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From: Shawn Mahugh, and Joe Callaghan, P.W.S,
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Subject: Re-vegetation and Fill Plan Around Historic Kilns
 Irondale Remediation Project

INTRODUCTION

The Irondale Iron and Steel Plant Remediation Project has been designed to remove known contamination at the site while enhancing wildlife habitat and preserving important historic resources. During the permitting process the US Army Corps of Engineers (Corps) and the Washington State Department of Archaeology and Historic Preservation (DHAP) required a Vegetation and Fill Plan to be prepared to document the actions to be taken to preserve the historic charcoal kilns located on the site. A total of 8 kiln foundations (kilns) are located within the shoreline planting area. This plan describes the elements that have been incorporated into the project to preserve the kilns as requested by Corps and DHAP.

This plan does not cover the 9 kilns located below the ordinary high water elevation (OHW) elevation of Port Townsend Bay (the eastern row of kilns). Planting will not take place on or around the eastern row of kilns.

VEGETATION AND FILL PLAN

The shoreline planting area will contain shrub species that naturally occur within the project vicinity. Topsoil 12 inches in depth will be placed over the 8 kilns that are located above the OHW elevation of Port Townsend Bay (the western row of kilns). The location of the kilns has been documented by Northwest Archaeological Associates archeologists and plantings will not be located directly on top of the kiln foundations. The following table contains the species proposed for planting in the vicinity of the kilns.

Common Name	Scientific Name
Oceanspray	<i>Holodiscus discolor</i>
Vine maple	<i>Acer circinatum</i>
Red elderberry	<i>Sambucus racemosa</i>
Nootka rose	<i>Rosa nutkana</i>
Snowberry	<i>Symphoricarpos albus</i>

The plant species shown above were selected for their ability to stabilize soil, provide wildlife habitat and to help convey the look and feel of the site and the kilns. Shrubs will be planted around the kilns both inside and outside the kiln foundation remains. Figure 1 illustrates the typical planting configurations in the vicinity of the kilns. To minimize the potential for plant roots to damage the remains, shrubs will not be installed directly over the kiln foundation remains and trees will not be planted in and around the western row of kilns.

SUMMARY

The shoreline planting area will have 12 inches of topsoil added to the ground surface and will be replanted with native shrub species. The species selected for re-vegetation will minimize surface erosion and provide wildlife habitat. In the vicinity of the historic kiln remains, the plants will be installed around and inside of the kilns, but plants will not be installed directly over the kiln foundations.

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