
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 07/11/2022

Report Period

From 01/01/2022 To 06/30/2022

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.

Project site access including beach access via trail or limited access ADA road was closed to public on 4/11/22. The site contractor began remobilizing early May. Since estuary work is tied to freshwater fish window July 1 only limited work has been completed with majority starting July 1. Grant work performed includes re-compaction of the pedestrian bridge liquefaction over-excavation areas at north and south bridge abutments with both achieving specified density. Both test and production pin piles were driven for the pedestrian bridge. BNSF commenced and completed driving all 48 piles for the two bridges and the temporary pad landward of the railroad embankment needed for the railroad crossing which will accommodate both bridge installation and beach grading was installed. Contractor provided several material submittals for review (pedestrian bridge, diamond piers for boardwalk, landslide barrier wall associated with restroom enclosure, earthen materials for ramp and bridge submittals for BNSF). Non-grant related items include storm and electric utilities partially installed, demo of the picnic shelter which was necessary based on a recent structural evaluation; a new (same size) shelter to be added and constructed under current contractor's contract.

#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.

We anticipate all grant elements will be installed by end of next reporting period. This work would entail beach grading, excavating the remaining sections of the estuary and importing and placing all substrates including sand and topsoils, fabric, irrigation, landscaping; installation of park elements including pedestrian bridge, park elements (benches, tables, interpretive signage), remaining snags and LWD, restroom enclosure, paths and installation of the two railroad bridges to provide widened opening. Non-grant related work includes re-work of estuary restored last year to asbuilt conditions. This work is necessary due to reversing sequence of work in 2021 when BNSF was unable to install bridges last year. The estuary performed fairly well over winter in spite of lack of a widened opening and without tidal exchange fully restored; but because the pumped bypass was lost in a storm event the starter channel was disturbed and because the site was not fully stabilized due to early rainfall events (September 18) sediment accumulated and because landscaping was not installed weed seeds were able to take root so all of that needs to be addresses. Additionally contaminated soils and g/w discovered in 2021 will be completely removed. The last two items of work will not be billed to RCO for the project..

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Milestones

Milestone	Target Date	Completed	Delayed	New Target Date	Progress/Reason for Delay
RCO Interim Inspection	07/15/2022	<input type="checkbox"/>	<input checked="" type="checkbox"/>	07/15/2022	Scheduled and accepted for 7/15/22
Annual Project Billing Due	07/30/2022	<input type="checkbox"/>	<input checked="" type="checkbox"/>	07/30/2022	Nothing billed 01/01/22-06/30/22
50% Construction Complete	08/05/2022	<input type="checkbox"/>	<input checked="" type="checkbox"/>	08/05/2022	BNSF delay due to CA. wildfires that took out 2 BNSF bridges and a tunnel. BNSF resources (equipment/staff) were needed for emergency repairs. Estuary work delayed until 2022 fish window (freshwater window starts July 1)
90% Construction Complete	10/31/2022	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/31/2022	Estimate BNSF bridges to be installed mid and late August. Removal of culvert and embankment material and grading beneath prism must occur following bridge installation.
Restoration Complete	11/01/2022	<input type="checkbox"/>	<input type="checkbox"/>		
Funding Acknowl Sign Posted	11/30/2022	<input type="checkbox"/>	<input type="checkbox"/>		
Stewardship Plan to RCO	11/30/2022	<input type="checkbox"/>	<input type="checkbox"/>		
Annual Project Billing Due	12/31/2022	<input type="checkbox"/>	<input type="checkbox"/>		
Progress Report 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 type="checkbox"/>		
Final Report Due	04/30/2023	<input type="checkbox"/>	<input type="checkbox"/>		
Final Design to RCO <i>As Builts</i>	04/30/2023	<input type="checkbox"/>	<input type="checkbox"/>		
Agreement End Date	06/30/2023	<input type="checkbox"/>	<input type="checkbox"/>		
	Need amendment to change				
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 Resoures (EO 05-05)	DAHP	03/15/2018	10/08/2018		NWS-2018-260
		Note: Requires Construction Monitoring			
Clear & Grade Permit	City/County	03/12/2020	10/29/2020	10/29/2023	19-103913LDA

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Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
Clear & Grade Permit	City/County	Note: Snohomish County - waiting on final 100% submittal to County.			
Cultural Assessment [Section 106]	DAHP	03/15/2018	10/05/2020		NWS-2018-260-WRD
Dredge/Fill Permit [Section 10/404 or 404]	Army Corps of Eng.	03/15/2018	06/06/2019	03/18/2022	NWS-2018-260-WRD
Endangered Species Act Compliance [ESA]	US Fish & Wildlife	03/15/2018	02/28/2019		
Hydraulics Project Approval [HPA]	Dept of Fish & Wildlife	06/22/2018	08/12/2020	08/10/2025	15217
Nationwide Permit	Army Corps of Eng.	03/15/2018	06/06/2019		NWS-2018-260-WRD
NEPA	Federal Agencies	01/22/2020	03/02/2020		
SEPA	Local or State	04/01/2019	05/29/2019		
Water Quality Certification [Section 401]	County/Dept of Ecy.	03/15/2018	06/06/2019		
Shoreline Permit	City/County	07/06/2018	06/14/2019	06/14/2024	18-120542
Shoreline Permit	City/County	Note: Substantial Development - County -			
Shoreline Permit	City/County	07/06/2018	06/14/2019	06/14/2024	18-120547
Other Required Permits		Note: Conditional Use - Issuance pending Land Disturbing Activity Permit Approval.			
Other Required Permits		06/17/2021			
Other Required Permits		Note: Right of Way Use Permit - City; Contractor has applied but not issued yet.			
Other Required Permits		Note: Coastal Zone Management Act consistency Determination - Ecology			
Other Required Permits		Note: Right of Way Use Permit -County; not needed			
Other Required Permits		07/06/2018	11/30/2020	05/30/2022	18-120538FHZ
Other Required Permits		Note: Flood Hazard Permit - County: Issuance pending approval of County Land Disturbing Activity permit			
Other Required Permits		05/04/2020	04/28/2021		
Other Required Permits		Note: Railroad Safety Crossing Certification - Washington UTC; submitted to BNSF May 2020 for their approval prior to submittal to UTC; Order issued. No expiration date.			
Other Required Permits		05/12/2020	06/14/2021		BF10014348
Other Required Permits		Note: BNSF Agreement - Executed 6/14/21; no expiration date			
Other Required Permits		08/04/2020			WAR309807
Other Required Permits		Note: Washington Dept. of Ecology Construction Stormwater Permit - Issued February 16, 2021			
Other Required Permits		06/14/2021	09/02/2021	08/28/2022	
Other Required Permits		Note: City of Edmonds Haul Permit			
Other Required Permits			05/13/2022	05/13/2024	
		Note: BNSF Crossing Permit with County Contractor (for crossing railroad to perform beach grading and shoring installation between tracks.			

Permit Questions

#1: Any additional mitigation requirements? If so, please describe.

No

#2: Are there any additional permits required? If so, please describe.

Yes

Temporary Crossing Agreement with Railroad (Contractor). Application submitted in July 2021 .
Received 5/13/22.

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#3: Did you use the federal permit streamlining process (Limit 8)? If yes, please attach your Limit 8 Self Certification Form.

No

#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 ped bridge and landslide hazard wall will be obtained by Contractor once submittals are approved.

Attachments

PHOTOS (JPG, GIF)

Photos (JPG, GIF)



522092



522093



522094



522095



522107

PROJECT DOCUMENTS AND PHOTOS

Project Documents and Photos

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	06/30/2022	Photo	LateSpringInvasives.JPG	LoganD	LateSpringInvasives.jpg, 522111 Progress Report, 07/11/2022, Accepted	✓
	06/30/2022	Photo	ClosureBeachAccessFromTrail.JPG	LoganD	ClosureBeachAccessFromTrail.jpg, 522110 Progress Report, 07/11/2022, Accepted	✓
	06/30/2022	Photo	Closure_ADAAccessRoad.JPG	LoganD	Closure_ADAAccessRoad.jpg, 522109 Progress Report, 07/11/2022, Accepted	✓
	06/30/2022	Photo	Meander_EarlySpring.JPG	LoganD	Meander_EarlySpring.jpg, 522107 Progress Report, 07/11/2022, Accepted	✓
	06/30/2022	Photo	TemporaryPadforRRx-ing.JPG	LoganD	TemporaryPadforRRx-ing.jpg, 522095 Progress Report, 07/11/2022, Accepted	✓
	06/30/2022	Photo	BNSFPileDriving_LookingNorth.JPG	LoganD	BNSFPileDriving_LookingNorth.jpg, 522094 Progress Report, 07/11/2022, Accepted	✓
	06/30/2022	Photo	BridgePiles_FullyDriven.JPG	LoganD	BridgePiles_FullyDriven.jpg, 522093 Progress Report, 07/11/2022, Accepted	✓
	06/30/2022	Photo	PedestrianBridge_Pin Pile Install.jpg	LoganD	PedestrianBridge_Pin Pile Install.jpg, 522092 Progress Report, 07/11/2022, Accepted	✓

Certify & Submit

Status History

Report Status	Date	User	Note
Accepted	07/11/2022	Elizabeth Butler	Thank you for the update, Logan~ I look forward to seeing you on Friday. Sounds like Kay Caromile won't be able to join us, but I'll take lots of pictures, so she will be able to see the excellent progress made. with gratitude, Elizabeth
Submitted	06/30/2022	Logan Daniels	
Draft	06/30/2022	Logan Daniels	