# ANNUAL PRE-TREATMENT PLAN FOR ZOSTERA JAPONICA CONTROL ON COMMERCIAL CLAM BEDS IN WILLAPA BAY FOR TAYLOR SHELLFISH COMPANY

# Submitted to:

Washington Department of Ecology

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## Author:

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### **Annual Pre-Treatment Plan**

The locations of acreage planned for treatment in 2015, 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	Parcel	Acres	Corner Coordinates		Cooperating Landowners
Name			Latitude	Longitude	Cooperating Landowners
TL56		38.1	46.5481	-124.0132	Heckes Clams Inc.
	12110355056		46.5482	-124.0224	Station House Oyster Co
	12110333000		46.5515	-124.0131	
			46.5513	-124.0249	
TL57	12111055057	30	46.5482	-124.0224	
			46.5482	-124,0141	
			46.5335	-124.0243	
			46.5336	-124.0173	
E163			46.5194	-124.0238	
	79005000163	20	46.5133	-124.0188	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		46.5131	-124.0228	
			46.5196	-124.0160	
	79005000077	31	46.5336	-124.0173	Dobby Wiegardt
E77			46.5335	-124.0248	
277			46.5288	-124.0233	
			46.5289	-124.0192	
	12111555193	28	46.5289	-124.0153	Heckes Clams Inc.
TL193			46.5249	-124.0249	Coast Seafood's Co.
			46.5250	-124.0173	
			46.5287	-124.0256	
			46.5249	-124.0249	
TL59	12111555059	20	46.5250	-124.0173	
11.55			46.5205	-124.0250	
			46.5207	-124.0155	
			46.4916	-124.0322	
		5	46.4916	-124.0299	•
TL55	12112755055		46.4932	-124.0250	
			46.4931	-124.0326	
			46.4913	-124.0248	
			46.4913	-124.0299	
			46.5515	-124.0140	Heckes Clams Inc.
TL56	12110351056	10	46.5513	-124.0249	Northern Oyster Co.
			46.5524	-124.0250	

			46.5525	-124.0145	
	790050 <del>00</del> 149	14	46.5205	-124.0250	
E149			46.5207	-124.0155	
			46.5194	-124.0261	
			46.5196	-124.0160	
	79005000193	8	46.5122	-124.0193	Northern Oyster Co.
E193			46.5120	-124.0251	
2173			46.5131	-124.0252	
			46.5133	-124.0188	
	79004000002	20	46.4879	-124.0183	Stackpole Harbor Oyster
D2			46.4820	-124.0165	Wiegrdt & Sons Inc.
			46.4806	-124.0198	
······································			46.4877	-124.0198	
	79004000095	20	46.4832	-124.0198	Coast Seafood's Co.
			46.4940	-124.0204	
D95			46.4940	-124.0214	
			46.4832	-124.0210	
·····			46.4877	-124.0198	
	79004000101	15	46.4398	-123.9799	Coast Seafood's Co.
			46.4365	-123.9714	
D101			46.4413	-123.9789	
			46.4370	-123.9708	
			46.4376	-123.9760	

Annual Pre-Treatment Plan (Maps)
Figures 1-13 show the proposed locations of japonica treatments in 2015. In 2014 treatments occurred on bed's TL55, TL57, TL59, E77 and E193.

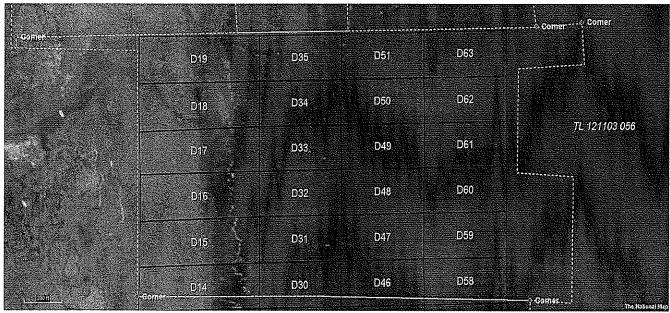


Figure 1. Parcel 12110355056.

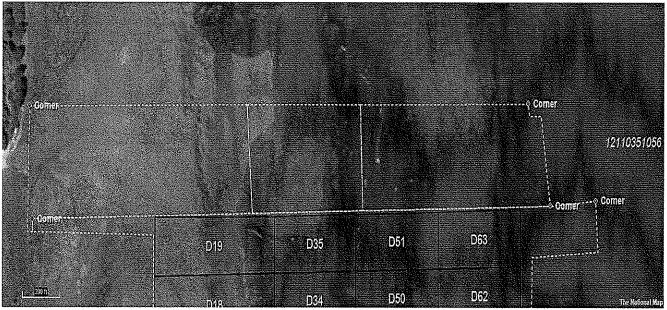


Figure 2. Parcel 12111055057.

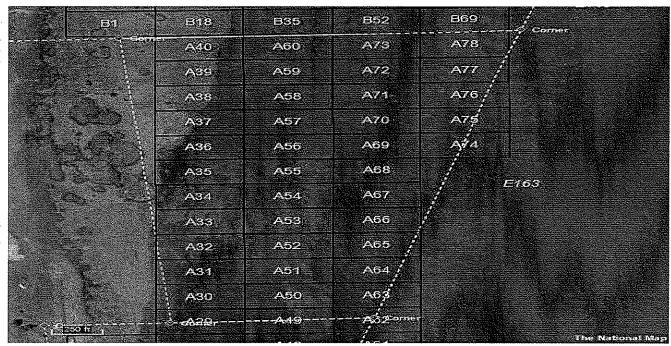


Figure 3. Parcel 79005000163.

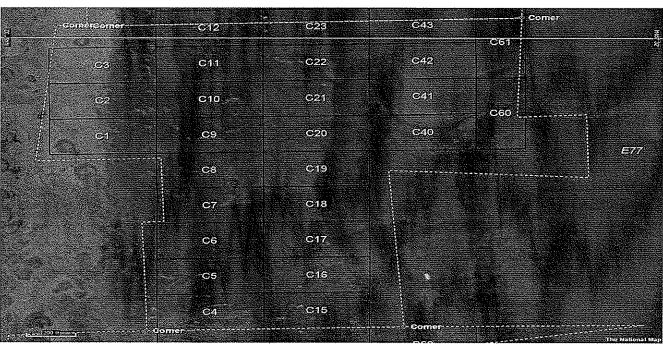
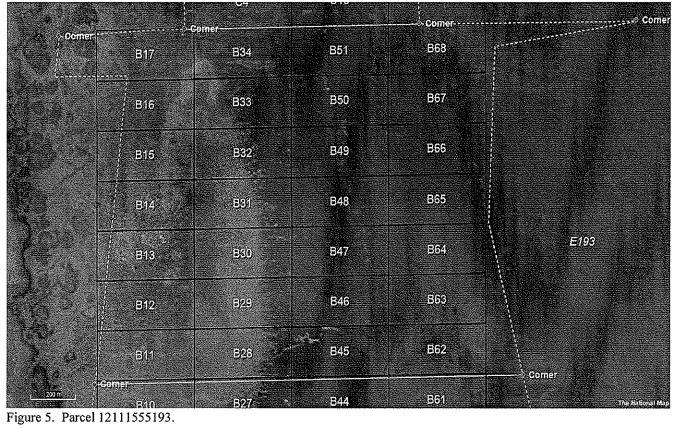


Figure 4. Parcel 79005000077.



	2.70		10 M		
Ejo	B27	B44	B61		
B9	B26	B43	B60 n	B75 :	
.58	B25	842	B59		
BY	B24	841	B58		TL 121115 059
B6	B29	B40	B57	B74.	
<b>1</b> E5:	822	B39	B56	В73 Х.	
E/A	J 921	B38	B55	B72 - S	
Es	B20	B87	B54	E71	> Comer
<b>Osmer</b> 59	819	B36	B58	B70	The Fall Street Map

Figure 6. Parcel 12111555059.

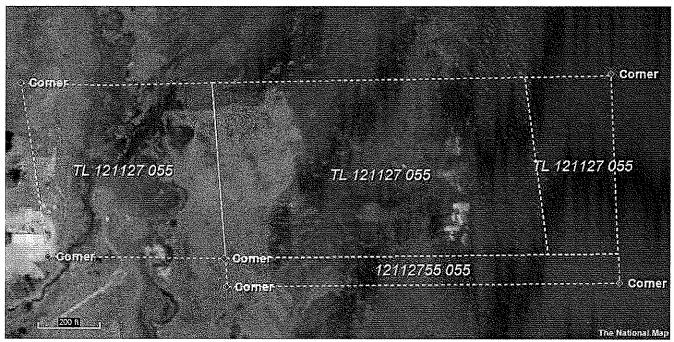


Figure 7. Parcel 121127 055.

The second second second	D15	D31	D47	D59	
± 20 Corne	D14	D30	D46	D58 ≎ come	Corner
	D18-	D29	D45	D57	CO NE
Company of the compan	D12	D28	D44	D56	
	D11	D27	D43	D55	
	D10	D26	D42	D54	
	D9	D25	D41	D53	
	. C D8	D24	D40	D52 <sup>2</sup>	
	D7	D23	D39		
DSLL DSLL	D6	D22	D38		
D2 32	D5	D21	D37		
D1	D4	D20	D36 ;		
	C39	C59	C70 /		
	C38	C58	C69		
	G37	C57	0.000		
	C36	C56	C68	TL121110.057	
	C35	C55			
	C34	C54	C67		
	C33	C53			
	C32	C52	C66		
	C31	C51			
terror of the property of the second	C30	C50	C65		
	C29	C49	C64		
	C28	C48	``'i		
	C27	C47	CGO		
	C26	C46	C63		
	C25	C45			
A CIC	C24	<b>C</b> 44	C62		
State of the state	C23	043		RI .	

Figure 8. Parcel 1211105057.

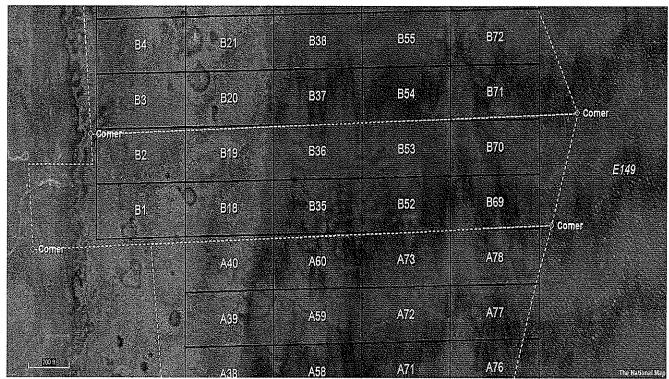


Figure 9. Parcel 79005000149.

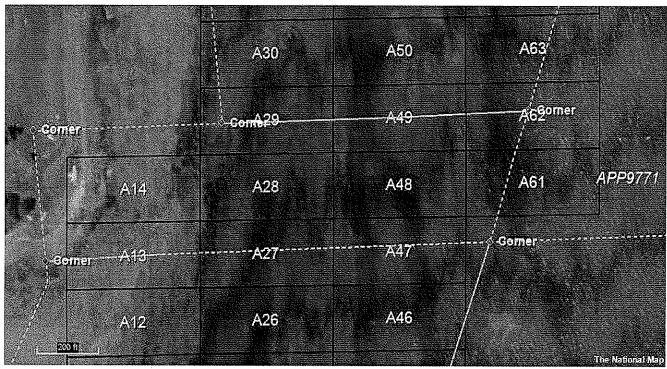


Figure 10. Parcel 79005000193.

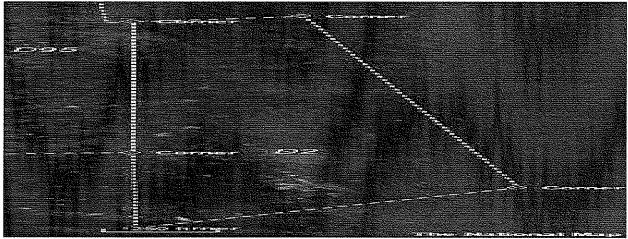


Figure 11. Parcel 79004000002.



Figure 12. Parcel 79004000095.

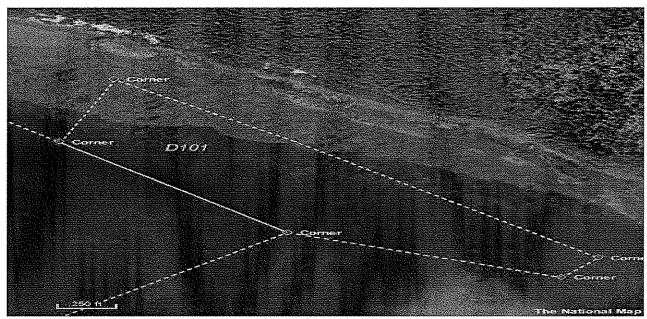


Figure 13. Parcel 79004000101.

# 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.

Eric R. Hall 2/25/2015

Signature Date