
PROJECT: 22-1190 Restoration, Seawest Granston (Middle Bear) Natural Area Rest.

Sponsor: King Co Water & Land Res Program: Salmon State Projects

PROJECT DESCRIPTION

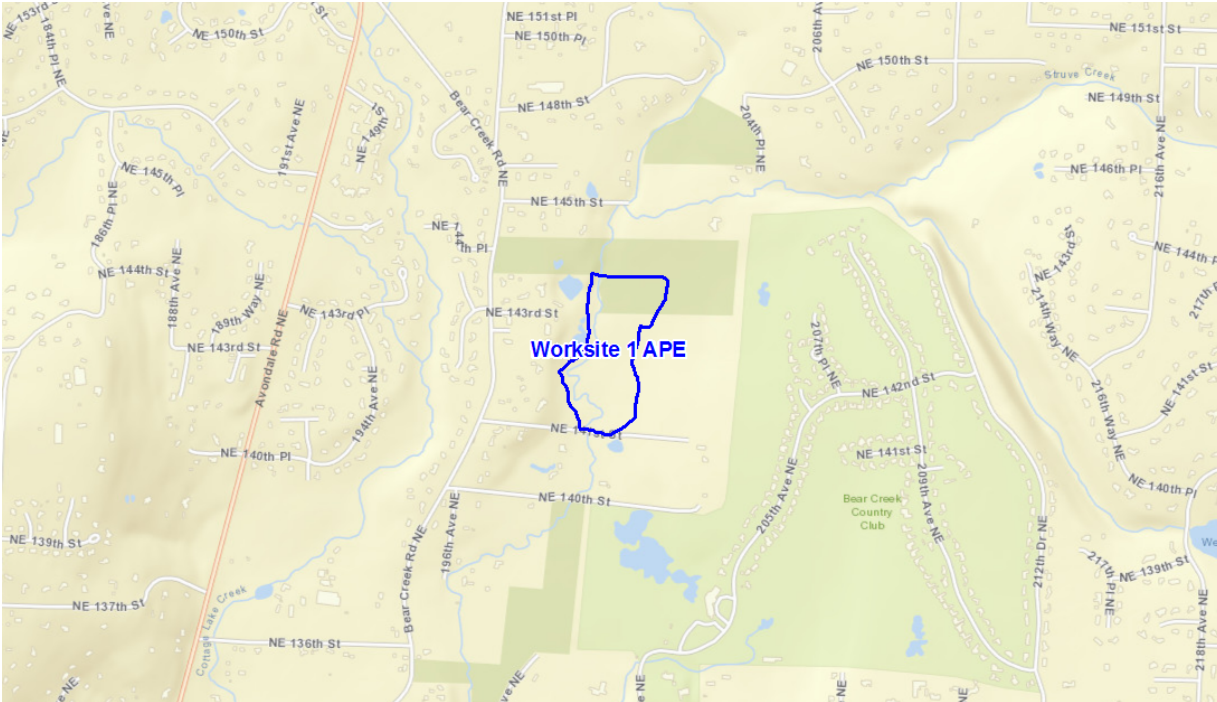
This project will restore critical salmon habitat within the Middle Bear Creek Natural Area along Bear Creek. These funds will be used for implementation of the riparian restoration phase. The overall goal of the Seawest Granston project is to raise the elevation of baseflow water levels within the reach to create off-channel aquatic habitat, lower (or at least maintain) water temperatures, and raise groundwater elevations in the adjacent riparian areas. Phase 1 of the Seawest Granston Habitat Restoration Project will focus on creating functional riparian plant communities that, in turn, will help to shade out invasive reed canary grass and provide food and dam-making materials for resident beaver. Beaver already occupy the site and have created several small dams within the project area, but they are severely limited by the paucity of woody vegetation in the riparian areas. This initial planting phase will be very aggressive, while acknowledging the likelihood (and desirability) of significant beaver predation. Some plantings will be protected from beaver predations, while others will not. Some plant species that beaver seem to avoid (Pacific ninebark, for instance) will be installed to ensure riparian function is increased. Habitat posts may be installed instream to wrack debris and support potential beaver dams. Subsequent phases of work may entail addition of large wood and/or beaver dam analogues (BDA's) to the reach.

PROJECT CONTACTS

Name, Organization	Project Role	Work Phone	Work Email
Laird O'Rollins King Co Water & Land Res	Project Contact	(206) 296-8014	Laird.ORollins@kingcounty.gov
Sandy Dotts Rec. and Conserv. Office	Project Manager	(360) 628-9487	sandra.dotts@rco.wa.gov

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PROJECT MAP



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WORKSITE #1: Middle Bear Creek Natural Area, adjacent easement

Properties:	Awad parcel Conservation Easement, Seawest Granston-Middle Bear Nat Area	Township:	26
Address:	Bear Creek Road NE and 144 PI NE cross street	Range:	06E
City:	Cottage Lake	Section:	20
County:	King	Lat/Long:	47.73000416, -122.07027806

Questions

Provide a description of the project actions at this worksite (acquisition, development and/or restoration activities that will occur as a part of this project)

Planting, installation of habitat poles in channel.

Describe all ground disturbing activities (length, width and depth of disturbance and equipment utilized) that will take place in the Area of Potential Effect (APE). Include the location of any construction staging or access roads associated with your project that will involve ground disturbance.

Cottonwood poles may be installed to depths of up to 4 feet. Other plantings will likely only disturb 1-2 feet of soil. This level of disturbance will occur throughout the project area.

Describe any planned ground disturbing pre-construction/restoration work. This includes geo-technical investigation, fencing, demolition, decommissioning roads, etc.

None.

Describe the existing project area conditions. The description should include existing conditions, current and historic land uses and previous excavation/fill (if depths and extent is known, please describe).

The project encompasses 67 acres in the unincorporated community of Cottage Lake. Bear Creek flows south near the western edge of the project. The reach of Bear Creek at the project location is situated on an aggradational landform within a proglacial drainage that emerged as a result of glacial retreat during the Pleistocene-Holocene transition. The project site is situated near the northern boundary of an extensive wetland encompassing Bear Creek downstream. Vegetation communities consist of wetland and low elevation maritime forest taxa (Kopperl et al. 2016:36). The project area is dominated by tall reed canary grass (*Phalaris arundinacea*), with scattered shrubs, deciduous trees, and stands of bracken fern (*Pteridium aquilinum*), red alder (*Alnus rubra*), and hardhack (*Spiraea douglasii*) present throughout. The project slopes northeast to southwest, from approximately 180 to 140 feet above sea level. The site has no evident history of development or use other than agricultural (in the distant past), and a concrete bridge that crosses Bear Creek, likely installed by a previous owner who hoped to develop the property. The only other structure on the site is a small dilapidated storage shed.

Will a federal permit be required to complete the scope of work on the project areas located within this worksite?

No

Are you utilizing Federal Funding to complete the scope of work? This includes funds that are being shown as match or not.

No

Do you have knowledge of any previous cultural resource review within the project boundaries during the past 10 years?

Yes

Project Cultural Resources Screening Report

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Summarize the previous cultural resource review; including lead agency and date of review, reference name and numbers, etc. If RCO, include the prior phase grant number. NOTE: Do not provide any site-specific information considered confidential. Attach previous surveys or other reference documents.

Bear Creek – Seawest Granston Project, Cultural Resources Risk Assessment, King County, Washington. Lead agency: King County. 11/25/2020.
DAHP Project Tracking #: 2020-11-07264
KCHPP Request Number: 20-120

A 7.5 acre portion of the site was surveyed by King County Parks Archaeologist Brandy Rink in 2018, prior to a small planting in that area.

Is the worksite located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site?

Yes

Please name the area and specify when the site was established.

Middle Bear Creek Natural Area, King County Parks; acquired and established 2011.

Are there any structures over 45 years of age within this worksite? This includes structures such as buildings, tidegates, dikes, residential structures, bridges, rail grades, park infrastructure, etc.

Yes

List the structure(s) and the properties that they are located within the project area. Identify which structures will be removed or altered as part of this proposal. Attach at least one photo of each structure. The photo must be labeled so that the structure may be geographically located within your project area.

Shed - no structures will be altered or removed under this project.

ATTACHMENTS

Date	Attachment Type	Title
02/10/2022	Cultural Resources: Cultural Resources Survey	CRC Tech Memo #2008H-1 Seawest Granston Project.pdf
02/22/2022	Map: Restoration Worksite	BC--Seawest Granston Project Location.pdf
02/22/2022	Map: Restoration Worksite	SeawestGranston Project Reach.pdf