

Pollution Identification and Correction (PIC)



HOUSEKEEPING

- Staff/partner Introductions
- Posters
- Printed Materials
- Mailing List/[Website](http://clallam.net/pic): clallam.net/pic

WHY IS WATER QUALITY IMPORTANT?



Lower Dungeness Watershed Sewage Disposal Status 2010

2010

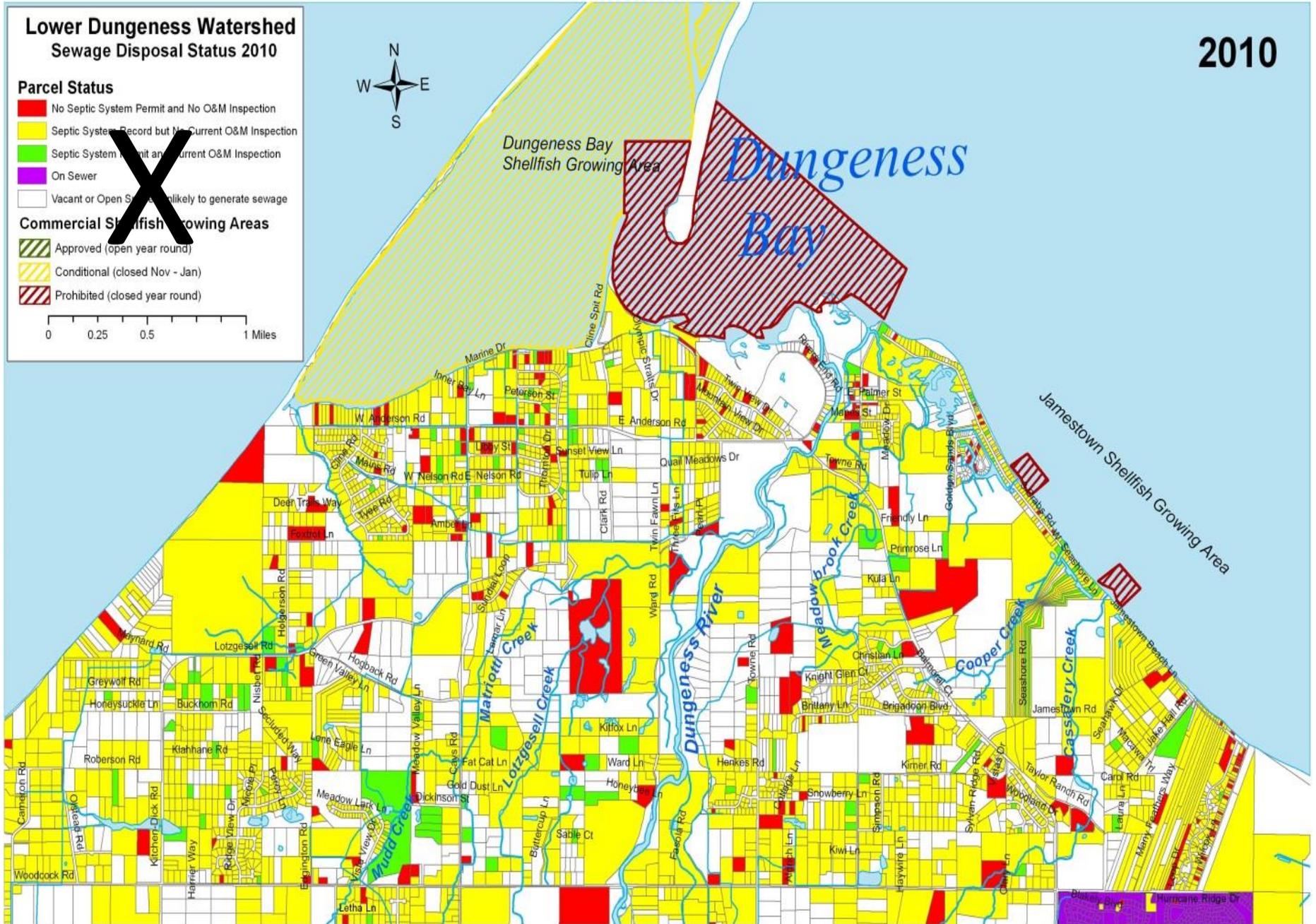
Parcel Status

- No Septic System Permit and No O&M Inspection
- Septic System Record but No Current O&M Inspection
- Septic System Permit and Current O&M Inspection
- On Sewer
- Vacant or Open Space unlikely to generate sewage

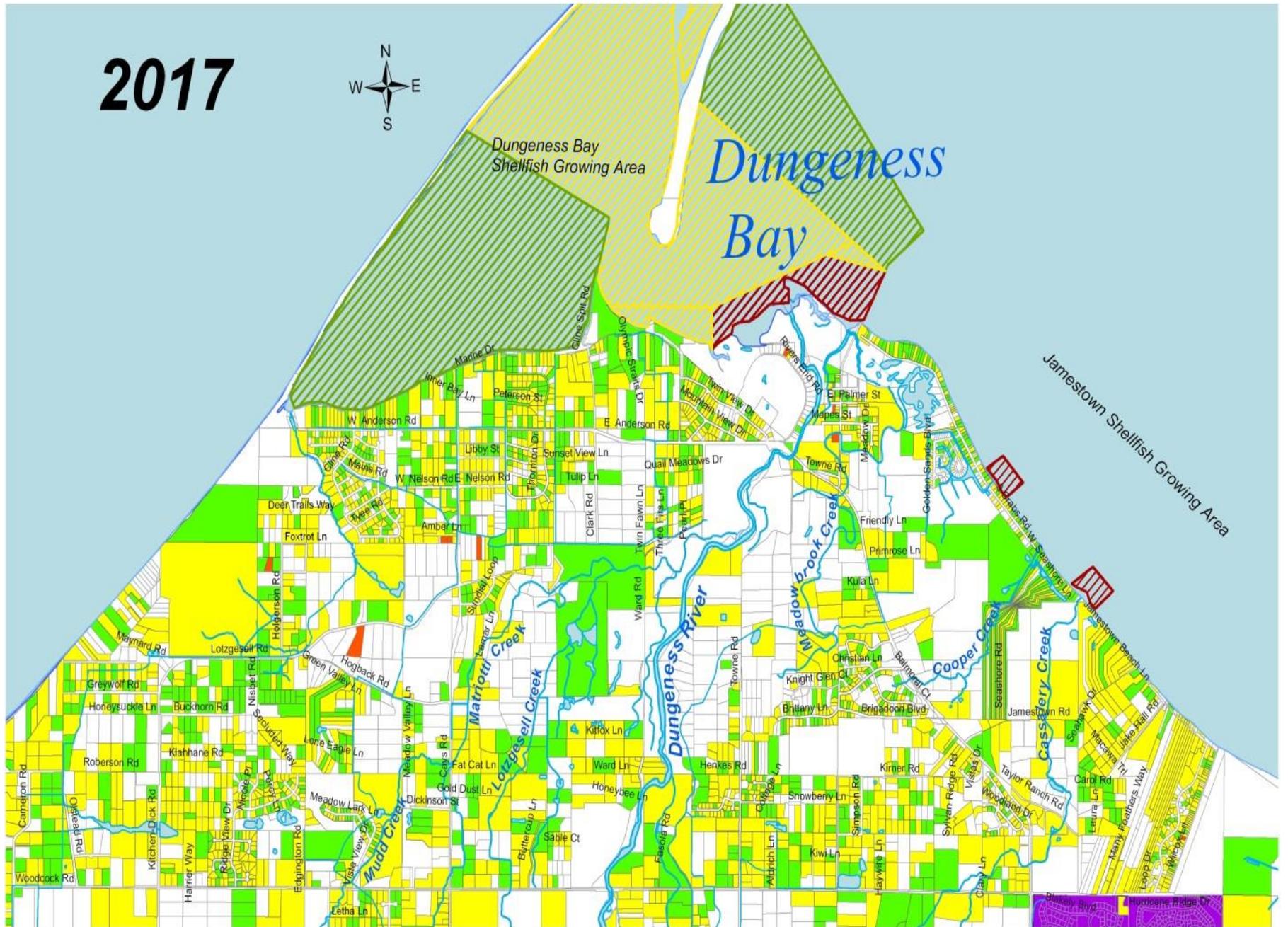
Commercial Shellfish Growing Areas

- Approved (open year round)
- Conditional (closed Nov - Jan)
- Prohibited (closed year round)

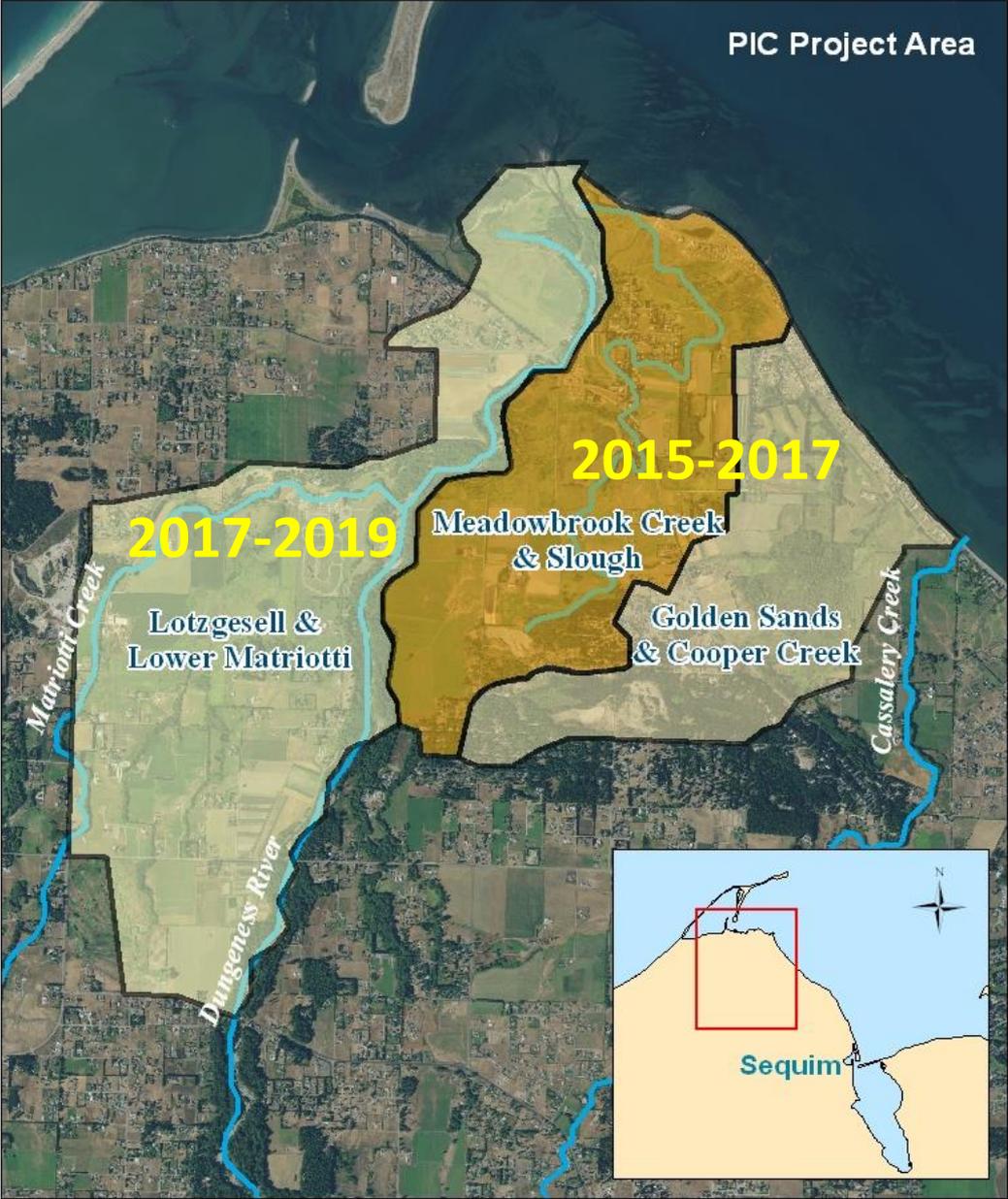
0 0.25 0.5 1 Miles



2017



PIC Project Area



Trends Monitoring



Segmented Sampling



Hot Spot?

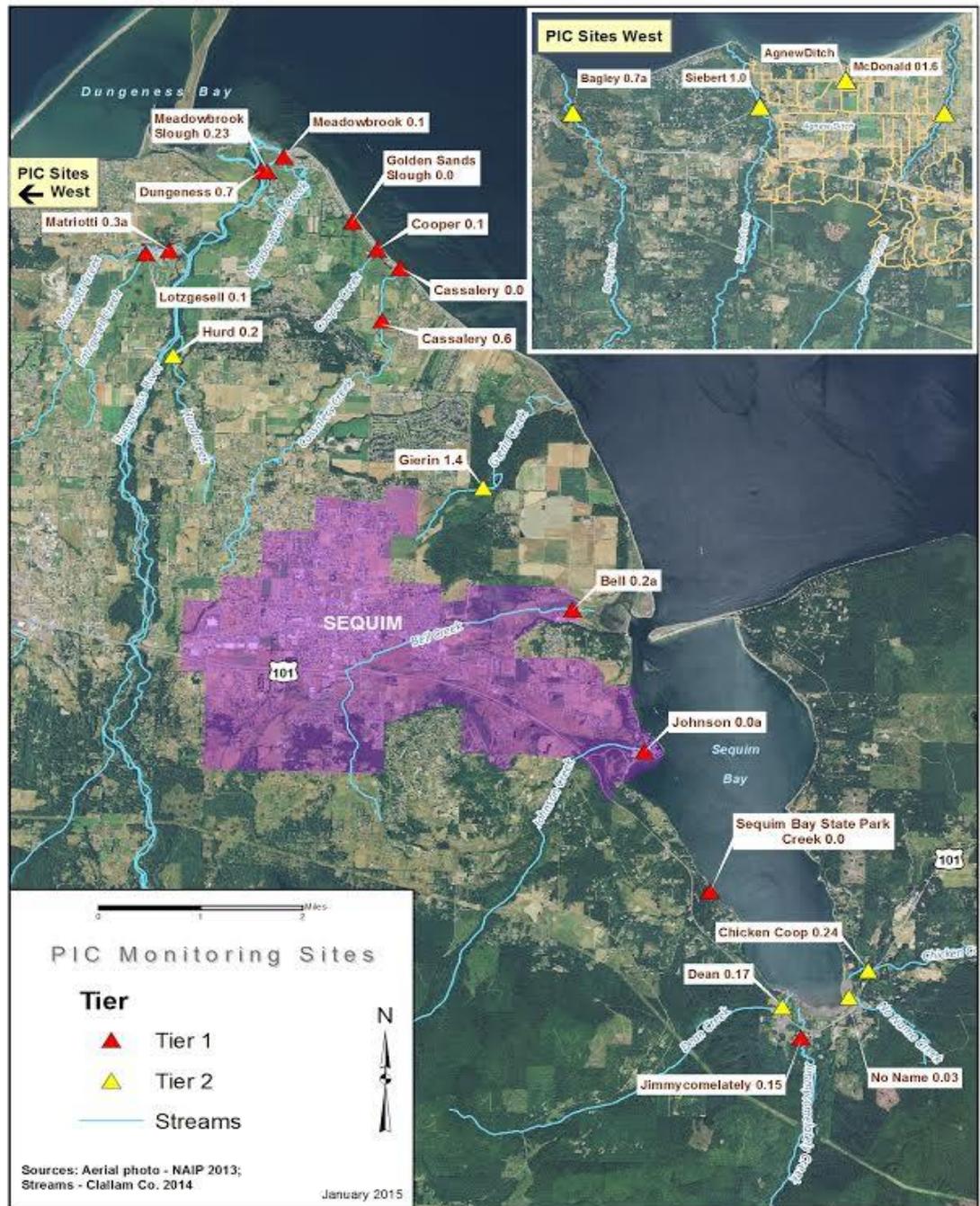
Further Investigation

Parcel Surveys

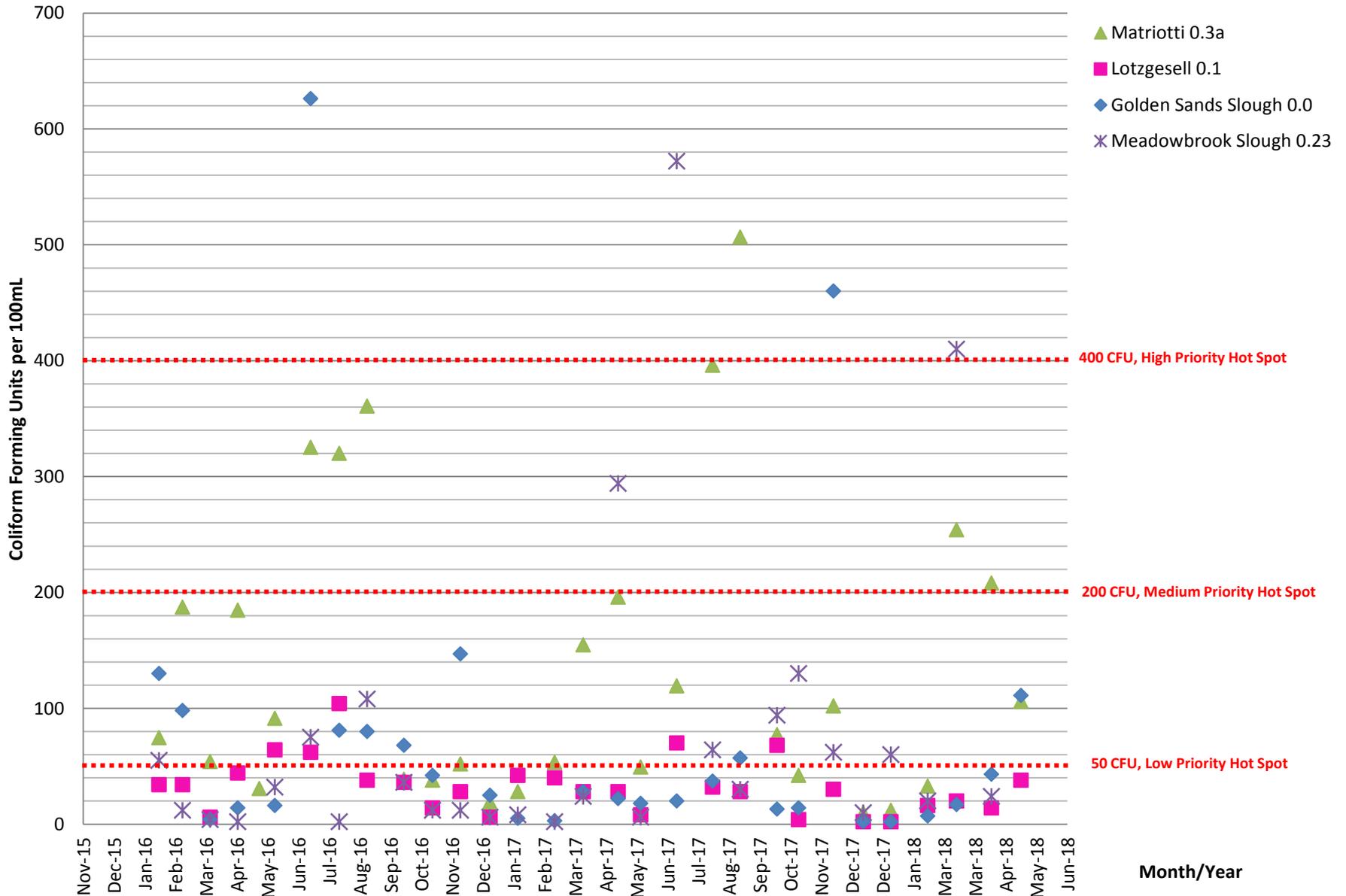
Pollution Correction

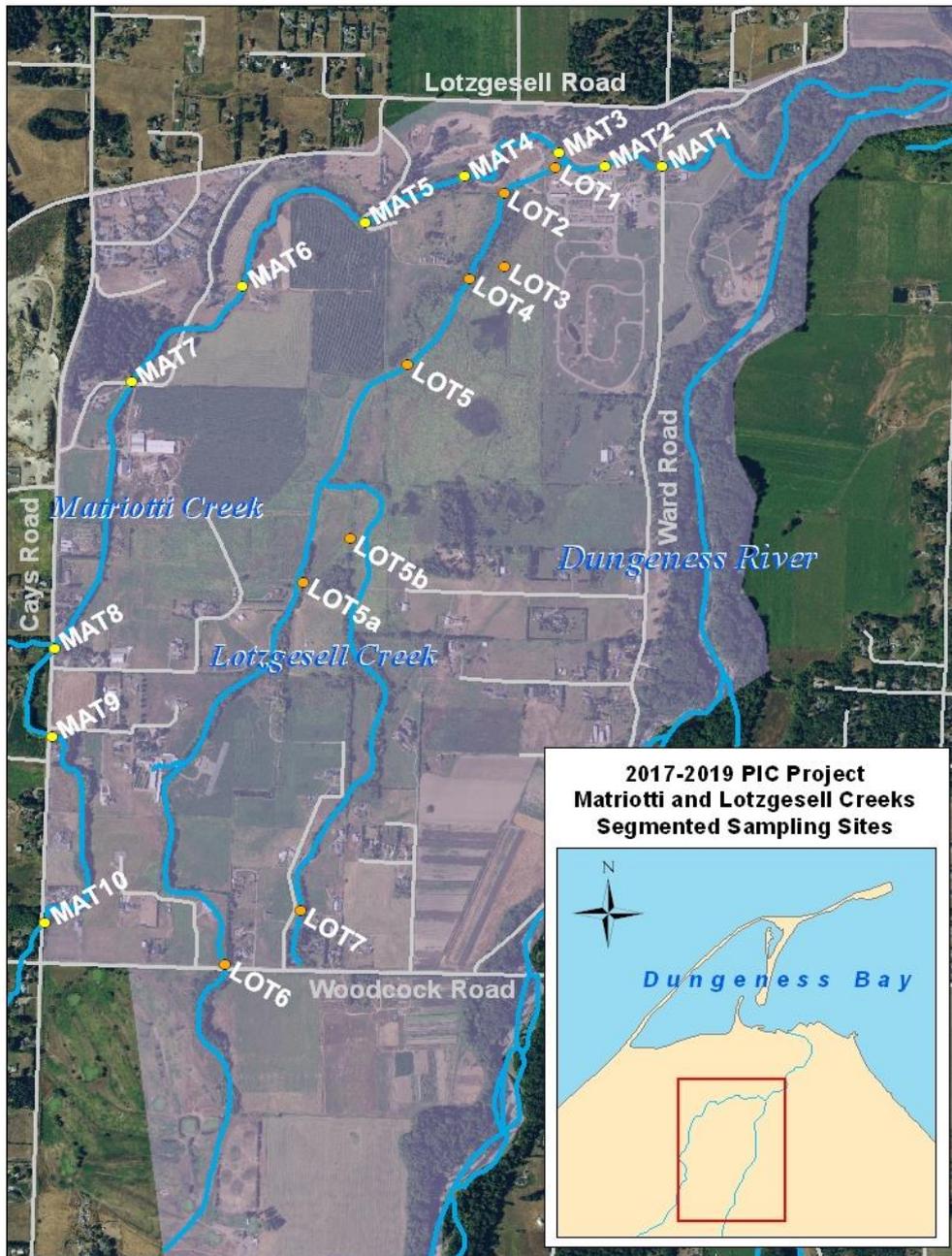
TRENDS MONITORING

GUIDES SELECTION OF FOCUS AREAS



Fecal Coliform Trends Monitoring in PIC Project Area 2015-2018

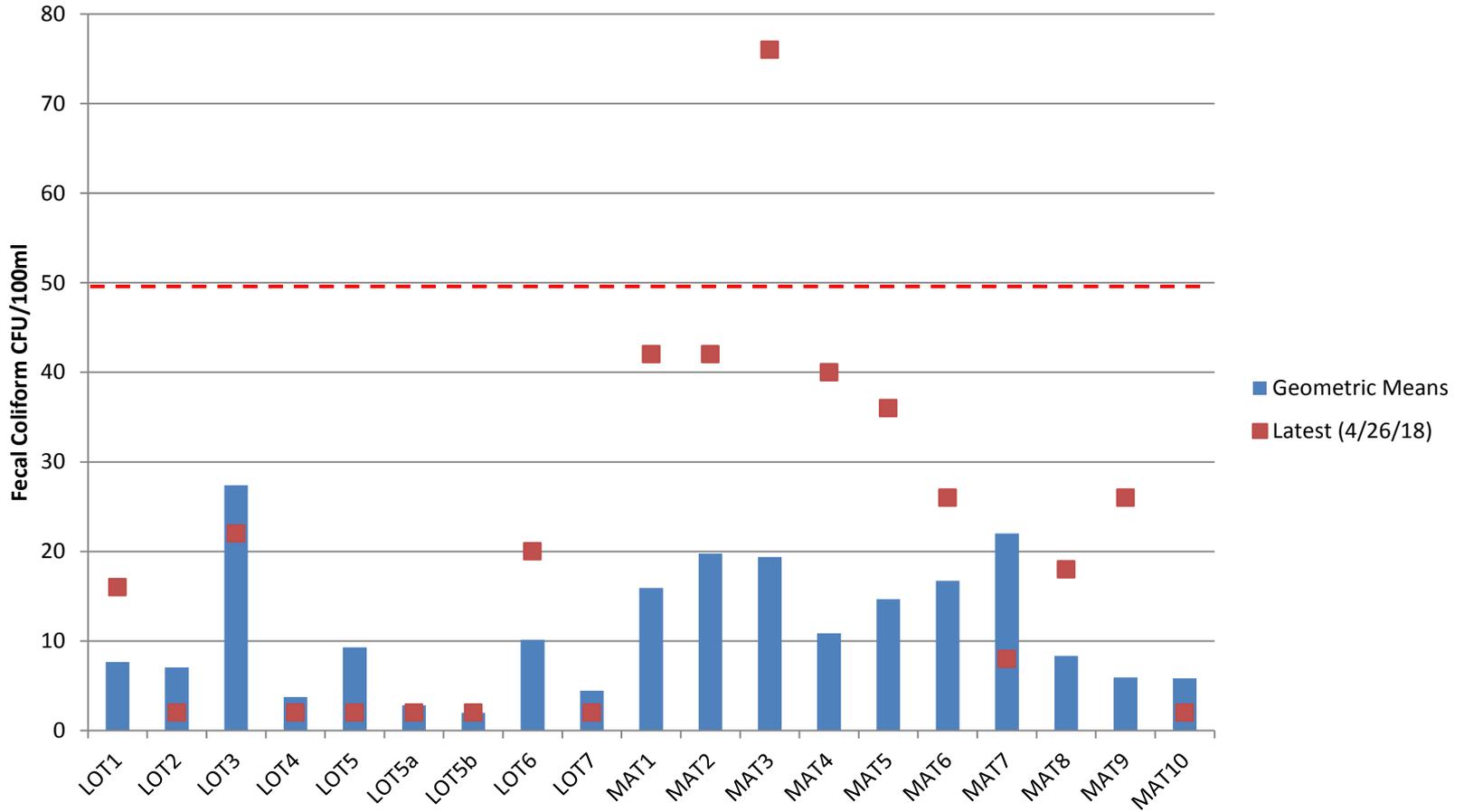




Matriotti and Lotzgesell Creeks

Segmented Sampling

PIC Segmented Sampling Results



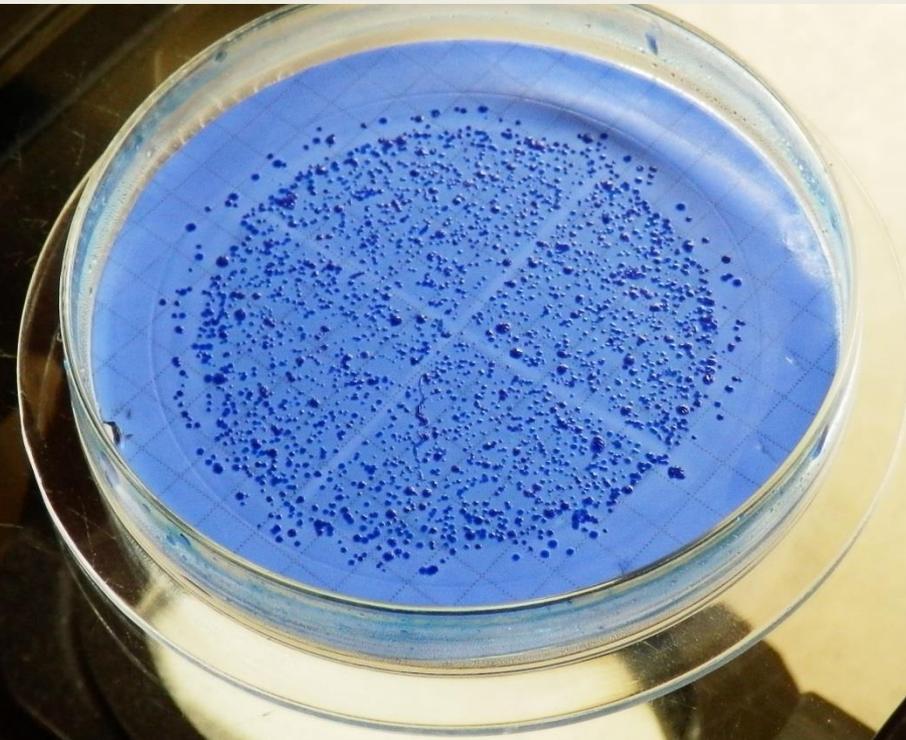
N=3 *Except:*

N=6 for LOT2, LOT3, LOT4, and LOT5;

N=2 for LOT5a and LOT5b.

Dashed red line at 50 CFU for reference (low priority hotspot threshold).

Segmented Sampling “Hot Spot” Criteria (If Multiple “Hot Spots”)

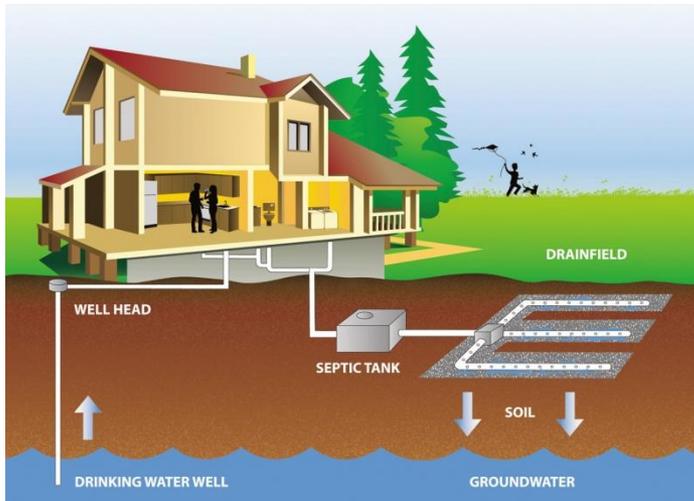


<u>High</u> <u>Priority</u>	<u>Medium</u> <u>Priority</u>	<u>Low</u> <u>Priority</u>
> 400 FC / 100mL	100 to 399 FC / 100mL	50 to 99 FC / 100mL

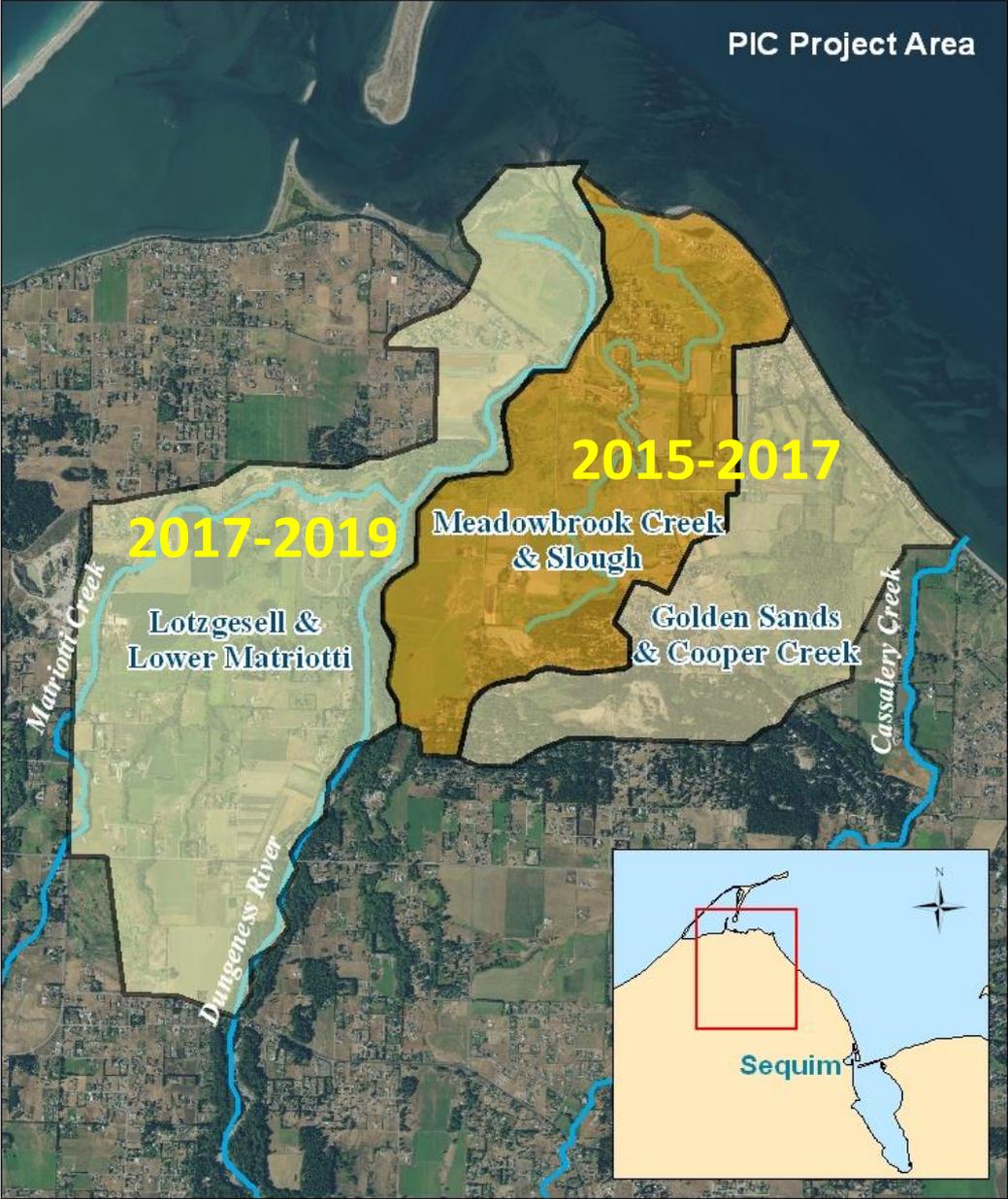
04/07/2017



**It's Not
Just The
Ducks...**



PIC Project Area



3 Crabs Activities

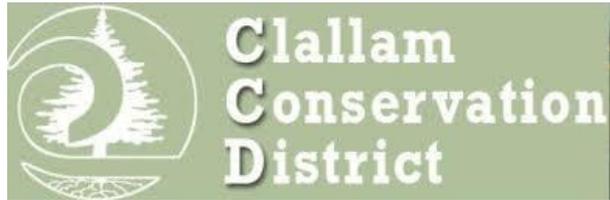


Golden Sands Activities



Meadowbrook (Dungeness) Slough Activities





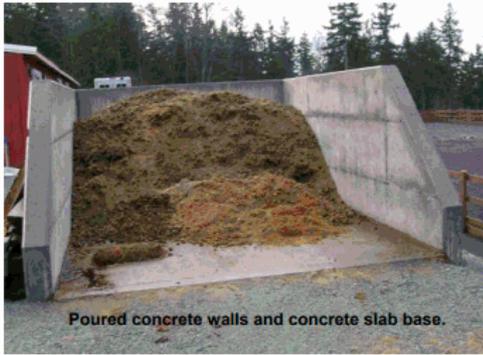
ents in runoff before they enter the waterway.

drainage ditch.

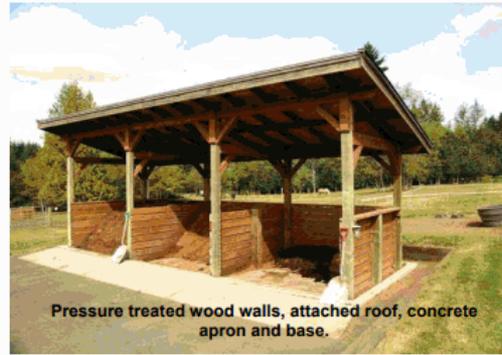
<http://clallam.scc.wa.gov>

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SAMPLE MANURE STORAGE STRUCTURES & COMPOST BINS



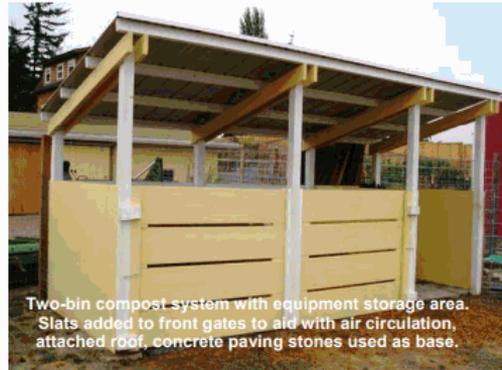
Poured concrete walls and concrete slab base.



Pressure treated wood walls, attached roof, concrete apron and base.



Three-bin compost system with ecology block walls, adjustable timber fronts, attached roof, and concrete base.



Two-bin compost system with equipment storage area. Slats added to front gates to aid with air circulation, attached roof, concrete paving stones used as base.



Pressure treated timber compost bins on compact native soil, covered with a tarp.



CREP

3. 15.6 acre on the Clallam River
(see map inside)



The Conservation Reserve Enhancement Program (CREP) is a voluntary program designed to compensate landowners for establishing forested buffers along streams.

100% of Planting Costs Covered

Landowners are reimbursed for 100% of the eligible costs for CREP buffer establishment *and* maintenance. In addition landowners may be reimbursed for livestock exclusion fencing, livestock watering facilities, and in some cases livestock crossings.

Get Paid to Plant Trees

Landowners also receive annual rental payments ranging from \$100 to \$260 per acre for the length of the contract, 10 to 15 years.

Tired of Battling Weeds?

CREP is a great program for landowners who are fed up with trying to control invasive plants such as reed canary grass and Himalayan blackberry. CREP pays to replace non-native vegetation with native vegetation.



CREP in CLALLAM COUNTY

# of projects to date:	27
Miles of buffer:	8.58
Acres of buffer:	114.6
Seedlings planted:	57,000
Feet of livestock fence:	6,605

Buffers Planted Throughout Clallam County on:

Bear Creek (trib. to Salt Creek), Bell Creek, Big River, Chicken Coop Creek, Clallam River, Cassalery Creek, Indian Creek, Jimmy Come Lately Creek, Lotzgesell Creek, Matriotti Creek, Meadowbrook Creek, Nelson Creek, Pysht River, Salt Creek, and Tumwater Creek

Wondering What All the Blue & White Tubes Are?



They are plant protectors. They keep mice and voles from girdling newly planted trees and shrubs, and protect plants from weed whackers.

CREP pays for plant protectors to be installed on all of the trees planted through the program.



CLALLAM CONSERVATION DISTRICT

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