



Seattle District Everett Salt Marsh Habitat Beneficial Use Support

ERDC Dredging Operations Technical Support Program (DOTS)

U.S. ARMY CORPS OF ENGINEERS

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Response Summary:

Seattle District requested support to define a potential beneficial use project and to develop a plan for moving forward. The DOTS program was able to meet with the District and stakeholders to gather information. Based on available information, a draft BUDDI was developed, including conceptual drawings of the proposed habitat development beneficial use project, a BUGS tool example to lay out the benefits, and a proposal for additional hydraulic modeling to support the design. A presentation on the BUGS tool and the conceptual habitat project was given to close out the project.



Conceptual habitat plan for Everett Salt Marsh, Seattle District.

Period of Performance:

4/10/2024 – 09/30/2024.

Benefits of the Response to the USACE Dredging/Navigation Program:

Provided example documentation and a clear path forward for Seattle District to move forward with the proposed beneficial use project. Implementation of this project would save the District and Port money based on lower costs than the current ocean disposal location. The project would advance the USACE 70/30 goal by implementing beneficial use. The provided documents provide examples for future projects.

Deliverable:

Deliverables included a draft BUDDI document, initial BUGS tool analysis, and conceptual drawings of the project area. Two meetings were held to define the project and the path forward.



Providing environmental and engineering technical support to the U.S. Army Corps of Engineers
Operations and Maintenance navigation and dredging missions

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