

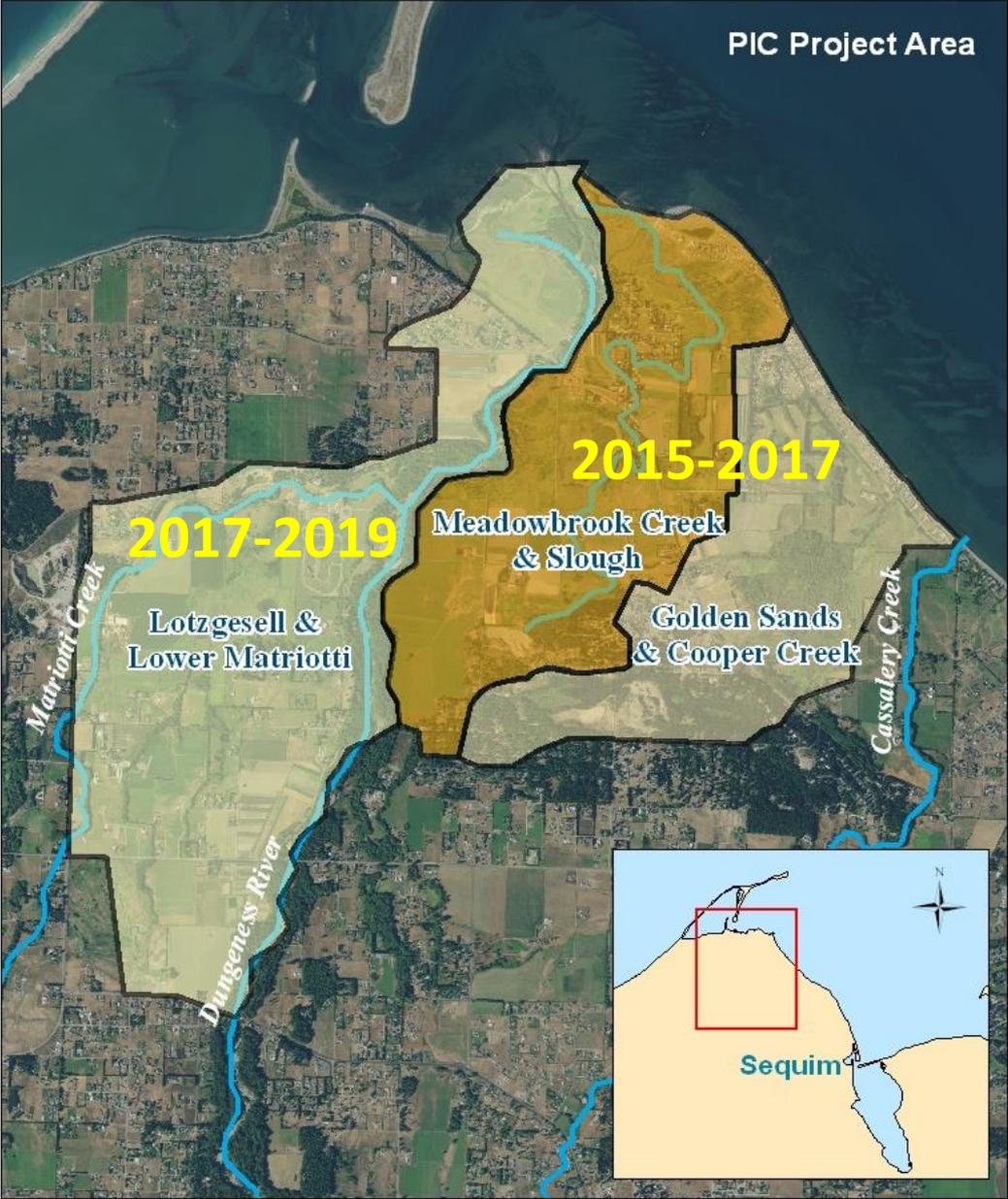
Pollution Identification and Correction (PIC)



HOUSEKEEPING

- Staff/partner Introductions
- Posters
- Printed Materials
- Mailing List/[Website](#):

PIC Project Area



Lower Dungeness Watershed Sewage Disposal Status 2010

2010

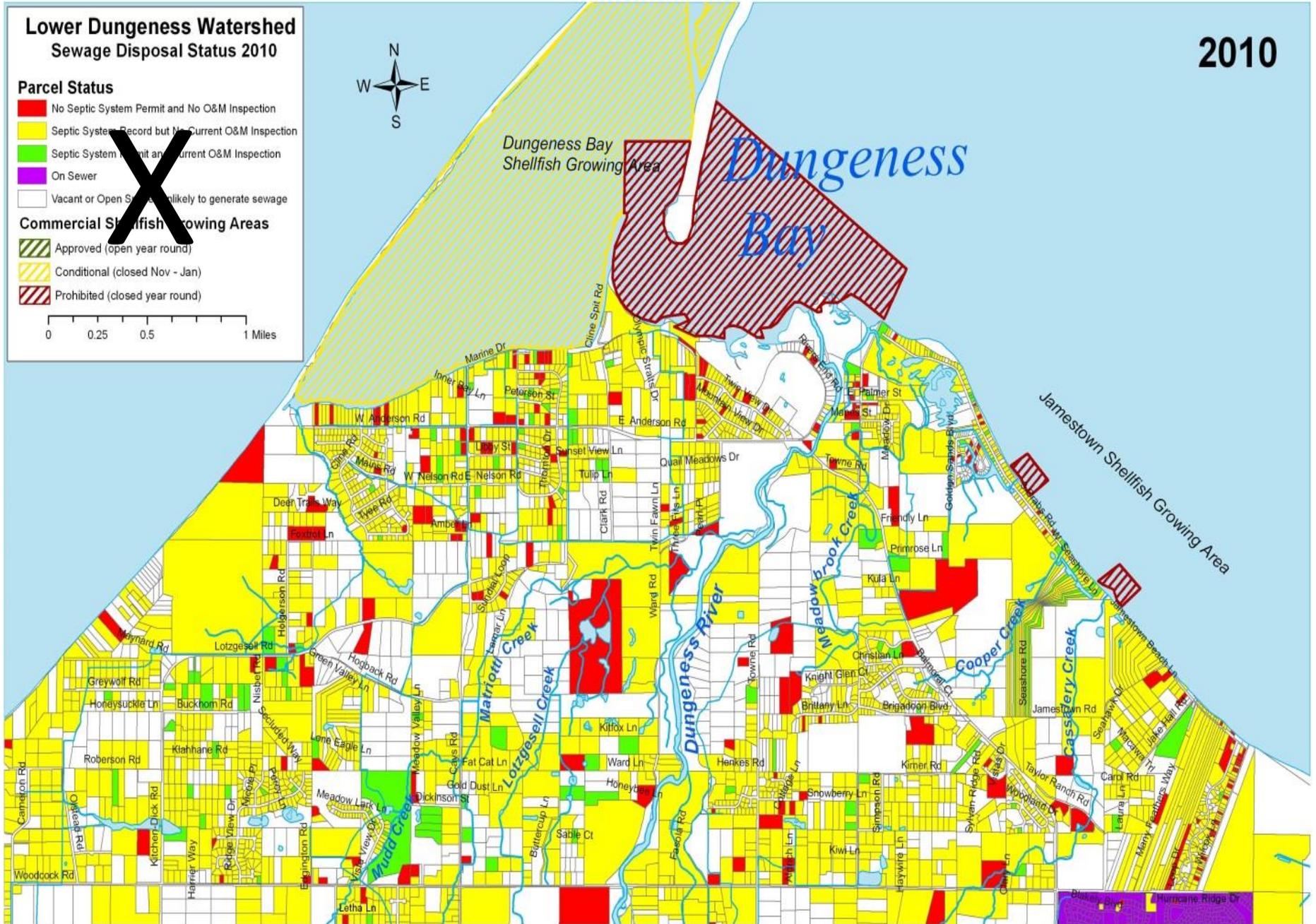
Parcel Status

- 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

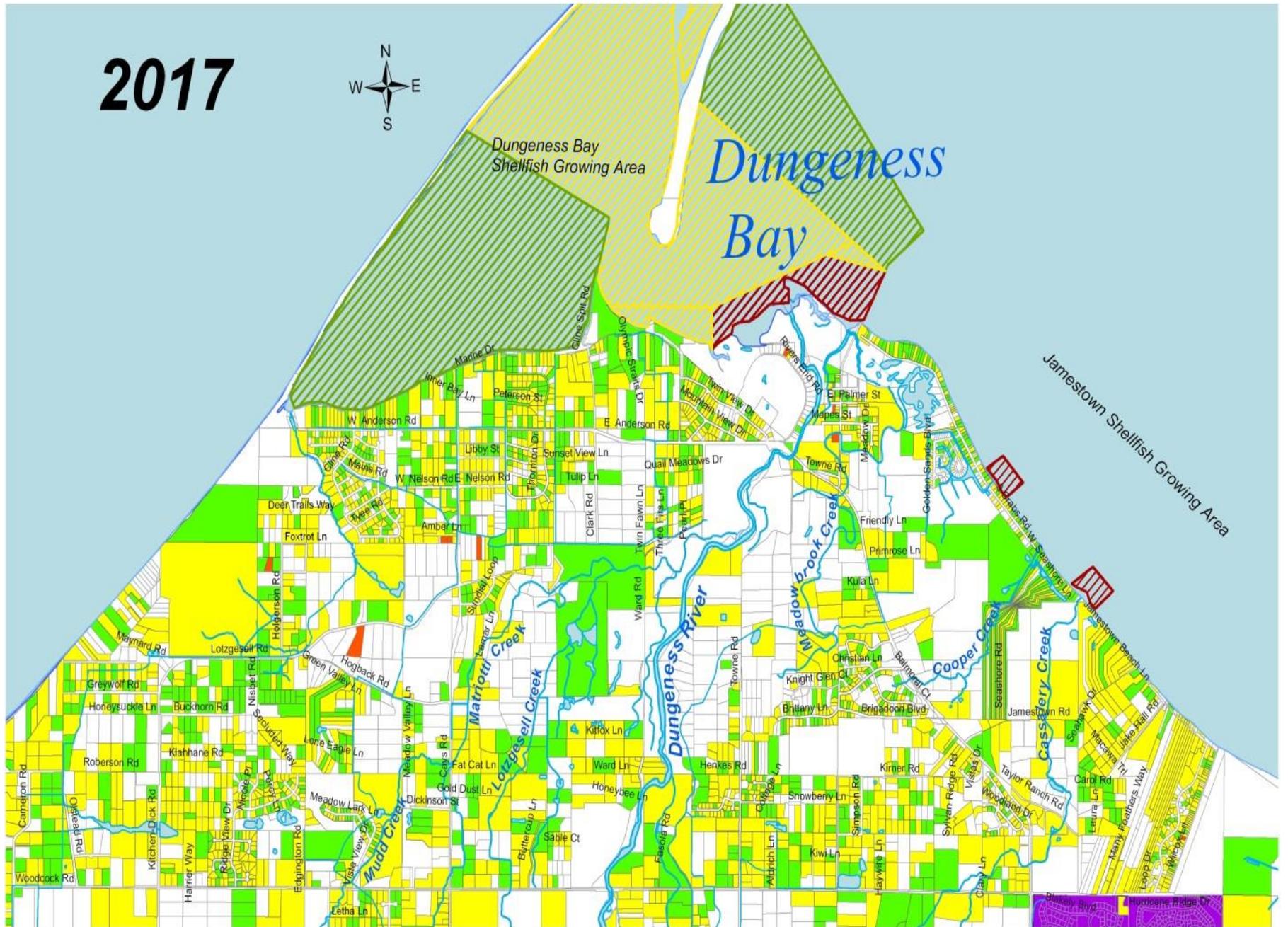
Commercial Shellfish Growing Areas

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

0 0.25 0.5 1 Miles



2017



1997 Measurements in Dungeness Bay showed unsafe bacteria levels

2001 Dungeness Clean Water District was formed

2006 Marine Recovery Area (MRA) was formed

2014 PIC plan coordinated

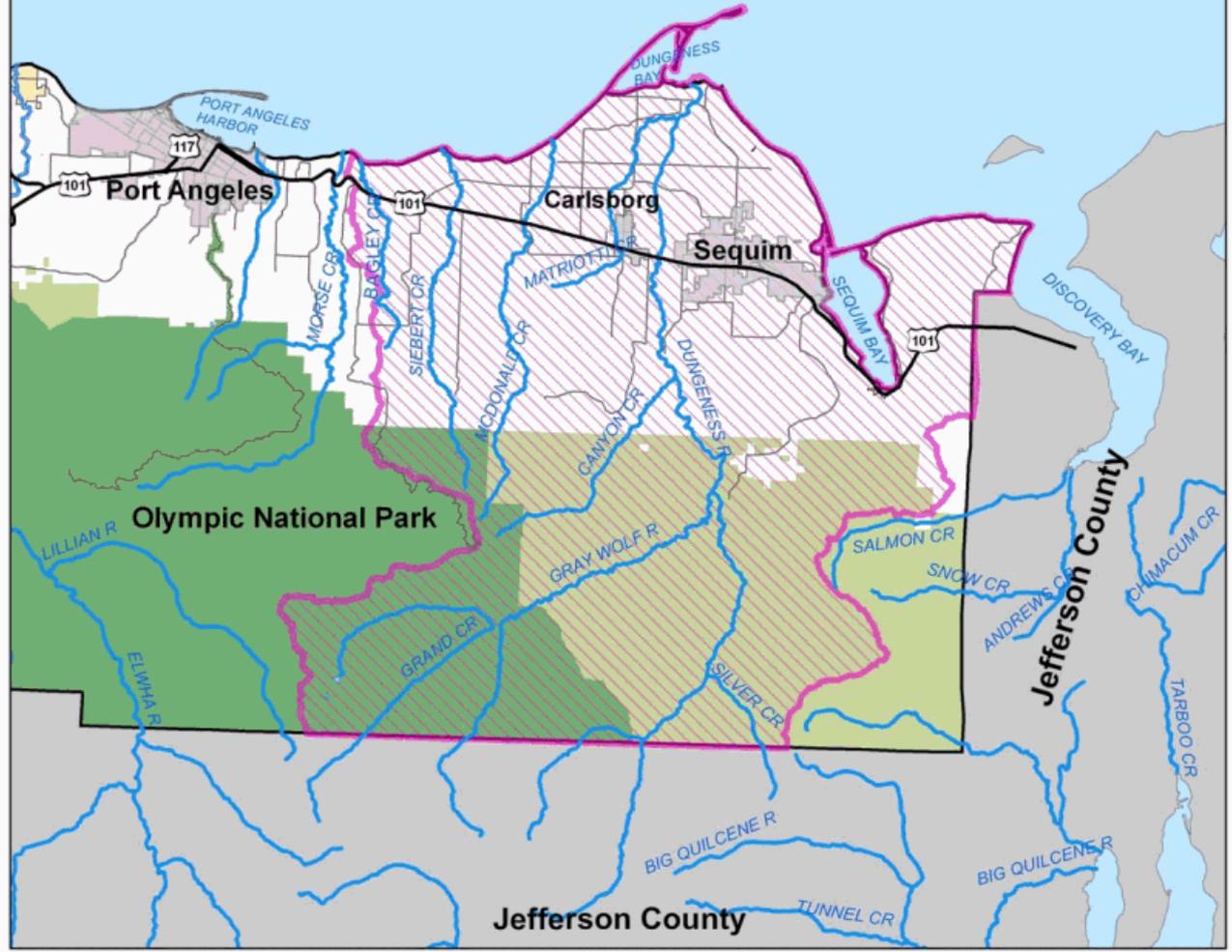
2015 PIC pilot project selected

2017 Matriotti PIC launching

- TWIG
- TMDL
- Irrigation Piping



 MRA encompassing the Dungeness/Sequim Clean Water District

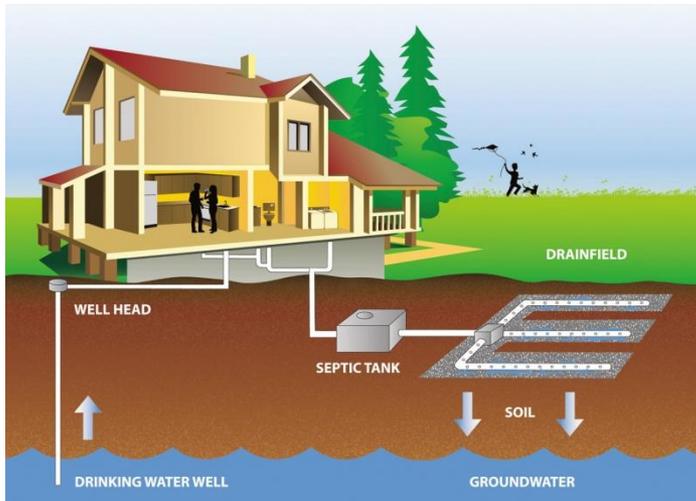


WHY IS WATER QUALITY IMPORTANT?





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



Trends Monitoring



Segmented Sampling



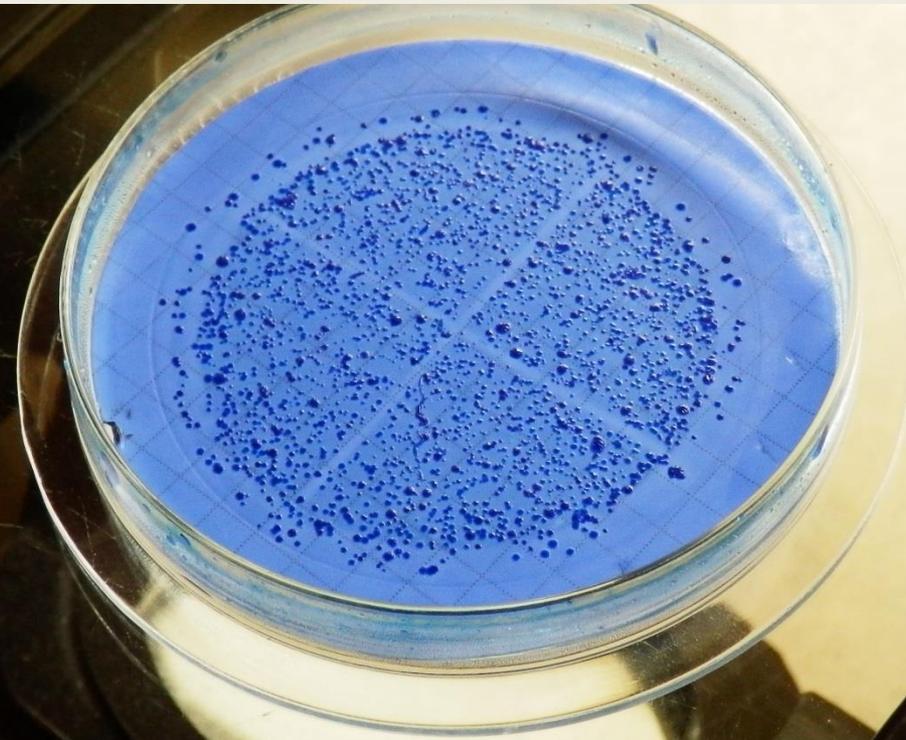
Hot Spot?

Further Investigation

Parcel Surveys

Pollution Correction

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

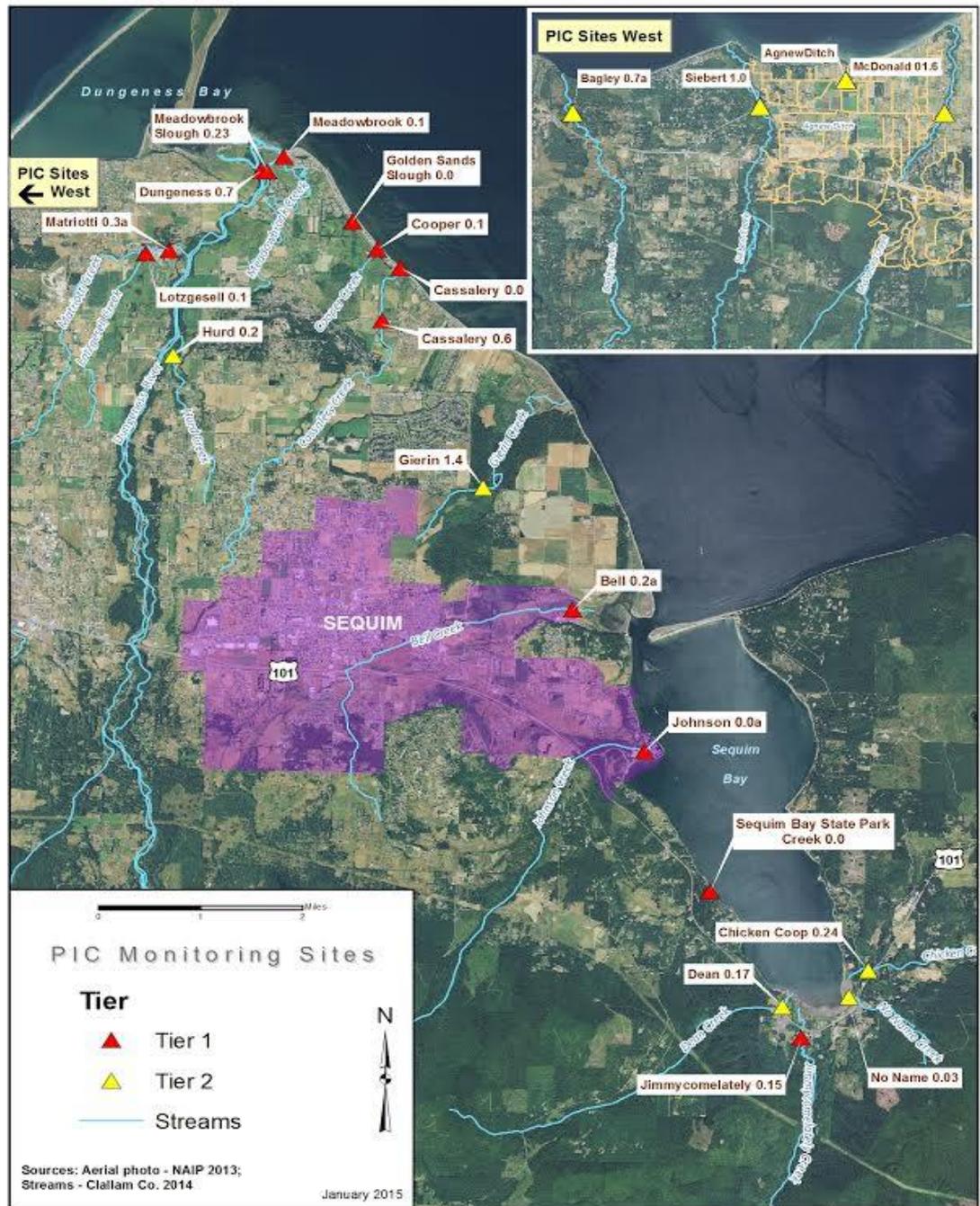


<u>High</u> <u>Priority</u>	<u>Medium</u> <u>Priority</u>	<u>Low</u> <u>Priority</u>
> 400 FC / 100mL	100 to 399 FC / 100mL	50 to 99 FC / 100mL

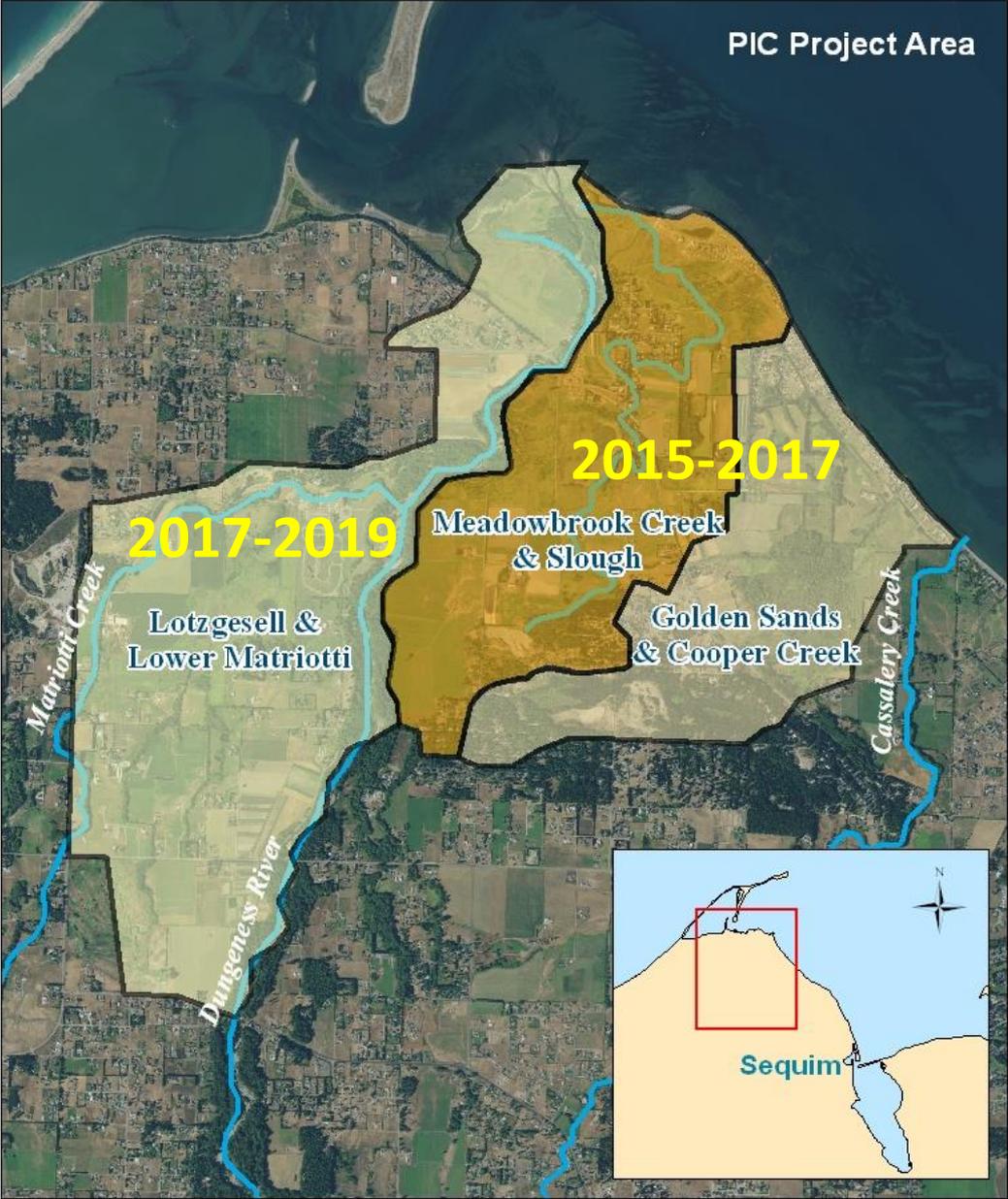
04/07/2017

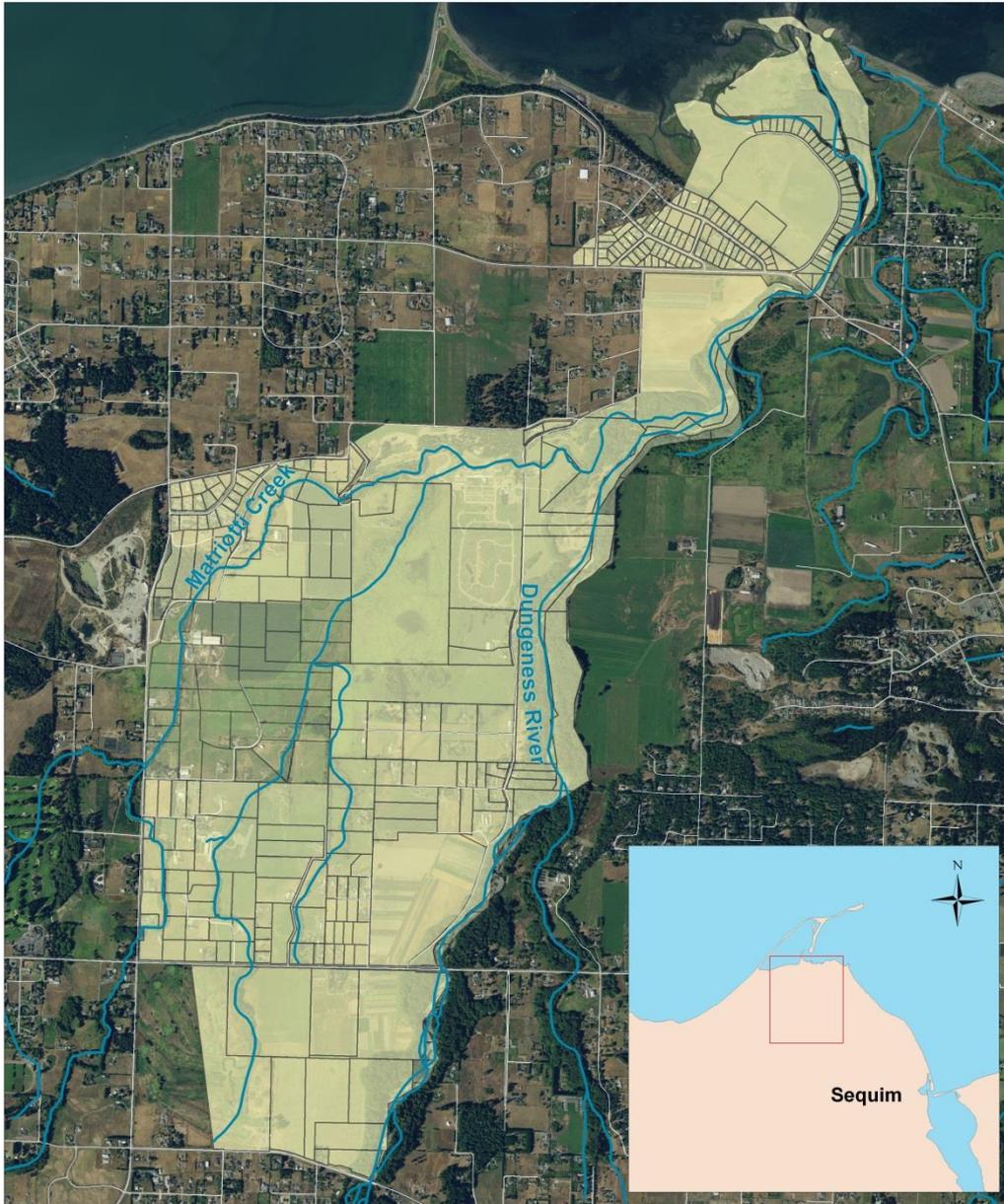
TRENDS MONITORING

GUIDES SELECTION OF FOCUS AREAS



PIC Project Area





Matriotti and Lotzgesell Creeks

- Trends—Ongoing
- Begin Outreach—Late 2017
- Segmented Sites—Late 2017
- Sampling—2018
- Surveys—Second Half 2018
- Correction—2018 to 03/2019

2015-2017 PROJECT UPDATES

3 Crabs Activities

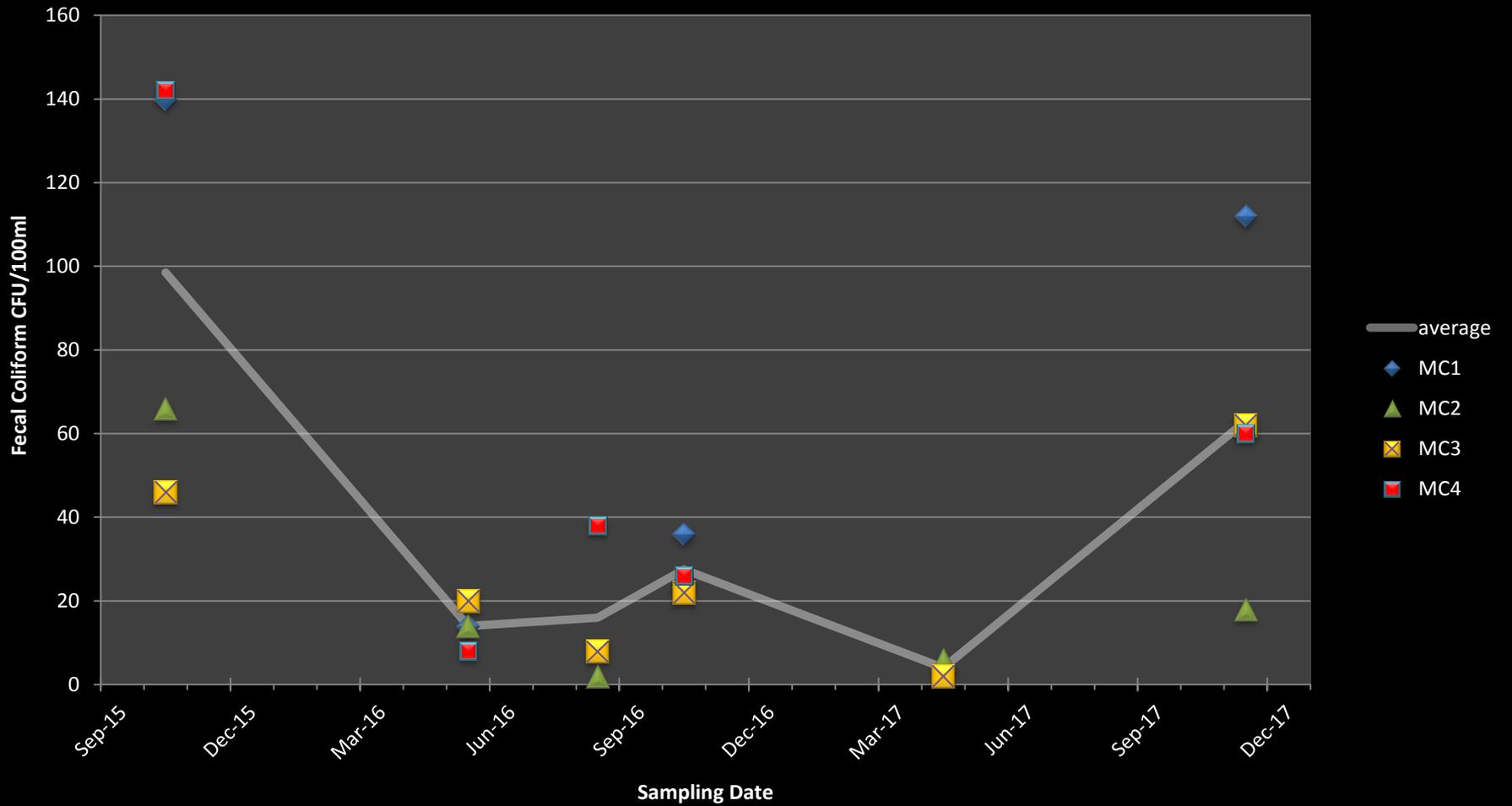


Meadowbrook Creek Segmented Sampling

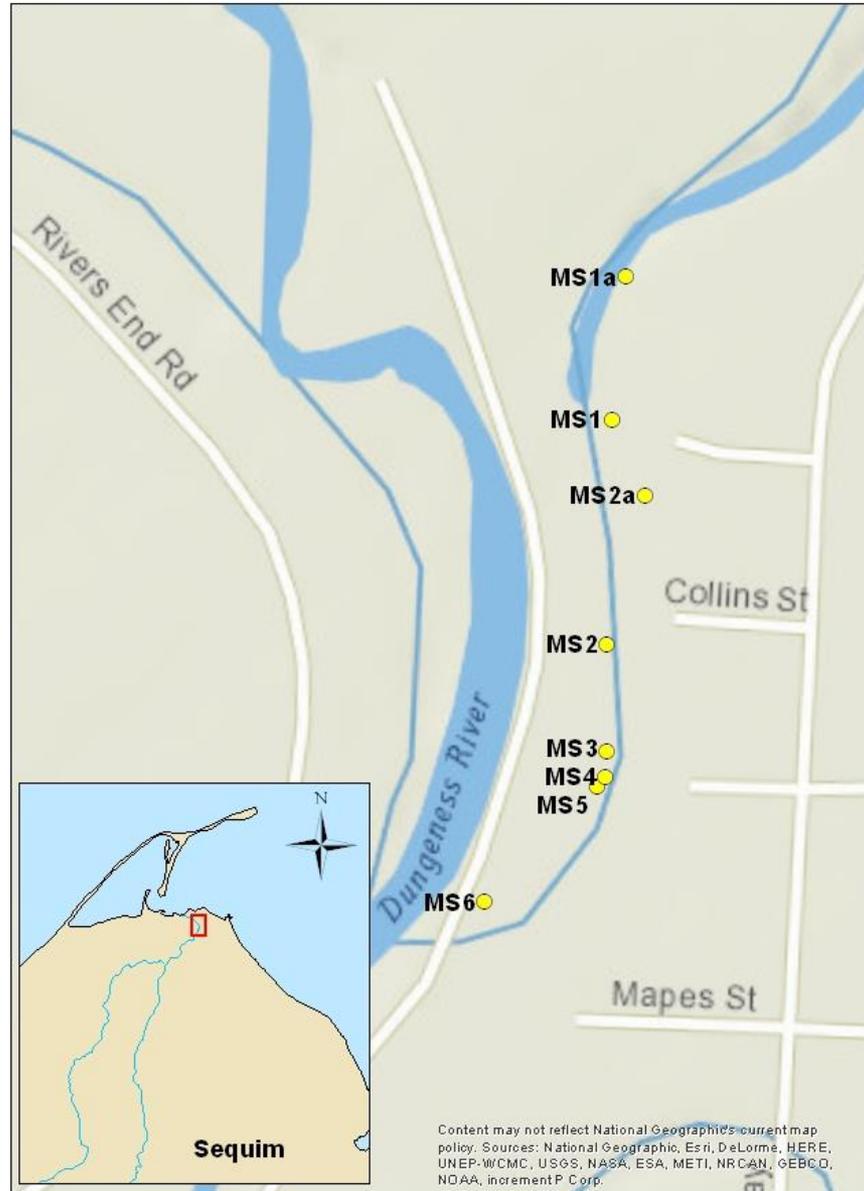


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Meadowbrook Creek Segmented Sampling

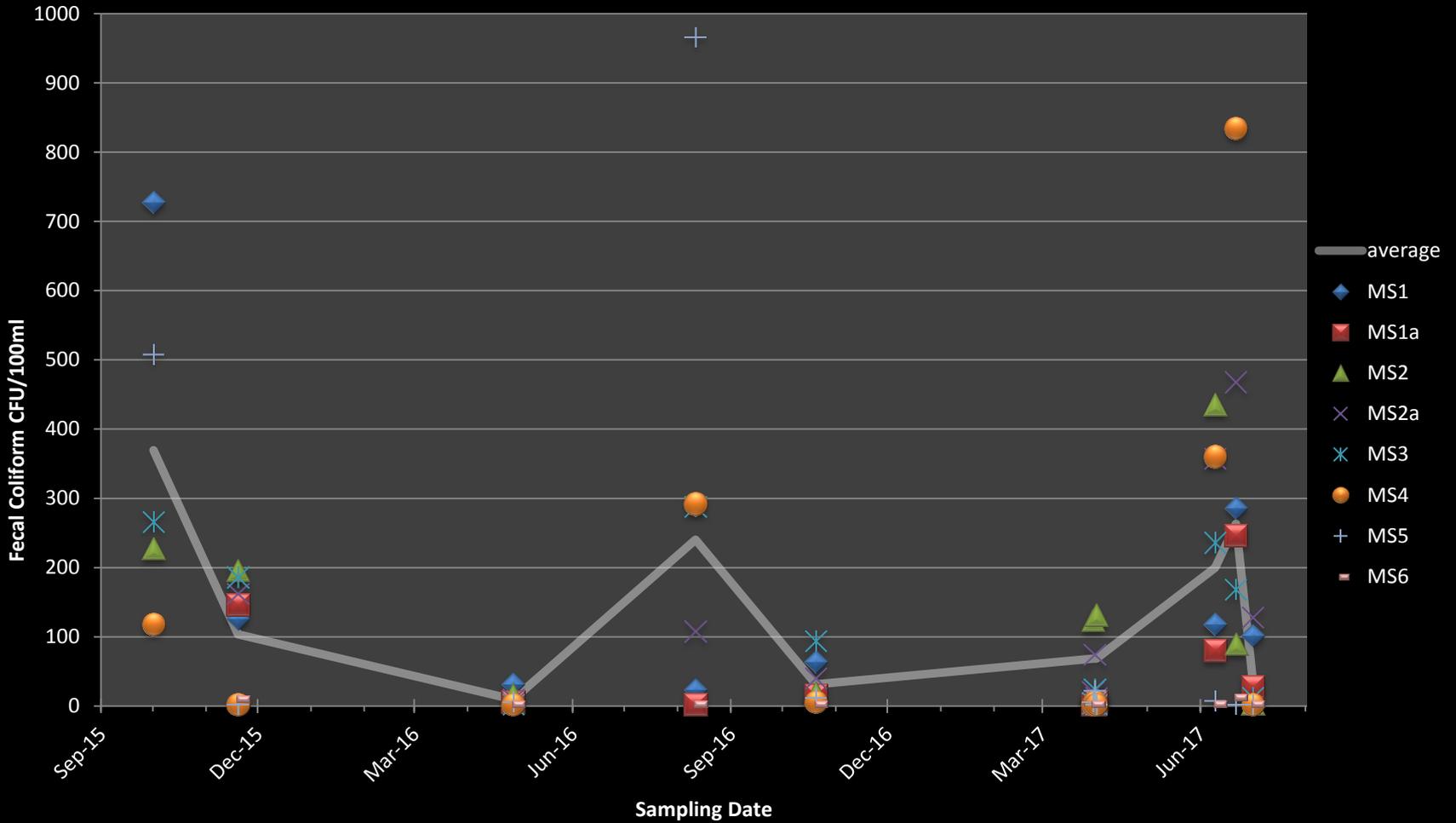


Meadowbrook (Dungeness) Slough Segmented Sampling



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Meadowbrook Slough Segmented Sampling





Golden Sands Slough Segmented Sampling



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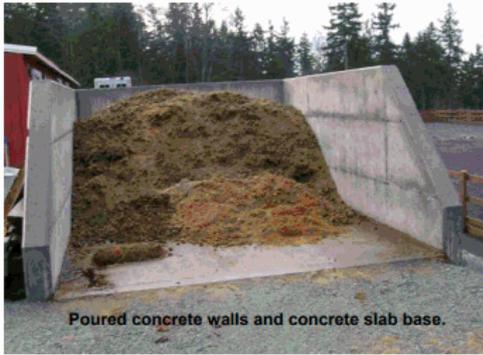
ents in runoff before they enter the waterway.

drainage ditch.

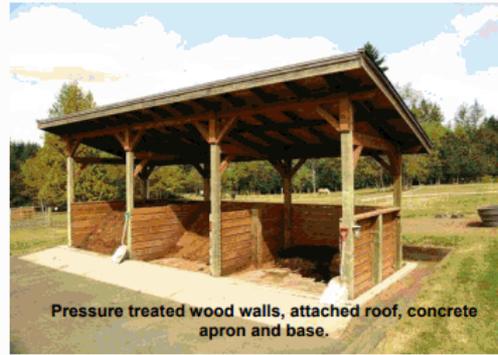
<http://clallam.scc.wa.gov>

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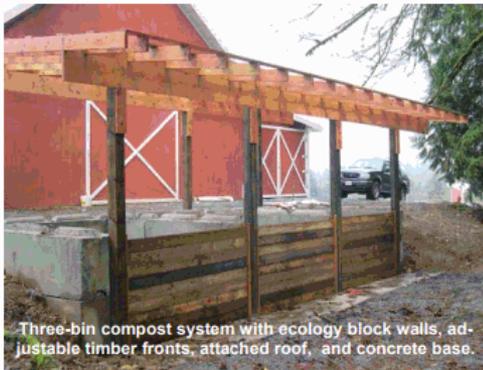
SAMPLE MANURE STORAGE STRUCTURES & COMPOST BINS



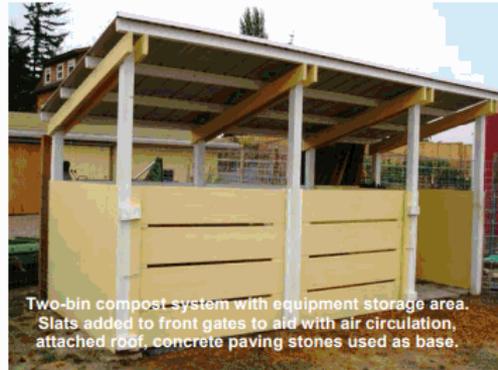
Poured concrete walls and concrete slab base.



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.



It takes teamwork to clean up and protect the health of our waters!

Questions?

