing culvert was demolished, and railroad bridges were installed in late August and early September. Following this major accomplishment, construction continued and included excavation of the railroad embankment and demolition of the temporary construction measures. Several items from previous site uses (swimming pool and a boiler) were removed while excavating the estuary; soil testing was completed, and the items were disposed of off-site. The beach regrading occurred in October along with estuary work, installation of the starter channel, landscape irrigation and planting. In November and December, planting work continued, utilities and fencing we installed, installation of the pedestrian underpass below the railroad bridges was completed, and installation of the park pathways commenced. The pedestrian bridge, including concrete abutments was completed. Installation of the boardwalk commenced and is anticipated to be complete before 12/31/22.

#3: Do you anticipate you will need to request a modification to your project agreement in the next six months (time extension, cost change, scope change, etc.)? If yes, please explain:

No

#4: Tell us about work planned for the next reporting period.

The pathways and beach access are anticipated to be opened to the public before 12/31/22 and ongoing monitoring and maintenance of the estuary improvements will continue. Following design and permitting of the new picnic shelter, it will be installed in the spring. Other construction work will include the landslide barrier wall, vehicular paving and parking installation, installation of the restroom enclosure, site signs, and site furnishings, and other lawn and planting improvements. Before 7/1/23, we anticipate that final punch list reviews will be complete, final completion will be issued for Strider, 1 year warranty work will begin, and a public grand opening of the site will be planned.

### Metrics Setup

#### Development/Restoration Activities During Period

Yes **We have measurable Development/Restoration progress to report for the selected period.**

✓ Worksite #1: Meadowdale Beach Park

### Development/Restoration Metrics

Current Agreement

Progress To Date  
(from project start)

#### Worksite: Meadowdale Beach Park (#1)

## Progress Report, Project 18-1259

Miles of Stream and/or Shoreline Treated or Protected (C.0.b)	0.17	0.17
	<p><b>Note:</b> Includes the area treated using SRFB funding (0.06 miles) and the stream reach treated upstream of the estuary to the existing pedestrian bridge for salmon habitat. The total length of the stream from existing OHWM to existing pedestrian bridge, plus connection to the small pond within the larger project is 0.17 miles which includes the 0.06 miles within the estuary. There will be large woody debris placement and riparian enhancement within this entire reach.</p>	<p><b>Note:</b> All stream and/or Shoreline Treatment and Protection was completed in this reporting period.</p>

### Estuarine / Nearshore Project

Total Amount Of Estuarine / Nearshore Acres Treated (C.9.b)	1.3	1.3
		<p><b>Note:</b> All Estuarine / Nearshore Acres Treatment was completed in this reporting period.</p>

#### Culvert modification / removal (C.9.f.1)

Number of Culverts Modified/Removed To Allow Fish Passage (C.9.f.2)	1	1
		<p><b>Note:</b> 1 culvert was removed to allow fish passage in this reporting period.</p>

Acres Opened To Fish Passage through culvert modification/removal (C.9.f.3)	6.3	6.3
	<p><b>Note:</b> This area is based on a 27.2 ft bank-full width multiplied by the length of the stream downstream of passage barriers (1.9 miles).</p>	<p><b>Note:</b> All work to open the fish passage through culvert removal was completed in this reporting period.</p>

#### Estuarine planting or native plant establishment (C.9.r.1)

Acres of Estuarine planting or native plant establishment (C.9.r.3)	0.8	0.8
	<p><b>Note:</b> This planted area includes areas above sand placement and starter-channel cobble placement.</p>	<p><b>Note:</b> All of the estuary planting was completed in this reporting period. Native plant establishment and monitoring will continue.</p>

#### Removal of existing fill material (C.9.g.1)

Acres of Estuary Treated through fill material removal (C.9.g.2)	1.3	1.3
		<p><b>Note:</b> All fill material in the estuary area was removed in this reporting period.</p>

### Instream Habitat Project

Total Miles Of Instream Habitat Treated (C.4.b)	0.17	0.17
	<p><b>Note:</b> Includes stream reach upstream of estuary where enhancement will be achieved with funds outside of SRFB.</p>	<p><b>Note:</b> All of the instream habitat treatment was completed in this reporting period.</p>

#### Channel structure placement (C.4.d.1)

Miles of Stream Treated for channel structure placement (C.4.d.3)	0.17	0.17
Pools Created through channel structure placement (C.4.d.5)	0	0
Number of structures placed in channel (C.4.d.7)	53	54
	<p><b>Note:</b> Includes 12 of the largest woody debris pieces (salvaged on-site) placed within the pocket estuary, with an additional 15 pieces placed near the bridge abutments; 22 medium-size pieces would be located within the existing stream channel, and 4 within the restored pond that will be reconnected to the stream.</p>	<p><b>Note:</b> 1 additional piece of large woody debris was placed in addition to the 53 in the contract documents.</p>

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### Riparian Habitat Project

Total Riparian Miles Streambank Treated (C.5.b.1)	0.20	0.20
	<b>Note:</b> includes stream reach from OHWM to existing pedestrian bridge as well as riparian fringe around estuary.	
Total Riparian Acres Treated (C.5.b.2)	1.7	1.7
<b>Planting (C.5.c.1)</b>		
Acres Planted in riparian (C.5.c.3)	1.7	1.7
Miles of streambank planted (C.5.c.4)	0.17	0.17

## Progress Report, Project 18-1259

### Milestones

Milestone	Target Date	Completed	Delayed	New Target Date	Progress/Reason for Delay
Annual Project Billing Due	12/31/2022	<input type="checkbox"/>	<input type="checkbox"/>		
Special Conditions Met <i>Confirm at least \$295,472 of match is non-state non-federal sources</i>	01/31/2023	<input type="checkbox"/>	<input type="checkbox"/>		
RCO Final Inspection	04/30/2023	<input type="checkbox"/>	<input checked="" type="checkbox"/>	04/30/2023	Delayed to allow time for spring construction.
90% Construction Complete	04/30/2023	<input type="checkbox"/>	<input checked="" type="checkbox"/>	04/30/2023	We will reach 90% in the spring following the installation of the picnic shelter, restroom enclosure, and the landslide barrier wall. This work is delayed due to delays in the railroad bridge install and for design/permitting of the shelter.
Funding Acknowl Sign Posted	04/30/2023	<input type="checkbox"/>	<input checked="" type="checkbox"/>	04/30/2023	This is anticipated to be installed in the spring and will be mounted to a boulder salvaged from the BNSF railroad embankment.
Stewardship Plan to RCO	04/30/2023	<input type="checkbox"/>	<input checked="" type="checkbox"/>	04/30/2023	We will plan to submit this with the final report.
Final Report Due	06/30/2023	<input type="checkbox"/>	<input checked="" type="checkbox"/>	06/30/2023	Delayed to allow time for spring construction.
Agreement End Date	06/30/2023	<input type="checkbox"/>	<input type="checkbox"/>		
					Need amendment to change
Final Design to RCO <i>As Built</i>	06/30/2023	<input type="checkbox"/>	<input checked="" type="checkbox"/>	06/30/2023	Delayed to allow time for spring construction.
Final Billing Due	06/30/2023	<input type="checkbox"/>	<input type="checkbox"/>		

### Special Conditions

#### A. Matching Funds

- 1) This Meadowdale Beach Park Estuary Restoration Project Agreement merges multiple grants. (See the January 2021 Updated Match Worksheet for details.)
  - a) Washington Department of Fish and Wildlife awarded **\$1,000,000 of Estuary and Salmon Restoration Program (ESRP)** funds to the *Meadowdale Beach Park & Estuary Restoration Project - ESRP (18-1587)*. The minimum match required for this ESRP grant is \$428,572 (30% of the ESRP + Match cost) which is fulfilled by the ALEA funding.
  - b) Lake Washington/Cedar/Sammamish Watershed and **SRFB awarded a total of \$800,000** (\$191,711 of SRFB + \$608,289 of PSAR) to this *Meadowdale Beach Park & Estuary Restoration Project (18-1259)* with a match commitment of \$158,176 which can be fulfilled by the \$71,428 balance of ALEA funding plus \$65,319 of the WWRP Water Access grant, and \$21,429 of Snohomish County funds.
  - c) The Recreation and Conservation Funding Board awarded **\$604,078 of Washington Wildlife and Recreation Program's (WWRP) Water Access** Category funds to *Meadowdale Beach Park Access Development (18-1507)*. This funding requires at least \$604,078 in matching funds, which is fulfilled by \$483,262 of the SRFB grant and \$120,816 of Snohomish County funds.
  - d) The Recreation and Conservation Funding Board awarded **\$500,000 of Aquatic Land Enhancement Account (ALEA)** funds to *Meadowdale Beach Park & Estuary Restoration (18-1504)*. The project application included a total of \$2,389,394 in match from a pending ESRP grant, a pending Salmon grant (18-1259), and Snohomish County Cash/Appropriation. ALEA matching requirements are fulfilled by \$316,738 of SRFB, plus the \$1M ESRP grant, plus \$538,759 of the WWRP Water Access funding which reduces the required Snohomish County funding to \$533,897.
- 2) ALEA and WWRP-WA require local match sourced from non-state non-federal funds be at least 10% of the total Project Agreement budget. Total Sponsor Match is \$704,713 which is 20% of the total project agreement amount, exceeding the 10% local match requirement.

#### B. Eligible Scope Activities by Funding Source

- 1) The **Salmon State, PSAR, and ESRP** funds are for the *Restoration for rearing juvenile Chinook and other salmonids* project elements as outlined in the State Agreement Description, which includes relocating recreational infrastructure out of the restoration area. This funding is also eligible to be used for a portion of the BNSF Railroad bridge construction, if needed. However, county funds and a Federal Highways Administration grant are expected to be sufficient to afford RR bridge construction, and therefore, it is expected that the RR bridge element will be amended out of the scope once the project is complete.
- 2) The **ALEA** funding is eligible for restoration costs and park improvements.
- 3) While habitat restoration elements are eligible for reimbursement with **WWRP-Water Access**, this funding will be used to construct the public access improvements.

### Permits

Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
Archeological & Cultural Resources (EO 05-05)	DAHP	03/15/2018	10/08/2018		NWS-2018-260
					<b>Note:</b> Requires Construction Monitoring
Clear & Grade Permit	City/County	03/12/2020	10/29/2020	10/29/2023	19-103913LDA
					<b>Note:</b> Snohomish County - waiting on final 100% submittal to County.
Clear & Grade Permit	City/County				
					<b>Note:</b> City of Edmonds has ceded permitting to Snohomish County.
Cultural Assessment [Section 106]	DAHP	03/15/2018	10/05/2020		NWS-2018-260-WRD
					<b>Note:</b> Date submitted to Corps



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#4: Tell us about your progress with securing your permits or ESA consultation.

All Owner required permits were issued prior to NTP. Contractor obtained Edmonds Haul Permit and BNSF crossing permit issued 5/13/22; building permits for picnic shelter will be obtained by Contractor once design is complete.

### Attachments

#### PHOTOS (JPG, GIF)

Photos (JPG, GIF)



# 544697 # 544698 # 544699 # 544700 # 544701

#### PROJECT DOCUMENTS AND PHOTOS

Project Documents and Photos

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	12/15/2022	Photo	2022-12-05-MJR (11).JPG	RachelD	2022-12-05-MJR (11).jpg, 544709 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-05-MJR (7).JPG	RachelD	2022-12-05-MJR (7).jpg, 544708 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-05-MJR (6).JPG	RachelD	2022-12-05-MJR (6).jpg, 544707 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-05-MJR (5).JPG	RachelD	2022-12-05-MJR (5).jpg, 544706 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-05-MJR (4).JPG	RachelD	2022-12-05-MJR (4).jpg, 544705 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-05-MJR (3).JPG	RachelD	2022-12-05-MJR (3).jpg, 544704 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-05-MJR (2).JPG	RachelD	2022-12-05-MJR (2).jpg, 544703 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-05-MJR (17).JPG	RachelD	2022-12-05-MJR (17).jpg, 544702 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-05-MJR (16).JPG	RachelD	2022-12-05-MJR (16).jpg, 544701 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-05-MJR (15).JPG	RachelD	2022-12-05-MJR (15).jpg, 544700 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-05-MJR (14).JPG	RachelD	2022-12-05-MJR (14).jpg, 544699 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-07 MJR (16).JPG	RachelD	2022-12-07 MJR (16).jpg, 544698 Progress Report, 12/20/2022, Accepted	✓
	12/15/2022	Photo	2022-12-07 MJR (13).JPG	RachelD	2022-12-07 MJR (13).jpg, 544697 Progress Report, 12/20/2022, Accepted	✓

### Certify & Submit

#### Status History

Report Status	Date	User	Note
Accepted	12/20/2022	Elizabeth Butler	Thank you, Rachel -- Great to see the project so far along! Look forward to the next site visit~
Submitted	12/20/2022	Rachel Dotson	
Draft	12/15/2022	Rachel Dotson	