

DEPARTMENT OF ECOLOGY

MAR 04 2019

WATER QUALITY PROGRAM

**ANNUAL PRE-TREATMENT PLAN  
FOR ZOSTERA JAPONICA CONTROL ON COMMERCIAL  
CLAM BEDS IN WILLAPA BAY  
FOR  
R & J SEAFOODS**

**Submitted to:**

Washington Department of Ecology

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WGHOGA

### Annual Pre-Treatment Plan

The locations of acreage planned for treatment in 2019, 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	
D81	79004002081	10	46.4343	-124.0204	Kim Patten
			46.4343	-124.0186	
			46.4321	-124.0183	
			46.4296	-124.0185	
			46.4297	-124.0202	
			46.4320	-124.0202	
E231	79005002231	1	46.6691	-123.9281	Grassy Island Clam Farms Willapa Bay Shellfish Heckes Clams Inc.
			46.6695	-123.9240	
			46.6609	-123.9223	
			46.6611	-123.9243	

### Annual Pre-Treatment Plan (Map)

Figure 1-2 shows the locations of proposed japonica treatments for 2019. In 2018 treatments occurred on bed D81.

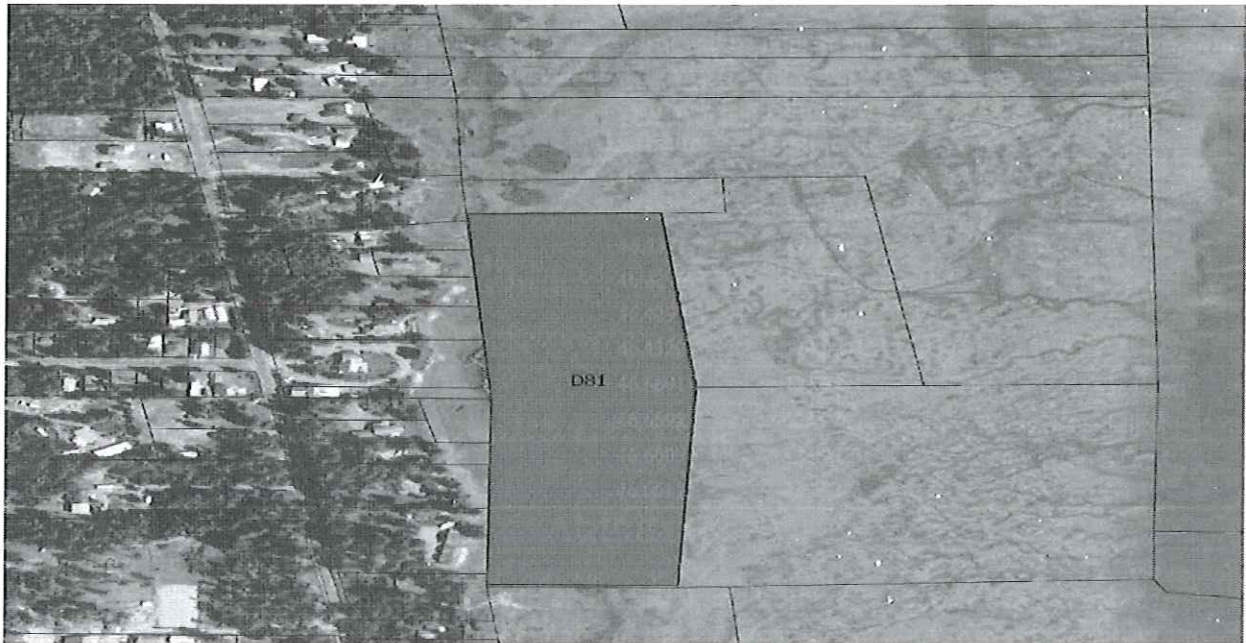


Figure 1. Parcel 79004002081

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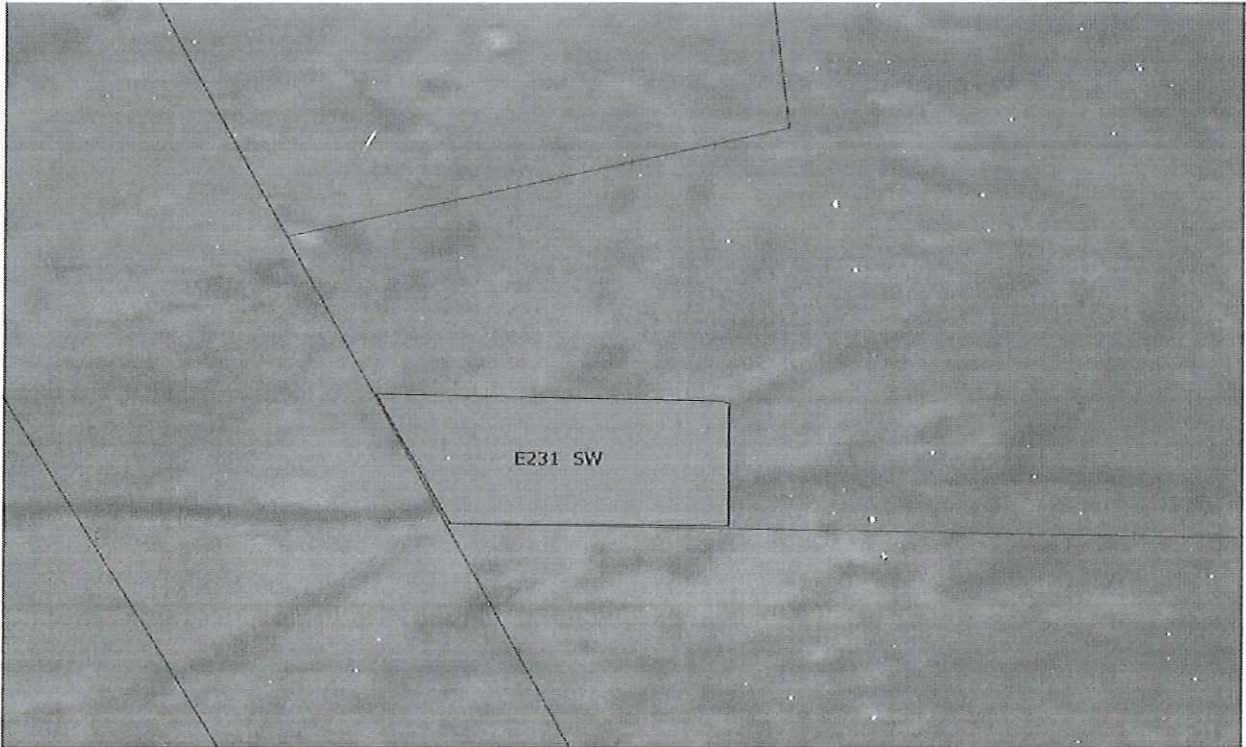


Figure 2. Parcel 79005002231

## 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.*

*Warren G. Wolf*      *2-26-19*

Signature

Date

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