

2014
ANNUAL REPORT

**ZOSTERA JAPONICA CONTROL ON COMMERCIAL
CLAM BEDS IN WILLAPA BAY**

WILLAPA BAY SHELLFISH

Submitted to:

Washington Department of Ecology

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Treatment Information

All treatments occurred within the boundaries of the provided bed corner coordinates, but all acres within these boundaries may not have been treated. For information concerning locations treated, size in acres, treatment dates and amount of active ingredient applied to the treatment area refer to Table 1.

Table 1. Treatment information for the control of *Zostera japonica* on commercial clam beds in Willapa Bay, WA.

| Treatment Dates | Location | Latitude | Longitude | Acres | Gallons of Mix (10 gal/acre) | Clearcast in mix (oz) | Active Ingredient (Total lbs.) | Active Ingredient (lbs. per acre) |
|-----------------|----------|-----------|------------|-------|------------------------------|-----------------------|--------------------------------|-----------------------------------|
| 5/31/2014 | E-231 | 46.611876 | -124.03854 | 10 | 100 | 120 | 0.9375 | 0.09375 |
| | | 46.611792 | -124.03587 | | | | | |
| | | 46.610026 | -124.03606 | | | | | |
| | | 46.610149 | -124.03849 | | | | | |

Monitoring Results

Under special condition S5.A monitoring is required if treatment occurs up to the 10m property line buffer. In 2014 no treatments occurred up to the 10m property line buffer therefore no additional monitoring was required.

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 report 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 Cuel 11-5-14

Signature

Date