

Amendment to Project Agreement

Project Sponsor: Snohomish County Parks Dept
Project Title: Meadowdale Beach Park & Estuary Restoration

Project Number: 18-1259R
Amendment Number: 1

Amendment Type:

Cost Change

Amendment Description:

This amendment increases the grant awards for the project referenced above by adding:

(A) \$604,078 in Washington Wildlife and Recreation Program (WWRP) Water Access Category funds for RCO #18-1507D, which was approved by RCO's Director via authority granted under Recreation and Conservation Funding Board Resolution #2018-25; and

(B) an additional \$50,000 in ESRP funds awarded to RCO #18-1587 through the 2018 grant round, which supplements the \$950,000 in ESRP funds that were already included in this agreement. The additional amount results in full funding of the 18-1587 ESRP application.

The RCO funding now totals \$2,904,078. The WWRP and the ESRP funds are from the 2017-19 biennium. The Sponsor match remains the same. The total project cost is now \$3,608,791. The special conditions are updated to reflect this additional funding and match requirements are adjusted accordingly.

Project Funding:

The total cost of the project for the purpose of this Agreement changes as follows:

	Old Amount		New Amount	
	Amount	%	Amount	%
RCO - ALEA	\$500,000.00	16.92%	\$500,000.00	13.86%
RCO - ESRP	\$950,000.00	32.15%	\$1,000,000.00	27.71%
RCO - PSAR	\$608,289.00	20.59%	\$608,289.00	16.86%
RCO - SALMON ST PROJ	\$191,711.00	6.49%	\$191,711.00	5.31%
RCO - WWRP - WA	\$0.00	0.00%	\$604,078.00	16.74%
Project Sponsor	\$704,713.00	23.85%	\$704,713.00	19.53%
Total Project Cost	<u>\$2,954,713.00</u>	<u>100%</u>	<u>\$3,608,791.00</u>	<u>100%</u>
Admin Limit	\$0.00	0.00%	\$0.00	0.00%
A&E Limit	\$292,718.80	11.00%	\$357,517.29	11.00%


Agreement Terms

In all other respects the Agreement, to which this is an Amendment, and attachments thereto, shall remain in full force and effect. In witness whereof the parties hereto have executed this Amendment.

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**State Of Washington
Recreation and Conservation Office**

BY: 
Scott Robinson (Feb 23, 2021 09:05 PST)
For Kaleen Cottingham

TITLE: Director


DATE: Feb 23, 2021

Pre-approved as to form:

BY: /S/
Assistant Attorney General

Snohomish County Parks Dept

AGENCY: Snohomish County

BY: 
Lacey Harper (Feb 23, 2021 09:03 PST)

TITLE: Executive Director

DATE: Feb 23, 2021

Amendment Agreement Description

Project Sponsor: Snohomish County Parks Dept
Project Title: Meadowdale Beach Park & Estuary Restoration

Project Number: 18-1259 R
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Agreement Description

Snohomish County will restore stream, estuary, and nearshore processes and develop ADA and saltwater beach access at Meadowdale Beach Park, located where Lund's Gulch Creek flows into the north end of Brown's Bay on Puget Sound (PS). Recreational water access enhancements include constructing a 9 foot wide concrete ADA accessible path under the south bridge abutment and a viewing platform on the beach. Restoration for rearing juvenile Chinook and other salmonids entails:

- Removing 17,000 cy of fill to re-establish a 1.3 ac estuary.
- Replacing a 6' culvert under the BNSF railroad and 128 lf (2,000 cy) of hardened shoreline armor with a 5-span railroad bridge creating a 90' opening for a widened channel meander to restore sediment delivery processes (80-250 CY/YR) to the nearshore and improve connectivity to nearshore pocket estuary habitat.
- Removing 75 lf of streambank armor and placing LWD to improve instream habitat.
- Planting native vegetation to enhance nearshore and creekside riparian habitat.
- Relocating park infrastructure inland, including benches, picnic tables and a portable restroom enclosure.
- Rerouting pedestrian circulation w/ crushed rock and asphalt paths with 7 viewpoints and 4 interpretive signs, a boardwalk over an existing wetland, and a pedestrian bridge over the creek for viewing salmon.

This project presents a resilient solution to a major stressor along a section of PS identified by PSNERP as "most degraded" to demonstrate a healthy coastal ecosystem can co-exist with critical transportation infrastructure. The project also increases eco-based recreational and educational experiences for 65,000 annual visitors, addresses public safety, and provides ADA access to 1 of only 3 County PS shoreline parks.

Amendment Special Conditions

Project Sponsor: Snohomish County Parks Dept
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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.

Amendment Eligible Scope Activities

Project Sponsor: Snohomish County Parks Department

Project Number: 18-1259

Project Title: Meadowdale Beach Park & Estuary Restoration

Project Type: Development & Restoration

Program: Aquatic Lands Enhancement Acct

Amendment #: 1

Project Metrics

Sites Improved

Stream miles restored: 0.20

Restoration Metrics

Worksite #1, Meadowdale Beach Park

Targeted salmonid ESU/DPS (A.23):

Chinook Salmon-Puget Sound ESU,
Chum Salmon-Puget Sound/Strait of
Georgia ESU, Coho Salmon-Puget
Sound/Strait of Georgia ESU
Searun Cutthroat

Targeted species (non-ESU species):

Miles of Stream and/or Shoreline Treated or Protected (C.0.b):

0.17

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.

Project Identified In a Plan or Watershed Assessment (C.0.c):

Shared Strategy Development Committee. 2007. Puget Sound Salmon Recovery Plan. Seattle, WA.
https://www.westcoast.fisheries.noaa.gov/publications/recovery_planning/salmon_steelhead/domains/puget_sound
WRIA 8 Salmon Recovery Council. 2017. Lake Washington/Cedar/Sammamish Watershed Chinook Salmon Conservation Plan 10-year Update (2017). Water Resource Inventory Area 8, Seattle, WA.
[<http://www.govlink.org/watersheds/8/reports/plan-update.aspx>] The project is listed under plan Number: M228
None

Type Of Monitoring (C.0.d.1):

Estuarine / Nearshore Project

Total Amount Of Estuarine / Nearshore Acres Treated (C.9.b): 1.3

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

Number of Culverts Modified/Removed To Allow Fish Passage (C.9.f.2): 1

Acres Opened To Fish Passage through culvert modification/removal (C.9.f.3): 6.3

Amendment Eligible Scope Activities

		<i>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).</i>
Estuarine planting or native plant establishment (C.9.r.1)		
Acres of Estuarine planting or native plant establishment (C.9.r.3):	0.8	<i>This planted area includes areas above sand placement and starter-channel cobble placement.</i>
Removal of existing fill material (C.9.g.1)		
Acres of Estuary Treated through fill material removal (C.9.g.2):	1.3	
General Site Improvements		
Develop circulation paths or access routes		
Enter length of circulation paths and routes by surface type:		
Concrete	75	
Lighting provided (yes/no):	Yes	
Install lighting (general security)		
Number of general security lights installed:	1	
Install site furnishings		
Shoreline protection		
Linear feet of shoreline protection:	240	
		<i>Plantings on the beach.</i>
		<i>Sheetpile to protect ADA trail from being undercut by stream/estuary.</i>
Select the shoreline protection type:		Plantings/vegetation, Rock armor, Sheet piles
Instream Habitat Project		
Total Miles Of Instream Habitat Treated (C.4.b):	0.17	<i>Includes stream reach upstream of estuary where enhancement will be achieved with funds outside of SRFB.</i>
Channel structure placement (C.4.d.1)		
Material Used For Channel Structure (C.4.d.2):		Individual Logs (Anchored), Individual Logs (Unanchored), Logs Fastened Together (Logjam), Stumps With Roots Attached (Rootwads)
Miles of Stream Treated for channel structure placement (C.4.d.3):	0.17	
Pools Created through channel structure placement (C.4.d.5):	0	
Number of structures placed in channel (C.4.d.7):	53	<i>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.</i>

Amendment Eligible Scope Activities

Riparian Habitat Project

Total Riparian Miles Streambank Treated (C.5.b.1):

0.20

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

Planting (C.5.c.1)

Acres Planted in riparian (C.5.c.3):

1.7

Miles of streambank planted (C.5.c.4):

0.17

Trails

Trail bridge development

Number of trail bridges:

1 new, 0 renovated

A pedestrian bridge over the creek.

Select the bridge types :

Steel

Water Access

Develop access point

Number of designated water access points:

1

Describe the designated water access point (stairs, ramp, etc.):

The 9' concrete paved ADA accessible path will be located under the southern railroad bridge abutment.

General restoration activities

Other restoration activities

Describe the other restoration activities:

Relocating park infrastructure: new benches, picnic tables, restroom enclosure. Rerouting pedestrian circulation: crushed rock and asphalt paths, 7 viewpoints, a boardwalk over existing wetland,

Restoration signs

Number of signs installed:

4

Cultural Resources

Cultural resources

Related to SRFB metrics.

Architectural & Engineering

Architectural & Engineering (A&E)










18-1259 Snohomish County Parks Dept, Meadowdale Beach Park - Amendment 1 Cost Change

Final Audit Report

2021-02-23

Created:	2021-02-23
By:	Lanlalit Nicolai (lanlalit.nicolai@rco.wa.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAZrzGo6knmKZQ1fjr_fhQf0VJP8ngdHkc

"18-1259 Snohomish County Parks Dept, Meadowdale Beach P ark - Amendment 1 Cost Change" History


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2021-02-23 - 4:33:49 PM GMT- IP address: 198.238.202.135
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2021-02-23 - 5:03:48 PM GMT- IP address: 104.47.64.254
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Approval Date: 2021-02-23 - 5:04:10 PM GMT - Time Source: server- IP address: 198.238.202.135
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2021-02-23 - 5:04:11 PM GMT

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Signature Date: 2021-02-23 - 5:05:20 PM GMT - Time Source: server- IP address: 198.238.202.135

 Document emailed to mark jarasitis (mark.jarasitis@rco.wa.gov) for acceptance

2021-02-23 - 5:05:22 PM GMT

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2021-02-23 - 7:06:12 PM GMT- IP address: 104.47.64.254

 Document accepted by mark jarasitis (mark.jarasitis@rco.wa.gov)

Acceptance Date: 2021-02-23 - 8:29:47 PM GMT - Time Source: server- IP address: 198.238.202.135

 Agreement completed.

2021-02-23 - 8:29:47 PM GMT