

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  
LONG ISLAND OYSTER  
WAG 993003**

**Submitted to:**

Washington Department of Ecology

April 14, 2023

**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	
20-13594	NA	5	46.4432	-124.0225	
			46.4443	-124.0190	
			46.4413	-124.0217	
			46.4414	-124.0182	
D26 N1/2	79004006026	10	46.4306	-123.9758	Coast Seafood's Co.
			46.4299	-123.9688	
			46.4289	-123.9684	
			46.4291	-123.9759	
D31	79004000031	10	46.4205	-124.0129	Heckes Clams Inc. Coast Seafood's Co.
			46.4195	-124.0077	
			46.0086	-124.0086	
			46.4174	-124.0128	
D32 S1/2	79004000031	10	46.4173	-124.0126	Coast Seafood's Co.
			46.4157	-124.0024	
			46.411	-124.0035	
			46.4125	-124.012	

## Annual Pre-Treatment Plan (Maps)

Figures 1-3 show the proposed locations of japonica treatments in 2023. In 2022 treatments occurred on beds 20-13594 and D26 N1/2.

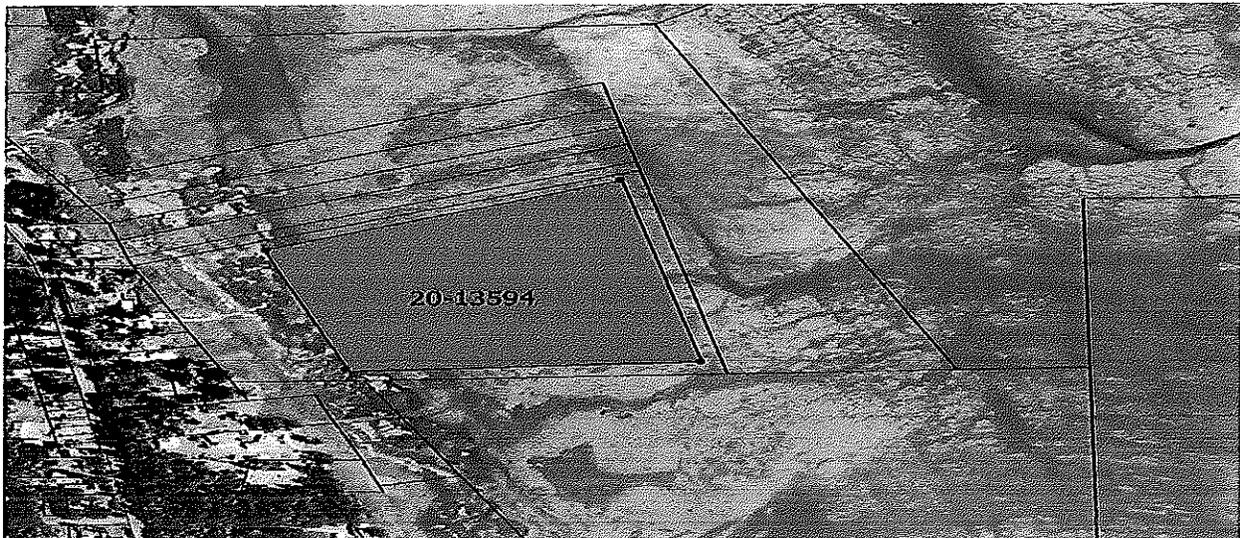


Figure 1. Bed 20-13592.

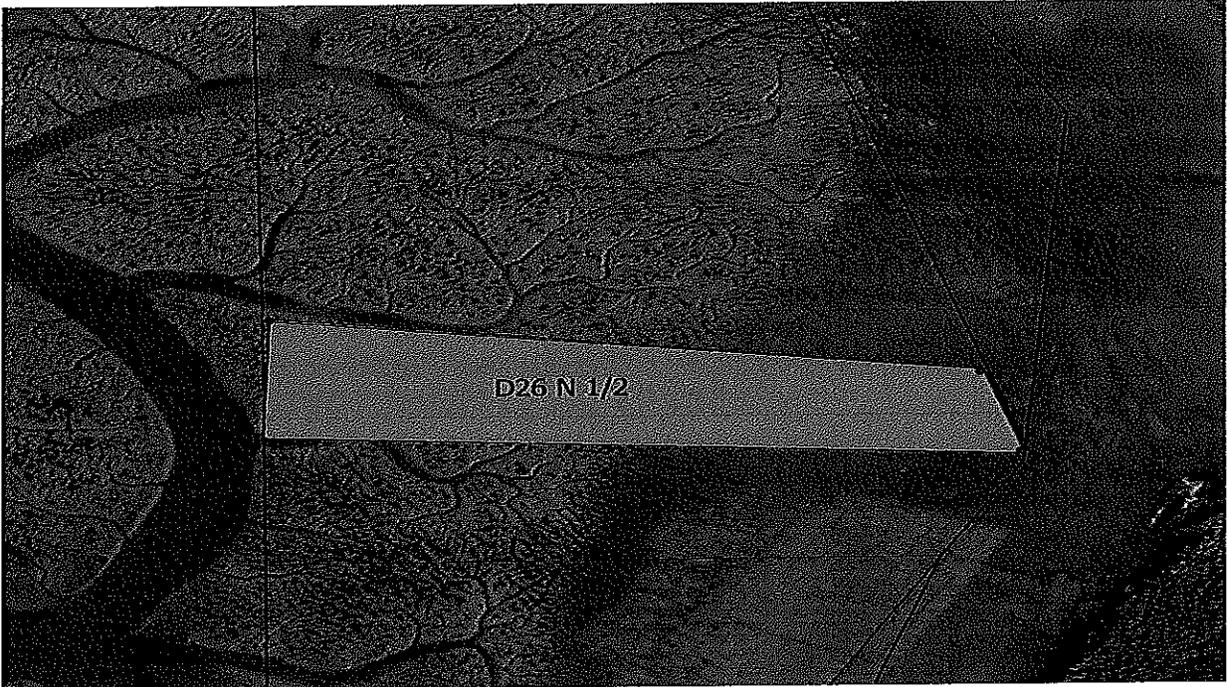


Figure 2. Parcel 79004006026.

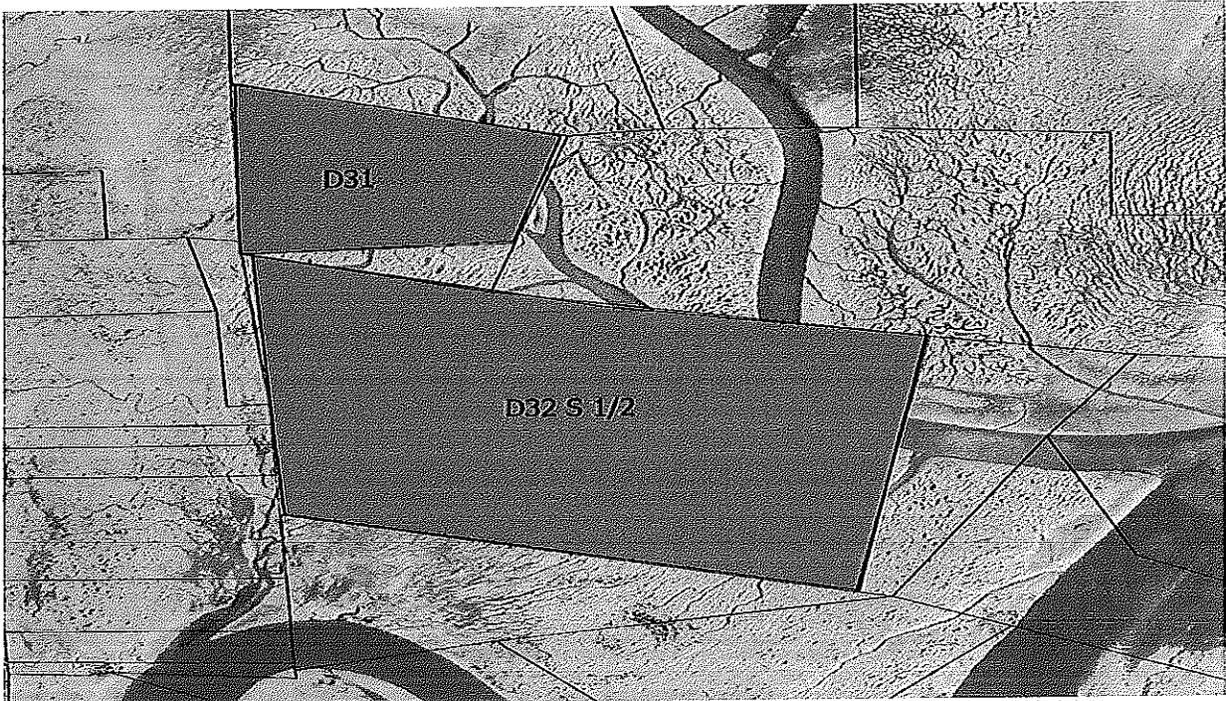
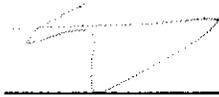


Figure 3. Parcel 7900400003.

## 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.*



4/13/23

Signature

Date