FY2017-2018 OPERATIONS & MAINTENANCE SEDIMENT CHARACTERIZATIONS

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GRAYS HARBOR

>4M CY

More than 250 grab samples

Suitable

SWINOMISH CHANNEL

- 233,000 CY
- 4 DMMUs
- Suitable



File Name

SNOHOMISH RIVER

- ~800,000 CY
- 41 grab samples
- Suitable









Washington coast 56,805 CY

Do.A.

QUILLAYUTE RIVER

- 4 DMMUs
- Low to Moderate Rank
- Suitable





DUWAMISH RIVER

- ~115,000 CY
- Bioassays were required for 3 of 13 DMMUs.
- All bioassay tests passed DMMP guidelines.
- Suitable

PORT TOWNSEND

~8,000 CY

Dioxin exceedance(s)

Additional chemical testing underway



COMMENCEMENT BAY SEDIMENT PROFILE IMAGING



• Summer 2017





File Name

Commencement Bay Disposal Site



- Physical, chemical, and biological monitoring required every 500,000 CY of material disposed.
- 68 stations samples in 2017 by Integral Consulting
- Red line = 3 cm depth

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Conclusion: Dredged material is staying on-site





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SEDIMENT CHARACTERIZATION STATUS

Project	Area Covered	Status
Snohomish River	Settling basins and navigation channel	Suitability complete; Suitable
Grays Harbor	Bar Channel to South Aberdeen	Suitability complete; Suitable
Duwamish	Turning basin and adjacent channel	Sampling & bioassays complete; awaiting final report
Swinomish Channel	Entire channel	Suitability complete; Suitable
Quillayute	Boat basin and navigation channel	Suitability complete; Suitable
Port Townsend	Navigation channel	Awaiting additional chemistry data



