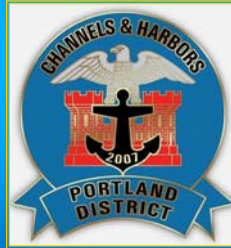




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Aquatic Nuisance Species Considerations in Portland District Dredging



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ANS Considerations in Portland District Dredging

Three primary scenarios:

- Contract Hoppers
- Government Hoppers
- Contract Pipeline



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Contract Hopper Dredges (cont.)

1.1.2 Ballast Water Management For Control of Non-indigenous Species

The following shall apply to the management of ballast water for control of non-indigenous species:

- a. The Contractor shall comply with all Federal and State laws pertaining to the management and reporting requirements for ballast water for control of non-indigenous species.
- b. A copy of all reports submitted to the U.S. Coast Guard, the State of Oregon, the State of California (if applicable), and the State of Washington shall be furnished in the PSMP (Environmental Protection Plan).



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Contract Hopper Dredges (cont.)

- c. The following references are provided for Contractor information, but may not be inclusive of all applicable regulations:

- (1) Federal: Title 33, Chapter I, Part 151, Subpart D, Sections 151.2000 through 151.2035
- (2) Oregon: ORS 783.620-783.992
- (3) California: PRC Section 71202-71207
- (4) Washington: RCW 77.120"



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Government Dredges

Ballast Water

Ballast Tanks on the ESSAYONS & YAQUINA are filled each spring after lay-up with fresh water. The tanks are not emptied or refilled during the season.



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Government Dredges

Ballast Load

The dredge YAQUINA was designed to take a Ballast Load for stability during transit. SOP developed to address ANS concerns

- Safety of vessel is primary concern
- When ballast is necessary, material must be suitable for unconfined inwater disposal
- Taken to approved ODMDS, farthest cell from shoreline.



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Pipeline Dredge OREGON

Upland and beach nourishment along the Columbia River has the potential to spread Noxious weeds.

- Wash down shore equipment in place before transit to a new location



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QUESTIONS?

