

DEPARTMENT OF ECOLOGY

APR 19 2023

WATER QUALITY PROGRAM

**ANNUAL PRE-TREATMENT PLAN  
FOR ZOSTERA JAPONICA CONTROL ON COMMERCIAL  
CLAM BEDS IN WILLAPA BAY  
FOR  
HERROLD FISH & OYSTER  
WAG 993009**

**Submitted to:**

Washington Department of Ecology

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**Author:**

David Beugli

WGHOGA

### Annual Pre-Treatment Plan

The locations of acreage planned for treatment in 2023, including GPS coordinates of each corner of the area, size in acres of each area and cooperating adjacent land owners are shown in Table 1.

Table 1. Coordinates of the overall area where japonica control will be implemented. Actual acres to be treated will be less than those indicated by the overall bed boundaries.

Bed Name	Parcel	Acres	Corner Coordinates		Cooperating Landowners
			Latitude	Longitude	
D8	79004000008	10	46.4501	-124.0132	Heckes Clams Inc.
			46.4467	-124.0186	Weigardt & Sons Inc.
			46.4413	-124.0156	
			46.4444	-124.0082	
D9, D11	79004000009	10	46.444	-124.0079	Heckes Clams Inc.
			46.444	-124.0143	
			46.4304	-124.0140	
			46.4303	-124.008	

### Annual Pre-Treatment Plan (Maps)

Figure 1 shows the locations of proposed japonica treatments for 2023. In 2022 no treatments occurred.

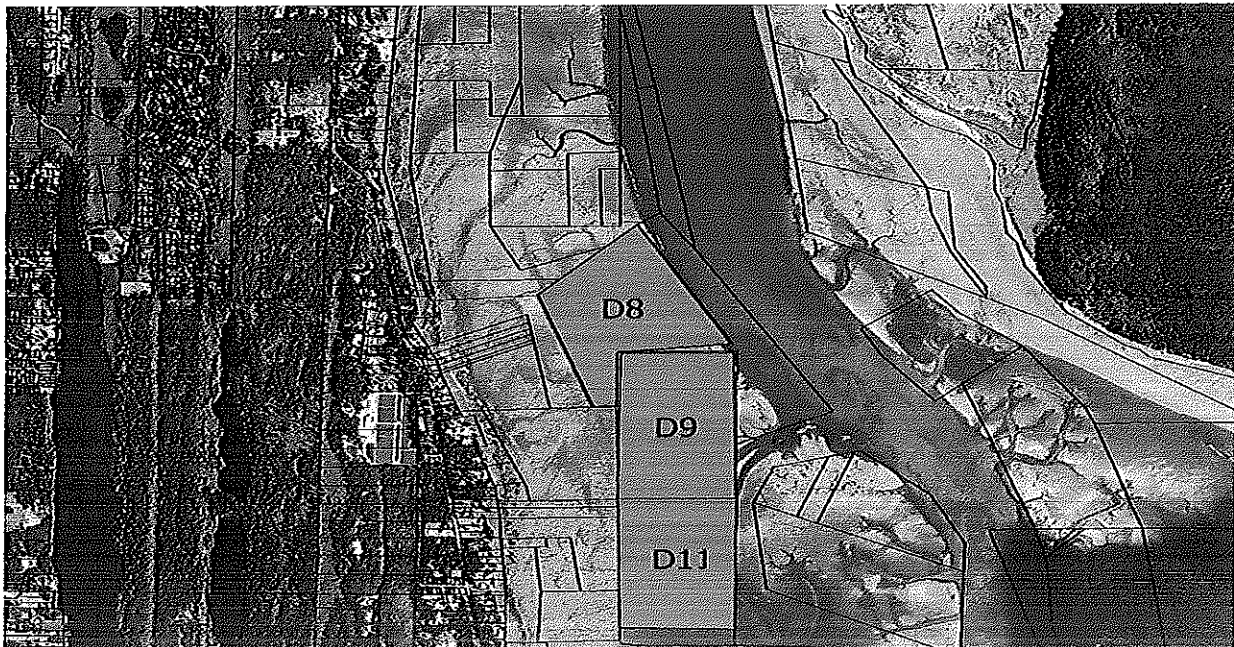
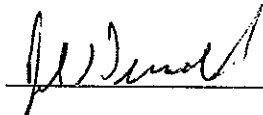


Figure 1. Parcels 79004000008, 79004000009.

## Signature Requirements

*I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of those persons directly responsible for gathering information, the information in the Pretreatment Plan is, to the best of my knowledge and belief, true, accurate, and complete and will be updated as necessary. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations.*

A handwritten signature in black ink, appearing to read "J. J. Daniel", written over a horizontal line.

Signature

4-5-23

Date