WASHINGTON STATE
Recreation and
Conservation Office

# Project Application Report

## Project #13-1424, Meeker Creek Riparian and Stream Restoration

Current Status: Application Complete

## Project Details

**Primary Sponsor:** City of Puyallup

**Primary Contact:** Mark Paln
(253) 435·
mpalmer@

**Funding Program:** Salmon State Projects

**Lead Entity:** Pierce Co

**Project Type:** Restoration

## Project Description

The Meeker Creek Riparian and Stream Restoration will restore a 1,000-foot section of Meeker Creek in Puyallup, WA, transforming it from its current manmade trapezoidal ditch and returning it to a natural, meandering stream channel. This project will improve water quality by reducing untreated stormwater loading to the creek, improve shading to the stream by restoring the riparian vegetation, enhance juvenile salmon rearing habitat by providing in-stream refugia, and enhance spawning habitat for salmon straying from the Clarks Creek hatchery run. The priority species supported by this restoration project are Chinook and chum salmon, which have been documented in Meeker Creek. This restoration project will also support water quality and, therefore, salmon habitat in Clarks Creek which is known to support Chinook, coho, pink and chum salmon, stellhead, cutthroat trout and Dolly Varden/bull trout. As of March 2013, this project is at 30% design, and is beginning the permitting process while researching additional funding options to construct the project as currently designed.

## Project Overall Metrics (Outcomes, Benefits)

| Category / Work Type / Metric | Application Answer |
|---|---|
| **Completion Date** | |
| Projected date of completion | 12/31/2014 |
| **Sponsor Match: Monetary Funding** | |
| Amount of other monetary funding | $569,294.00 |
| Project identifier for the other monetary funding | City of Puyallup Stormwater Funds<br>Ecology grant G1300064 |

| | |
|---|---|
| Source of other monetary funding | City of Puyallup ($353,403) WA Department of Ecology ($215,891) |

**Sponsor Match: Donated Un-paid Labor (volunteers)**

| | |
|---|---|
| Value of Donated Unpaid Labor (Volunteers) | $3,000.00 |
| Source of Donated Un-paid labor contributions | Pierce Conservation District, planting plan development, planting event management |

**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 | $12,600.00 |
| Source of Other In-Kind Contributions | WSDOT |
| Description of other In-Kind contributions | Large woody debris and root wad materials |

# Project Funding

| Funding Request | | Funding % | Min Match Required | Sponsor Match Source | |
|---|---|---|---|---|---|
| Salmon State Projects (FY2014) | $413,741 | 41.43 % | | Appropriation \ Cash | $353,403 |
| | | | | Donated Labor | $3,000 |
| Sponsor Match | $584,894 | 58.57 % | 15% | Donated Materials | $12,600 |
| Total Project Funding | $998,635 | 100.00 % | | Grant - State | $215,891 |

| Project Cost Summary | | Project % | Admin/A&E % | Maximum for Selected Program |
|---|---|---|---|---|
| **RESTORATION COSTS** | | | | |
| Restoration | $836,635 | | | |
| A&E | $162,000 | | 19.36 % | $250,991 (30%) |
| Subtotal | $998,635 | 100.00 % | | |
| **Total Cost Estimate** | $998,635 | 100.00 % | | |

# Worksites and Properties

| | |
|---|---|
| **General Area:** | Meeker Creek in Puyallup, WA |
| **County:** | Pierce |
| **Legislative Districts 2002:** | 25 |
| **Legislative Districts 2012:** | 25 |
| **Congressional Districts 2002:** | 09 |
| **Congressional Districts 2012:** | 10 |
| **Salmon Recovery Regions:** | Puget Sound |
| **DNR Watershed Units (WAU):** | PUYALLUP, LOWER |
| **4th Field Catalog Units (HUC):** | Puyallup |
| **WRIA:** | Puyallup-White |
| **Sections:** | 33 |
| **Township:** | T20NR04E |
| **Coordinates:** | 47.18277445 -122.31382920 |

# Worksite #1: Pierce County

| | | | | |
|---|---|---|---|---|
| **Coordinates from Mapped Point:** | **Latitude:** | 47.18277445 | **Longitude:** | -122.31382920 |
| **Coordinates from Worksite Directions:** | **Latitude:** | | **Longitude:** | |

**Worksite Description:** This project is located on City-owned property. In October 2011 the City purchased parcel # 5505301060. This parcel includes the 1,000-foot section of Meeker Creek subject of this project. The creek borders this property on the north, with 14th Street SW bordering the property on the east. Just south of this parcel is # 5505301072, a wetland area previously developed as a mitigation project by the City. The site is currently open, with no structures remaining, and areas of established native vegetation near the outlying south and western edges.

**Site Access Directions:** From Hwy 512, take the Meridian Street S exit. Turn south onto Meridian Street S. Turn east (right) onto 15th Ave SE. Follow 15th Ave SE to 14th Street SW and turn north (right). Project site is at intersection of 14th Street SW and Meeker Creek/10th Ave SW.

**Worksite Address:**
1002 14th Street SW
puyallup, WA 98371

# Restoration 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, Pink Salmon-unidentified ESU, Steelhead-Puget Sound DPS | |
| Targeted species (non-ESU species) | Bull Trout, Cutthroat | |
| Miles Of Stream Treated/Protected | 0.19 | |
| Project Identified In a Plan or Watershed Assessment | None. | |
| Type Of Monitoring | None | |
| Monitoring Location | No monitoring completed | |
| **Instream Habitat Project** | | |
| Total Miles Of Instream Habitat Treated | 0.19 | |
| **Channel reconfiguration and connectivity** | | |
| Total cost for Channel reconfiguration and connectivity | | $626,227.00 |
| Type of change to channel configuration and connectivity | Channel Bed Restored, Creation of Instream Pools, Creation/Connection to Off-Channel Habitat, Meanders Added | |
| Miles of Stream Treated for channel reconfiguration and connectivity | 0.19 | |
| Miles of Off-Channel Stream Created | 0.04 | |
| Acres Of Channel/Off-Channel Connected Or Added | 0.1 | |
| Instream Pools Created/Added | 2 | |
| **Riparian Habitat Project** | | |
| Total Riparian Miles Streambank Treated | 0.19 | |
| Total Riparian Acres Treated | 2.3 | |
| **Planting** | | |
| Total cost for Planting | | $206,408.00 |

| | | |
|---|---|---|
| Species Of Plants planted in riparian | Planting plan only in conceptual stage at this point. Currently proposed plants include: populus balsamifera, fraxinus latifolia, salix lucida var. iasiandra, Populus balsamifera, Fraxinus latifolia, Salix lucida | |
| Acres Planted in riparian | 2.3 | |
| Miles of streambank planted | 0.19 | |

**Cultural Resources**

**Cultural resources**

| | | |
|---|---|---|
| Total cost for Cultural resources | | $4,000.00 |
| Acres surveyed for cultural resources | 2.30 | |

**Architectural & Engineering**

**Architectural & Engineering (A&E)**

| | | |
|---|---|---|
| Total cost for Architectural & Engineering (A&E) | | $162,000.00 |

# Restoration Questions

**1 of 6 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.**

Yes. A full cultural resources investigation was completed with concurrence by DAHP completed 12/2012.

**2 of 6 What is the current land use of the site, and its history?**

The project site was recently re-zoned for public use/facilities in late 2012. Prior to then, the site was zoned residential and contained a single family home. After the City purchased the property in 2011, the home was demolished in preparation for the stream restoration project.

**3 of 6 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.**

No

**4 of 6 Describe any proposed ground disturbing activities. That is, will a tool(s) be used to move earth (soil, rock, gravel, etc.) as part of this project? This includes hand or mechanized tools, for example: shovel, auger, pick axe, backhoe, etc. The answer to this question will be used in cultural resource consultation so please provide detailed information on the anticipated depth of excavation and the size of area disturbed.**

Heavy equipment will be used to excavate the site for the floodplain and channel

meander. Cultural resources were already completed to include this consideration.

**5 of 6 Give street address for this worksite if available.**
1002 14th Street SW Puyallup, WA 98371

**6 of 6 If buildings or structures (tidegates, dikes, etc.) will be altered, removed, or demolished, provide for each: identifying name, year constructed, year(s) remodeled/renovated. Attach at least one photograph for each to your project in PRISM. If none: N/A The answer to this question will be used in cultural resource consultation so please provide detailed information.**
After the City purchased the property in 2011, the home was demolished in 2012 in preparation for the stream restoration project.

# Property for Pierce County Worksite #1: Meeker Creek Properties, 5505301060 & 5

**Activity:** Restoration

**Landowner**
City of Puyallup
333 S Meridian
Puyallup, WA 98371

**Landowner Type:** Local Government

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

# Overall Project Questions

**1 of 5 Is any part of the scope of work included in this application required as mitigation for another project or action? E.g. FERC relicensing, Habitat Conservation Plan, legal settlement, etc. If yes, explain:**
No

**2 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

**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

**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.**
WA Department of Ecology, grant No. G1300064 Centennial Clean Water Program, FY2013 Period of perfomance: 07/06/2012-12/31/2014

**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.**

Pierce Conservation District, planting plan development, planting event management

# Project Permits

| Permit Type | Applied Date | Received Date | Expiration Date | Permit Number |
|---|---|---|---|---|
| Hydraulics Project Approval [HPA] Nationwide Permit | | | | |

**Permit Questions**

1 of 1 **If this project requires a federal permit, will the scope of that permit cover ALL proposed ground disturbing activities included in this project? You may need to request a pre-application meeting with the permitting agency to answer this question.**

No, While this project is proposed to be self-mitigating due to its nature as a stream habitat restoration project, it will still require at least two permits - one from USACE, another from WDFW. These two permits are described further in the Project Permits Section.

# Project Attachments

| Required Attachments | 5 out of 5 done |
|---|---|
| Cost Estimate | ☑ |
| Landowner acknowledgement form | ☑ |
| Photo | ☑ |
| Restoration Worksite Map | ☑ |
| Salmon Project Proposal | ☑ |

**Photos**

| Attachment Type | Title | Attach Date | Worksite/Property |
|---|---|---|---|
| Cost Estimate | 30 % Cost Est 20130829.pdf | 08/29/2013 | |
| Design document | 30% Design Report 7 10 13.pdf | 08/15/2013 | |

| | | |
|---|---|---|
| Design document | 30 % Drawings 7 10 13 .pdf | 08/15/2013 |
| Design document | Letter_Salmon Habitat Analysis.pdf | 05/20/2013 |
| Map | Green_Corridor Map for Puyallup.pdf | 07/08/2013 |
| Memos and correspondence | CAC Socioeconomic Questions 2012.docx | 07/24/2013 |
| Memos and correspondence | App_G1 Response to Early Review.pdf | 07/08/2013 |
| Memos and correspondence | Early App Site Visit Materials.pdf | 05/29/2013 |
| Photo | IMG_0032.jpg | 08/20/2013 |
| Photo | IMG_0030.jpg | 08/20/2013 |
| Photo | IMG_0028.jpg | 08/20/2013 |
| Project Application Report | Application Report, 13-1424R (submitted 08/29/13).pdf | 08/29/2013 |
| Restoration Worksite Map | Meeker Site Map.jpg | 05/20/2013 |
| Salmon Project Proposal | Project Proposal.pdf | 08/21/2013 |

# Application Status

**Application Due Date:** 08/16/2013

| Status | Status Date | Name | Notes |
|---|---|---|---|
| Application Complete | 08/30/2013 | Kay Caromile | |
| Application Submitted | 08/29/2013 | Joy Rodriguez | |
| Application Returned | 08/27/2013 | Kay Caromile | Please see August 27 email and resubmit revised applicaiton on or before August 29. Let me know if you have quesitons, Kay |
| Application Submitted | 08/21/2013 | Joy Rodriguez | |
| Application Returned | 08/20/2013 | Kay Caromile | thanks for making the corrections/clarificaitons., |
| Application Submitted | 08/15/2013 | Joy Rodriguez | |
| Application Returned | 06/05/2013 | Scott Chapman | No need to Submit application until Application Due Date of August 16th. |
| Application Submitted | 05/28/2013 | Joy Rodriguez | |

| | | | |
|---|---|---|---|
| Application Returned | 05/22/2013 | Kay Caromile | mistakenly submitted application prematurely |
| Application Submitted | 05/22/2013 | Joy Rodriguez | |
| Application Returned | 05/21/2013 | Kay Caromile | Mistakenly submitted application early |
| Application Submitted | 05/20/2013 | Joy Rodriguez | |
| Preapplication | 05/20/2013 | | |

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. (Joy Rodriguez, 08/29/2013)

Date of last change: 08/30/2013