

Project #14-1299, Willow Creek Daylighting Preliminary Design

Current Status: Application Submitted

Project Details

Primary Sponsor: City of Edmonds

Primary Contact: Jerry Shuster
(425) 771-0220
Jerry.Shuster@edmondswa.gov

Funding Program: Salmon State Projects

Lead Entity: WRIA 8 Lead Entity (King County)

Project Type: Planning

Project Description

City of Edmonds will use this funding to prepare preliminary design plans for the daylighted channel connection of Edmonds Marsh to Puget Sound by reconfiguring Willow Creek connection under BNSF railroad and across Marina Beach. Permit applications will be completed during this project phase, and the project team will continue negotiations with adjacent landowners regarding project design elements. The overall goal is restoration of Edmonds Marsh, a remnant barrier estuary located in the nearshore within the City of Edmonds (WRIA 8). This future restoration action is being designed to benefit juvenile Chinook salmon. The full scope of restoring Edmonds Marsh involves: 1) construction of a 'daylight' tidal channel connection from Edmonds Marsh to Puget Sound, 2) improvement of fish passage barrier issues and tributary connectivity upstream of the marsh complex, 3) eradicating invasive species, and 4) addressing potential water quality and flooding issues from urban stormwater runoff. In addition, the project will address access and recreation opportunities, economic and social value of a restored ecosystem in terms of climate change and sea-level rise preparedness, carbon sequestration capacity, and economic value of ecosystem services. This project builds upon previous planning grants (11-1553 and 13-1107) focused on feasibility and conceptual design alternatives for the marsh restoration project.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric

Application Answer

Completion Date

Projected date of completion	10/31/2015
------------------------------	------------

Sponsor Match: Monetary Funding

Amount of other monetary funding	\$36,160.00
Project identifier for the other monetary funding	City of Edmonds Capital Projects budget
Source of other monetary funding	City of Edmonds

Sponsor Match: Donated Un-paid Labor (volunteers)

Value of Donated Unpaid Labor (Volunteers)	\$0.00
Source of Donated Un-paid labor contributions	N/A

Sponsor Match: Donated Paid Labor

Value of Donated Paid Labor	\$0.00
Source of Donated Paid Contributions	N/A

Sponsor Match: Other In-kind Contributions

Value of Other In-Kind Contributions	\$0.00
Source of Other In-Kind Contributions	N/A
Description of other In-Kind contributions	N/A

Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Salmon State Projects	\$157,331	81.31 %		Appropriation \ Cash	\$36,160
Sponsor Match	\$36,160	18.69 %	15%		
Total Project Funding	\$193,491	100.00 %			

Project Cost Summary

PLANNING COSTS

		Project %	Admin/A&E %	Maximum for Selected Program
Planning	\$193,491			
A&E	\$0		0.00 %	\$58,047 (30%)
Subtotal	\$193,491	100.00 %		
Total Cost Estimate	\$193,491	100.00 %		

Worksites and Properties

County: Snohomish

Legislative Districts 2012: 21

Congressional Districts 2012: 07

Salmon Recovery Regions: Puget Sound
DNR Watershed Units (WAU): Puget
4th Field Catalog Units (HUC): KITSAP
WRIA: Cedar-Sammamish
Sections: 23
Township: T27NR03E
Coordinates: 47.80759644
-122.38749635

Worksite #1: Edmonds Marsh

Coordinates from Mapped Point:	Latitude: 47.80759644	Longitude: -122.38749635
Coordinates from Worksite	Latitude: 47.808613	Longitude: -122.386262
Directions:		

Worksite Description: Edmonds Marsh is a 28-acre remnant of a historical 100+-acre barrier estuary and marsh complex located a short distance from the downtown area in the suburban City of Edmonds. Activities include preparing a preliminary design for the daylighting of Willow Creek to connect with Puget Sound. Surveys in the worksite may be required to prepare the necessary environmental documentation to accompany the permit applications.

Site Access Directions: I-5 north or I-5 south: Exit 177 towards Edmonds/Kingston Ferry and SR 104. Slight right onto Edmonds Way/SR 104 W. Stay left towards Kingston Ferry. Turn left onto Dayton Street. Turn left into Harbor Square Business Complex. Park is along the south side of Harbor Square Business Complex.

Worksite Address:

Planning Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU	
Targeted species (non-ESU species)	Cutthroat	
Area Encompassed (acres)	28.0	
Miles of Stream Affected	0.10	
Design for Salmon restoration		
Preliminary design		
Total cost for Preliminary design		\$193,491.00
Name of Plan	Willow Creek Estuary Restoration Preliminary Design	
Description of Plan	Preliminary design to daylight Willow Creek and restore fish access to Edmonds marsh.	

Planning Questions

- 1 of 3

Has the worksite been investigated for historical, archeological, or cultural resources? If yes, when did this occur and what agencies and tribes were consulted? Attach related documents (letters, surveys, agreements, etc.) to your project in PRISM.

The required Cultural Resources Review is occurring during Final Feasibility Phase (RCO PSAR funded proj # 13-1107). Consultation will be coordinated with DAHP and Tribes during the Final Feasibility phase between 5/2014 and 10/2014.
- 2 of 3

What is the current land use of the site, and its history?

The worksite has four properties. Edmonds Marsh property is currently protected and managed for wildlife habitat by the City of Edmonds Parks and Recreation and Cultural Services Department. The marsh was historically a 100+ acre barrier estuary complex, which was partially filled and developed during settlement of the Edmonds area, leaving a 28-acre fresh and brackish marsh remnant. The Unocal property is currently owned by Chevron. The property is in escrow with WSDOT Ferries Division, who is the anticipated future landowner that this project will need to negotiate with. The 23-acre Unocal site was formerly a Bulk Fuel Terminal and asphalt plant, which operated from the 1920's to the 1990's. Cleanup began at the site in 2001 with additional cleanup in 2007. The site is currently still in remediation under the guidelines on Department of Ecology. The BNSF right-of-way property is an active railroad right of way. BNSF is in the process of adding a second rail line on this property. There are two culverts under the current and future track that can accommodate the future daylighted Willow Creek. Marina Beach is a public park owned by City of Edmonds. It features a natural beach area and facilities in the upland including a playground, picnic tables, lawn areas and parking. The southern portion of the park is currently the Edmonds Off-Leash dog-park. The beach feature and adjacent uplands were created due to the collection of sediment over time through littoral drift along the shoreline that was disrupted upon the construction of the Port of Edmonds Marina breakwater in the 1960's.
- 3 of 3

Is the worksite(s) located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site? If yes, name the area and specify if the land is owned by local, state or federal government.

Yes, The Edmonds Marsh property is protected as a natural area preserve by the City of Edmonds. The Marina Beach property is a public city park owned by City of Edmonds.

Property for Edmonds Marsh Worksite #1: BNSF Right-of-Way

Activity: Planning

Landowner
BNSF Railway Co.
PO Box 961056
Fort Worth, TX 76161-0056

Landowner Type: Private

Control and Tenure
Instrument Type: Lease
Purchase Type:
Term Length: Perpetuity
Expiration Date:

Note: It is to be determined what type and length of control and tenure will be most appropriate for this project. The project team is currently reaching out to BNSF to begin this process.

Property for Edmonds Marsh Worksite #1: Edmonds Marsh

Activity: Planning

Landowner
City of Edmonds
121 5th Ave N
Edmonds, WA 98020

Landowner Type: Local Government

Control and Tenure
Instrument Type: Sponsor owned property
Purchase Type:
Term Length: Perpetuity
Expiration Date:
Note:

Property for Edmonds Marsh Worksite #1: Marina Beach

Activity: Planning

Landowner
City of Edmonds
121 5th Ave N
Edmonds, WA 98020

Landowner Type: Local Government

Control and Tenure
Instrument Type: Sponsor owned property
Purchase Type:
Term Length: Perpetuity
Expiration Date:
Note:

Property for Edmonds Marsh Worksite #1: Unocal Property

Activity: Planning

Landowner
Chevron
6101 Bollinger Canyon Rd
San Ramon, CA 94583

Landowner Type: Private

Control and Tenure
Instrument Type: Easement
Purchase Type:
Term Length: Perpetuity
Expiration Date:
Note: This property is in escrow with WSDOT Ferries Division. It is anticipated that Ferries will be the property owner when this project goes to construction.

Overall Project Questions

- 1 of 5

Do you need state SRFB dollars (not Federal) to match the requirements of any other federal funding you will be using to complete this project. If Yes, please state the amount of state dollars needed out of your total request.

No
- 2 of 5

Describe any ground disturbing work that will be necessary as part of the design process, such as geotech work. Include anticipated number of test sites, depth of disturbance, location, etc.

Geotech work on this project has begun during the current final feasibility phase. We anticipate additional geotechnical work will be necessary during the early design phase, as well. Number of test sites, depth of disturbance and locations will be determined by the conclusion of the current project phase by November 2014.
- 3 of 5

Is the project on State Owned Aquatic Lands? Please contact the Washington State Department of Natural Resources to make a determination. (www.dnr.wa.gov/Publications/aqr_land_manager_map.pdf)

No, DNR staff has confirmed this project does not occur on State-owned aquatic lands (pers comm. With Brenda Werden, WDNR on 4/12/2013). Email communication with DNR has been added to the project attachments on PRISM.
- 4 of 5

For grants listed in the Sponsor Match Category section on the Funding Request tab, list the grant source(s), when the funds were (or will be) secured, and how long the grant funds will be available to this project.

N/A
- 5 of 5

Describe the type and timing of donated labor (skilled and unskilled), donated equipment, and donated materials that will be used for this project, identified in the Sponsor Match Category section on the Funding Request tab.

N/A

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Archeological & Cultural Resources (EO 05-05)				
Clear & Grade Permit				
Cultural Assessment [Section 106]				
Dredge/Fill Permit [Section 10/404 or 404]				
Hydraulics Project Approval [HPA]				
SEPA				
Shoreline Permit				
Water Quality Certification [Section 401]				

Project Attachments

Required Attachments 5 out of 5 done

Cost Estimate	<input checked="" type="checkbox"/>
Map: Area of Potential Effect (APE)	<input checked="" type="checkbox"/>
Map: Planning Area	<input checked="" type="checkbox"/>
Photo	<input checked="" type="checkbox"/>
Salmon Project Proposal	<input checked="" type="checkbox"/>

Photos

Attachment Type	Title	Attach Date
Application Review Report	Application Review Report, 14-1299P(rtnd 04/28/14 13:40:36).pdf	04/28/2014
Correspondence	RE_ DNR easement or RoW requirement for Edmonds Marsh daylig.pdf	07/28/2014
Cost Estimate	CostEstimates-ProjectBudget_WillowCreek_PrelimDesign_4-24-14.xlsx	04/24/2014
Design document	Design Deliverables_REVISED_SCHEDULE_20140807.xlsx	08/07/2014
Map: Planning Area	Edmonds_Marsh-CONCEPT_DESIGN_FINAL.pdf	04/25/2014
Photo	Historic 1870 Map.pdf	04/25/2014
Photo	Edmonds_marsh_image2012.jpg	04/24/2014
Photo	Edmonds Marsh aerial.jpg	04/24/2014
Project Application Report	Application Report, 14-1299P (submitted 04/24/14 13:01:09).pdf	04/24/2014
Salmon Project Proposal	Appendix_C_PlanningCombProposal_WillowCreek_PrelimDesign_7-2.doc	08/07/2014

Application Status

Application Due Date: 08/15/2014

Status	Status Date	Name	Notes
Application Submitted	08/07/2014	Keeley O'Connell	Hi Elizabeth, I'm pleased to submit this salmon project application on behalf of the City of Edmonds. Thanks, Keeley
Application Returned	04/28/2014	Elizabeth Butler	Hi there, This is to return the application to you -- the submittal is not due until August. -- but please note there are a number of comments to consider as you prepare the final submittal Best wishes, Elizabeth
Application Submitted	04/24/2014	Keeley O'Connell	Elizabeth, We're pleased to submit an application for Preliminary design for 2014 SRFB funding. Thanks, Keeley
Preapplication	03/26/2014		

I certify that to the best of my knowledge, the information in this application is true and correct. Further, all application requirements due on the application due date have been fully completed to the best of my ability. I understand that if this application is found to be incomplete, it will be rejected by RCO. I understand that I may be required to submit additional documents before evaluation or approval of this project and I agree to provide them. (Keeley O'Connell, 08/07/2014)