

Samamish River Side Channel Restoration - Ph 3

Project Details

Project Status: Active since 03/07/2016

Planned Completion: 10/01/2018

This project is in progress. Project scope, activities, and dollars may change.

Project Type: Restoration

Project Sponsor: City of Bothell

Funding Board: Salmon Recovery Funding Board

Funding

Puget Sound Acq. & Restoration:	\$168,968
Salmon State Projects:	\$433,356
Total RCO Grant:	\$602,324 (83%)
Sponsor Match:	\$120,434 (17%)
Total Agreement:	\$722,758 (100%)

RCO Grant Status

Total RCO Grant:	\$602,324.00
Paid To Date:	\$208,346.63 (35%)
Grant Balance:	\$393,977.37 (65%)

Links

Original Project Agreement
Progress Report: 12/23/2016
Attachments: 35 files

Project Description

The City of Bothell proposes to construct the Sammamish River Side Channel restoration project, located in Sammamish River Park. The site includes cold water springs providing cool water refuge during summer months. Restoration highlights:

- Reconnect a 1,080 foot relic side channel and floodplain to the Sammamish River providing accessible off-channel rearing habitat for Chinook and Coho salmon.
- In stream habitat improvements include installing thirty five log structures, five pools, and two box culverts to facilitate flows into and out of the side channel.
- Enhance six acres of riparian and wetland floodplain through control of reed canary grass and blackberry and 2.6 acres of riparian and wetland planting to enhance native habitat.

A key project in the 2002 Sammamish River Corridor Action Plan, this proposal responds directly to the 2005 WRIA 8 Chinook Recovery Plan. The design was selected from the Sammamish Side Channel Restoration Feasibility Study (11-1517) completed in 2013 (Preferred Alt 3 with a partial of Alt 1B for riparian enhancement). Final Designs for this project were completed as part of Sammamish Side Channel Restoration Design (13-1133) completed in 2015.

Project Contacts

Project Sponsor: City of Bothell

Lead Entity: Lake Washington/Cedar/Sammamish Watershed
(WRIA 8) Lead Entity

Project Contact: Andy Loch
andy.loch@ci.bothell.wa.us
(425) 486-2768

Funding Agency: Recreation and Conservation Office

Project Manager: Josh Lambert
Josh.Lambert@rco.wa.gov
(360) 725-3935

Project Location

General Area: Sammamish River

County: King

Legislative Districts 2012: 01

Congressional Districts 2012: 01

Salmon Recovery Regions: Puget Sound

DNR Watershed Units (WAU): LAKE WASHINGTON, N

4th Field Catalog Units (HUC): Lake Washington

WRIA: Cedar-Sammamish

Sections: 07

Township: T26NR05E

Coordinates: 47.75697046
-122.20841334

Worksites

Worksite Name	Scope of Work	Proposed Restoration Cost
Sammamish River Side Channel Restoration (#1)	Architectural & Engineering (A&E), Channel reconfiguration and connectivity (C.4.c.1), Channel structure placement (C.4.d.1), Cultural resources, Obtain permits, Planting (C.5.c.1), Restoration signs, Riparian Plant removal / control (C.5.h.1)	\$722,758
Total		\$722,758

Properties

Worksite Name	Property Name	Landowner Type
Sammamish River Side Channel Restoration (#1)	Property 1 - Sammamish River Park	Local Government
Sammamish River Side Channel Restoration (#1)	Property 2 - King County Trail	Local Government
Sammamish River Side Channel Restoration (#1)	Property 3 - State Owned Aquatic Lands	State Government
Total		

Project Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Proposed
Restoration Metrics (rolled up from Worksite level)	
Instream Habitat Project	
Channel reconfiguration and connectivity (C.4.c.1)	
Miles of Off-Channel Stream Created (C.4.c.4)	0.21
Acres Of Channel/Off-Channel Connected Or Added (C.4.c.5)	0.3
Instream Pools Created/Added (C.4.c.6)	5
Channel structure placement (C.4.d.1)	
Miles of Stream Treated for channel structure placement (C.4.d.3)	0.21
Acres Of Streambed Treated for channel structure placement (C.4.d.4)	0.3
Pools Created through channel structure placement (C.4.d.5)	5
Number of structures placed in channel (C.4.d.7)	35
Riparian Habitat Project	
Planting (C.5.c.1)	
Acres Planted in riparian (C.5.c.3)	2.6
Riparian Plant removal / control (C.5.h.1)	
Acres of riparian treated for plant removal/control (C.5.h.3)	6.0
Permits	
Obtain permits	
Number of permits required for implementation of project	8
Riparian Habitat Project	
Planting (C.5.c.1)	
Miles of streambank planted (C.5.c.4)	0.21
Riparian Plant removal / control (C.5.h.1)	
Miles of streambank treated for plant removal/control (C.5.h.4)	0.21
Planting (C.5.c.1)	
Average Riparian Width	50

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Shoreline Permit	06/18/2014	03/27/2015	03/27/2020	SEP2014-05110
Hydraulics Project Approval [HPA]	05/19/2015	06/26/2015	06/25/2020	2015-4-455+01
Building Permit				
Clear & Grade Permit	03/24/2016	06/13/2016	06/13/2017	GRA2016-12582
SEPA	06/23/2014	10/22/2014	10/22/2019	SEP2014-05110
Cultural Assessment [Section 106]	05/19/2015	06/28/2016		
Nationwide Permit	05/19/2015	06/28/2016	03/18/2018	NWS-2015-465
Aquatic Lands Use Authorization	07/08/2015	07/19/2016	07/14/2021	23-093224
Other Required Permits	03/15/2016	05/10/2016	05/31/2018	SUSP16-0014

Project Milestones

Milestone Name	Target Date	Description
Project Start	12/09/2015	

Preliminary Design to RCO	12/09/2015	Completed 08/01/2014 (previous SRFB project)
Cultural Resources Complete	12/09/2015	Completed 10/12/2012 (previous SRFB project)
Final Design to RCO	12/09/2015	Completed with previous SRFB project
Applied for Permits	01/31/2016	City Grading and drainage permits (JARPA Completed with previous SRFB project)
Permits Complete	02/28/2016	SEPA, Shoreline Management Act, Wa Dept Fish and Wildlife, HPA. Expect JARPA and city grading and drainage permit approvals
Landowner Agreement to RCO	03/30/2016	City of Bothell, King County, and WA Dept Natural Resources
Bid Awarded/Contractor Hired	05/30/2016	
Restoration Started	07/01/2016	
Annual Project Billing	08/31/2016	submitted 10/25/2016
Progress Report Submitted	08/31/2016	
Progress Report Submitted	12/31/2016	
Progress Report Submitted	06/30/2017	
Progress Report Submitted	08/31/2017	
Annual Project Billing	08/31/2017	
Funding Acknowl Sign Posted	12/31/2017	
Stewardship Plan to RCO	12/31/2017	
Special Conditions Met	12/31/2017	As-built drawings submitted to RCO
Progress Report Submitted	03/30/2018	
RCO Final Inspection	06/30/2018	
Restoration Complete	06/30/2018	
Agreement End Date	10/01/2018	
Final Report in PRISM	12/31/2018	
Final Billing to RCO	12/31/2018	

NOTE: This data is subject to change.

Project Attachments

Attachment Type	Attachment Title	Attach Date
Agreement - State	15-1054 Project Agreement.pdf	03/07/2016
Application Review Report	Application Review Report, 15-1054R(compl 08/21/15 14:54:33).pdf	08/21/2015
Authorizing Resolution/Application Authorization	15-1054 Signature Authorization Resolution.pdf	03/21/2016
Certification of Applicant Match	15-1536 Match Deferral.pdf	05/10/2016
Cost Estimate	PhaseIIISRFB_Cost_Estimate.xlsx	03/31/2015
Design document	MM103_PDV_Sammamish River Corps Project Integrity Memo - Dra.pdf	03/29/2015
Design document	MM101_PDV_SammamishTechMemotoWDFW_Draft.pdf	03/29/2015
Design document	SammamishRiverOCHPeliminaryDesignReport-Final sp.pdf	03/29/2015
Design document	2015-03-25 JARPA SammSideChannel.pdf	03/29/2015
Map: Area of Potential Effect (APE)	ESAParagon_SammamishSideChannelCultAssesProjectArea.pdf	03/29/2015
Map: Restoration Worksite	2015-03-25 JARPA SammSideChannelwrksite.pdf	03/29/2015
Permit	AGR 16-132 FullyExecuted_2016.pdf	08/05/2016
Permit	Hydraulic Project Approval SammSdChannel 4326 take two.pdf	08/05/2016
Permit	COB-grading-permit.pdf	08/05/2016
Permit	Ecology_Const-SW-Permit-Transfer-Razz.docx	08/05/2016
Permit	Permission Letter _signed.pdf	08/05/2016
Permit	RevisedFnLtr_ACE_Section408_6_15_2016.pdf	08/05/2016
Permit	PWdirSignedletter408Request.pdf	08/05/2016
Permit	scannedDocJARPA.pdf	08/05/2016
Permit	NWS-2015-465 Project Drawings (3-4-16).pdf	08/05/2016
Permit	Shoreline Exemption.pdf	03/29/2015
Photo	PB180025.jpg	12/06/2016
Photo	channel-habitat-logs.jpg	12/06/2016
Photo	Bothell 1903 watermark.jpg	03/29/2015
Photo	View from sidewalk 102ndAveNE2010.jpg	03/29/2015
Photo	Upstream Culvert from park.jpg	03/09/2015
Photo	Upstream culvert from river.jpg	03/09/2015
Photo	Culvert upstream.jpg	03/09/2015
Progress report	Progress Report 12/23/2016.pdf	12/23/2016
Progress report	Progress Report 08/22/2016.pdf	08/22/2016
Project Application Report	Application Report, 15-1054R (submitted 08/03/15 09:13:28).pdf	08/03/2015
Salmon Project Proposal	Appendix_C_ProposalpostAppCmnts_6_26_2015.docx	06/26/2015
Special Agreements	SUPS16-0014 EXECUTED.pdf	08/05/2016
SRFB Review Panel Comment Form	15-1054 Sammamish River Channel Restoration Phase 3 Comment .pdf	01/29/2016
Video	Upstream-culvert 08-23-16.mov	12/06/2016