

Duwamish Gardens Restoration

Project Details



Tukwila City of, Duwamish Gardens Restoration (#13-1099)
Attachment #274483, Breach Day (3)

Project Status: Active since 07/28/2014
Planned Completion: 07/03/2017
This project is in progress. Project scope, activities, and dollars may change.

Project Type: Restoration
Project Sponsor: City of Tukwila
Funding Board: Salmon Recovery Funding Board

Funding

Puget Sound Acq. & Restoration: \$1,072,081
Salmon State Projects: \$327,353
Total RCO Grant: \$1,399,434 (71%)
Sponsor Match: \$581,523 (29%)
Total Agreement: \$1,980,957 (100%)

RCO Grant Status

Total RCO Grant: \$1,399,434.00
Paid To Date: \$761,722.38 (54%)
Grant Balance: \$637,711.62 (46%)

Links

Original Project Agreement
Amendments: 2
Progress Report: 11/17/2016
Attachments: 49 files

Project Description

City of Tukwila proposes to complete Duwamish Gardens estuary restoration project, creating valuable shallow water habitat and native riparian vegetation on a 2.34 acre site owned by the City (Acq 06-2199) and on adjacent WADNR aquatic lands. The site is located on the right bank of the Duwamish River immediately downstream of river mile 7.0 between the Codiga Farms restoration at RM 8.5 and North Wind's Weir restoration at RM 6.4, in the high priority Duwamish Estuary "transition zone" between fresh and salt water. Off channel and shallow water habitats in this stretch of the Duwamish are needed to provide opportunities for juvenile Chinook to move out of the main channel to habitats where they can feed and rear. Longer residence times in the estuary allow for larger, healthier smolts prior to ocean migration, and thus, improved survival. The property is among the largest available site for habitat restoration remaining in the Duwamish corridor. The new habitat will be created by excavating 30,000 cubic yards of material to establish approximately ~0.89 acre of shallow water mudflat and marsh habitat, and ~1.24 acre of restored riparian area. Additional park enhancements will include a small parking lot, pedestrian trail, and river viewpoint, to be installed with non-SRFB funds. Interpretive signs and/or art work will feature the cultural history of the area and ecological features of the site.

Project Contacts

Project Sponsor: City of Tukwila

Lead Entity: Green, Duwamish, and Central Puget Sound Watershed (WRIA 9) Lead Entity

Project Contact: Mike Perfetti
Mike.Perfetti@TukwilaWA.gov
(206) 433-7192

Funding Agency: Recreation and Conservation Office

Project Manager: Amee Bahr
Amee.Bahr@rco.wa.gov
(360) 725-3943

Project Location

General Area: Lower Duwamish, Tukwila

County: King

Legislative Districts 2012: 11

Congressional Districts 2012: 09

Salmon Recovery Regions: Puget Sound

DNR Watershed Units (WAU): GREEN-DUWAMISH,
LOWER

4th Field Catalog Units (HUC): Duwamish

WRIA: Duwamish-Green

Sections: 10

Township: T23NR04E

Worksites

Worksite Name	Scope of Work	Proposed Restoration Cost
Duwamish Gardens (#1)	Architectural & Engineering (A&E), Creation of new estuarine area (C.9.q.1), Cultural resources, Estuarine planting or native plant establishment (C.9.r.1), Exclusion devices (C.9.p.1), Obtain permits, Regrading of slope (C.9.i.1), Removal of existing fill material (C.9.g.1), Restoration fencing and gates, Traffic control, Utility relocation / reconnection	\$1,250,957
Total		\$1,250,957

Amounts may not be comparable.

Properties

Worksite Name	Property Name	Landowner Type
Duwamish Gardens (#1)	Property 1 - Duwamish Gardens	Local Government
Total		

Amounts may not be comparable.

Project Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Proposed
Restoration Metrics (rolled up from Worksite level)	
Estuarine / Nearshore Project	
Removal of existing fill material (C.9.g.1)	
Acres of Estuary Treated through fill material removal (C.9.g.2)	0.9
Regrading of slope (C.9.i.1)	
Acres of Estuary Treated through slope regrading (C.9.i.2)	0.9
Exclusion devices (C.9.p.1)	
Acres Treated with exclusion devices (C.9.p.2)	0.5
Creation of new estuarine area (C.9.q.1)	
Acres of Estuary Created (C.9.q.2)	0.9
Permits	
Obtain permits	
Number of permits required for implementation of project	1

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Dredge/Fill Permit [Section 10/404 or 404]	09/30/2013	03/16/2015	03/18/2017	NWS-2011-199
Building Permit	01/31/2014			
Endangered Species Act Compliance [ESA]	09/30/2013	03/16/2015	03/18/2017	NWS-2011-199
SEPA	09/30/2013	04/16/2014	04/16/2016	E13-15
Hydraulics Project Approval [HPA]	09/30/2013	05/28/2014	05/27/2019	131349-1
Cultural Assessment [Section 106]	04/08/2013	02/23/2015		
Clear & Grade Permit	09/30/2013			
Aquatic Lands Use Authorization	09/30/2013	04/21/2015		51-090870

Project Milestones

Milestone Name	Target Date	Description
Applied for Permits	06/03/2013	
Project Start	12/05/2013	
Cultural Resources Complete	07/01/2014	MOA attached to PRISM
Final Design to RCO	07/31/2014	Attach final design as described in Manual 18 Appendix D-3 and design report to PRISM.
Progress Report Submitted	10/01/2014	
Annual Project Billing	12/31/2014	
Landowner Agreement to RCO	03/31/2015	DNR Right of Entry.
Permits Complete	03/31/2015	
Bid Awarded/Contractor Hired	04/01/2015	
Progress Report Submitted	05/29/2015	
Restoration Started	06/22/2015	
Progress Report Submitted	08/31/2015	
Progress Report Submitted	12/31/2015	
Progress Report Submitted	06/30/2016	

Restoration Complete	12/01/2016	
Final Design to RCO	12/30/2016	As Built As described in Appendix D-4.
Stewardship Plan to RCO	12/31/2016	Current plan needs revision and update.
RCO Final Inspection	01/10/2017	construction near complete, few items weather dependent
Progress Report Submitted	01/31/2017	
Funding Acknowl Sign Posted	05/05/2017	park naming delayed due to landowner negotiations re:Added Site Area
Final Report in PRISM	06/30/2017	
Progress Report Submitted	06/30/2017	
Agreement End Date	07/03/2017	End of Agreement; all expenditures must be incurred by this date.
Final Billing to RCO	08/30/2017	

NOTE: This data is subject to change.

Project Attachments

Attachment Type	Attachment Title	Attach Date
Agreement - Federal	US Army Corps Nationwide Permit 27.pdf	03/16/2015
Agreement - State	DNR - Signed Easement.pdf	06/10/2015
Agreement - State	HPA.pdf	10/03/2014
Amendment - State	13-1099 Amend #2 Cost Change.pdf	11/13/2015
Amendment - State	13-1099 Amend #1 Cost Change.pdf	06/01/2015
Amendment request	Allocation Request - Duwamish Gardens - PSAR Return Funds 20.pdf	08/27/2015
Amendment request	Cost Increase Agreement Amendment Request.docx	03/05/2015
Amendment request	Cost Increase Amendment Letter.doc	01/06/2015
Correspondence	Site Visit, Duwamish Gardens Estuary Restoration 2013 13-1099.pdf	04/04/2013
Cost Estimate	RCO Additional Funding Request 2.xlsx	09/24/2015
Design document	Duwamish_Gardens_60%_submittal_11x17[1].pdf	10/16/2013
Design document	Preliminary Design Report August 16, 2013.pdf	08/16/2013
Design document	DuwamishGardens_DesignDrawings07-31-2013.pdf	07/31/2013
Environmental Assessment (EA)	Letter for Soil Disposal 11-26-08.pdf	12/26/2013
Environmental Clearance	SEPA Determination.pdf	10/03/2014
Landowner acknowledgement form	Duwamish Gardens Jarpa Attachment E.pdf	08/13/2013
Landowner acknowledgement form	Landowner acknowledgement form (Appendix K) from Tukwila.pdf	03/29/2013
Map	Duwamish Gardens Vicinity Map.pdf	08/01/2013
Map	10-1605-14.pdf	03/29/2013
Map: Restoration Worksite	WRIA 9 Duwamish Gardens Site Aerial Photo.jpg	08/30/2012
Monitoring activity	UW Year 3 OSP Monitoring Report10_2010.pdf	07/25/2013
Photo	IMG_4584ps.jpg	11/16/2016
Photo	Breach Day (4).jpg	08/01/2016
Photo	Breach Day (3).jpg	08/01/2016
Photo	Breach Day (2).jpg	08/01/2016
Photo	Breach Day (1).jpg	08/01/2016
Photo	IMG_2912.jpg	06/30/2016
Photo	DSCN1693.jpg	03/29/2013
Photo	DSCN1698.jpg	03/29/2013
Photo	DSCN1691.jpg	03/29/2013
Photo	DSCN1695.jpg	03/29/2013
Photo	DSCN1694.jpg	03/29/2013
Photo	WRIA 9 Duwamish Gardens View of Shoreline Vegetation - Photo.jpg	08/30/2012
Photo	WRIA 9 Duwamish Gardens View from Rail Line - Photo.jpg	08/30/2012
Progress report	Progress Report 11/17/2016.pdf	11/17/2016
Progress report	Progress Report 12/23/2015.pdf	12/23/2015
Progress report	Progress Report 02/27/2015.pdf	02/27/2015
Project Application Report	Application Report, 13-1099R (submitted 08/16/13).pdf	08/16/2013
Project presentation	Duwamish GardensForum.pptx	11/06/2013
Project presentation	Duwamish Gardens.pptx	11/06/2013
Project presentation	April 2013 Site Visit.pptx	08/21/2013
Salmon Project Proposal	SRFB-PSAR-Project_Proposals_Rest_Acq_Comb-DuwGardens2013- eo.docx	07/29/2013
Salmon Project Proposal	WRIA 9 Duwamish Gardens Estuary Restoration Proposal.pdf	08/31/2012
SRFB Review Panel Comment Form	(13-1099) 2013 Review Panel Final Comments.doc	05/07/2014
SRFB Review Panel Comment Form	Response to Early Review Panel Comments.doc	07/31/2013
Survey-Property Boundary	DG_survey base Layout1 (1).pdf	03/29/2013
Undefined	DuwamishGardens_ArchaeologyWeekly_we 20150717.pdf	07/31/2015
Visuals	Duwamish Gardens_NOAA Lessons Learned Symposium Nov 2015.pdf	12/11/2015
Visuals	InundationChartDuwamishGardens.pdf	07/26/2013