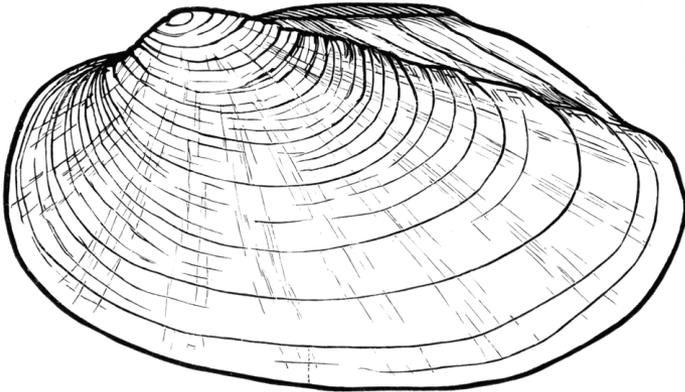


Pollution Identification and Correction

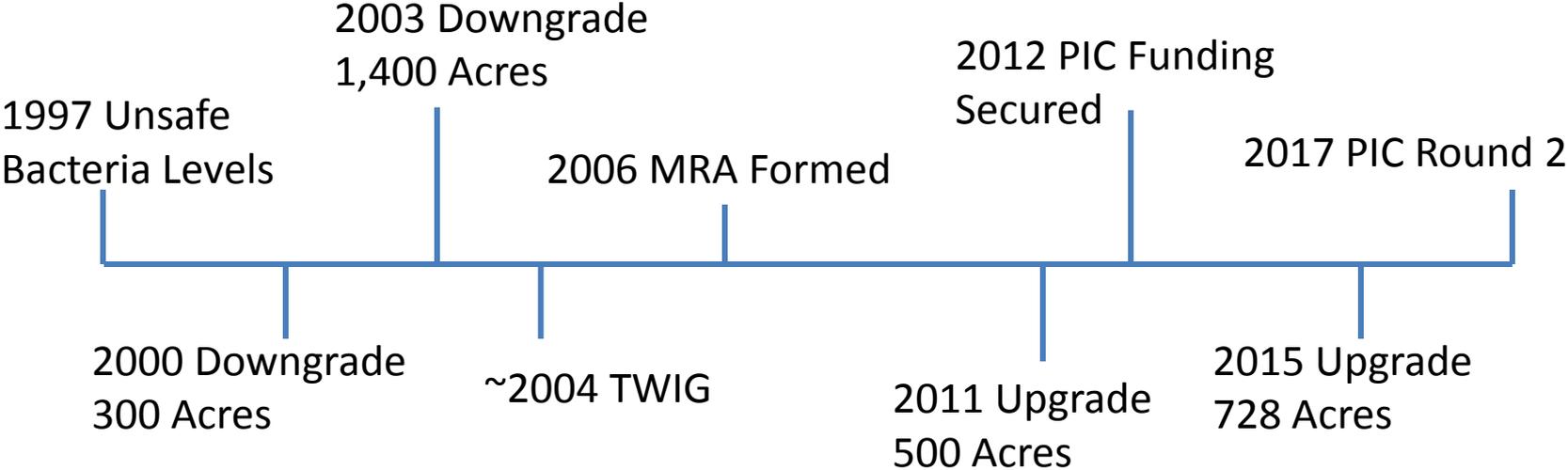
June 23, 2017



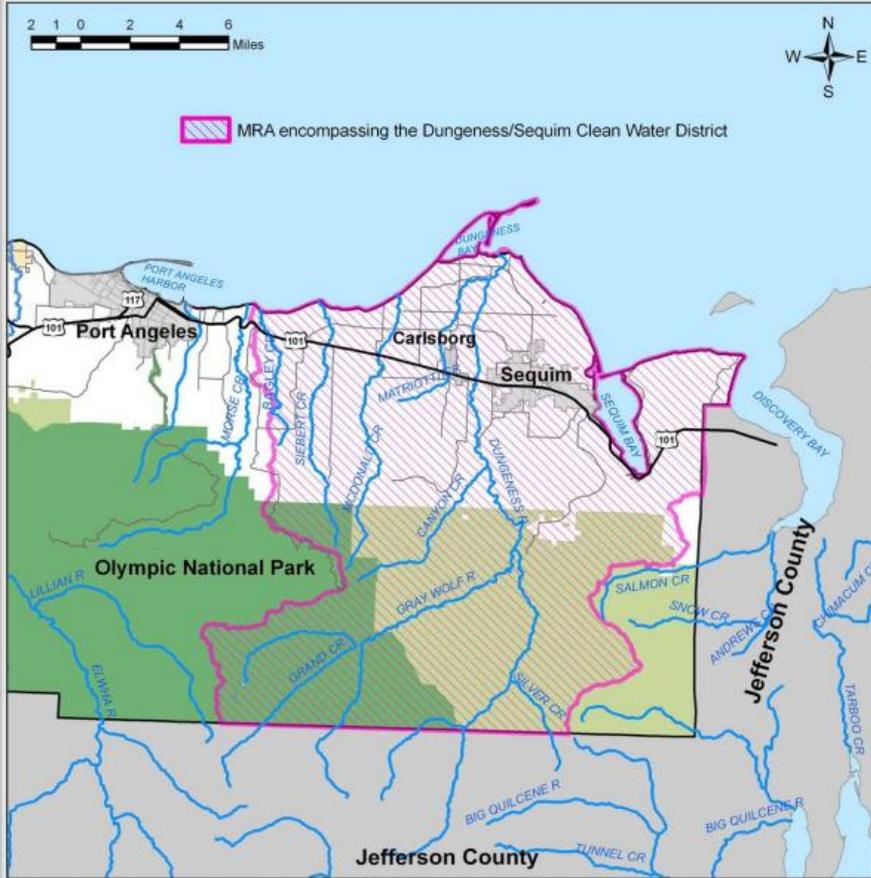
Dungeness Bay Water Quality



- TMDL
- Circulation Study
- Irrigation Ditches



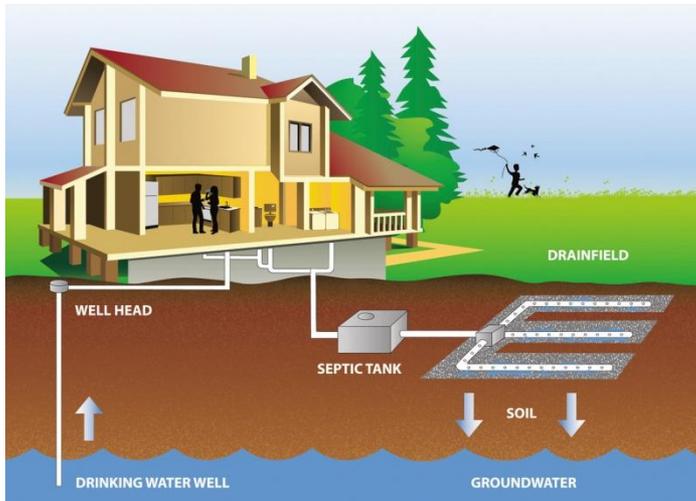
Clallam County Marine Recovery Area (MRA) including the Dungeness/Sequim Clean Water District





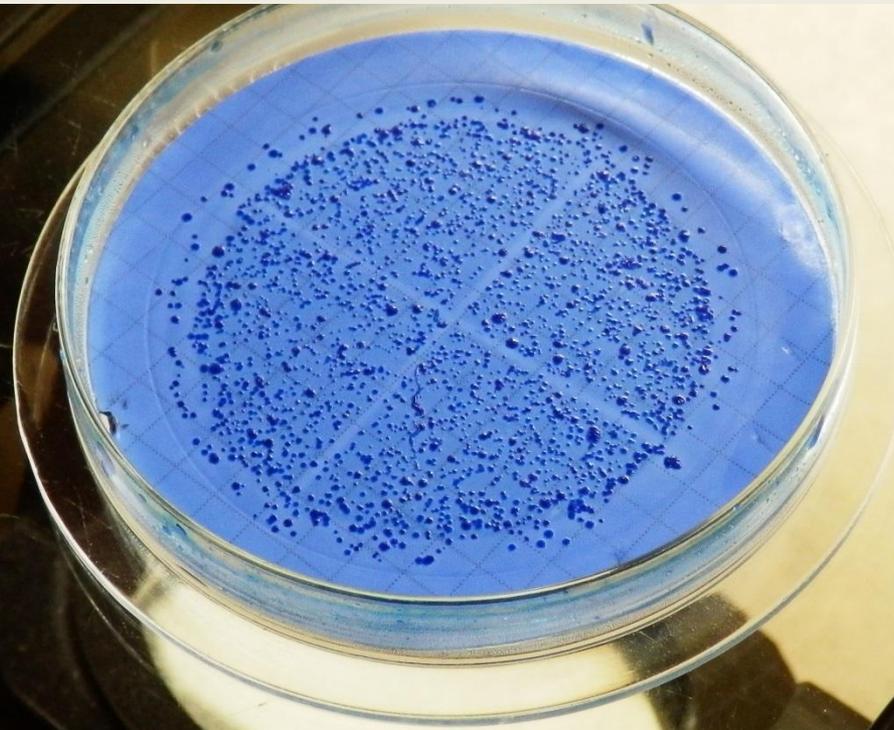


**It's Not
Just The
Ducks...**





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



Segmented Sampling



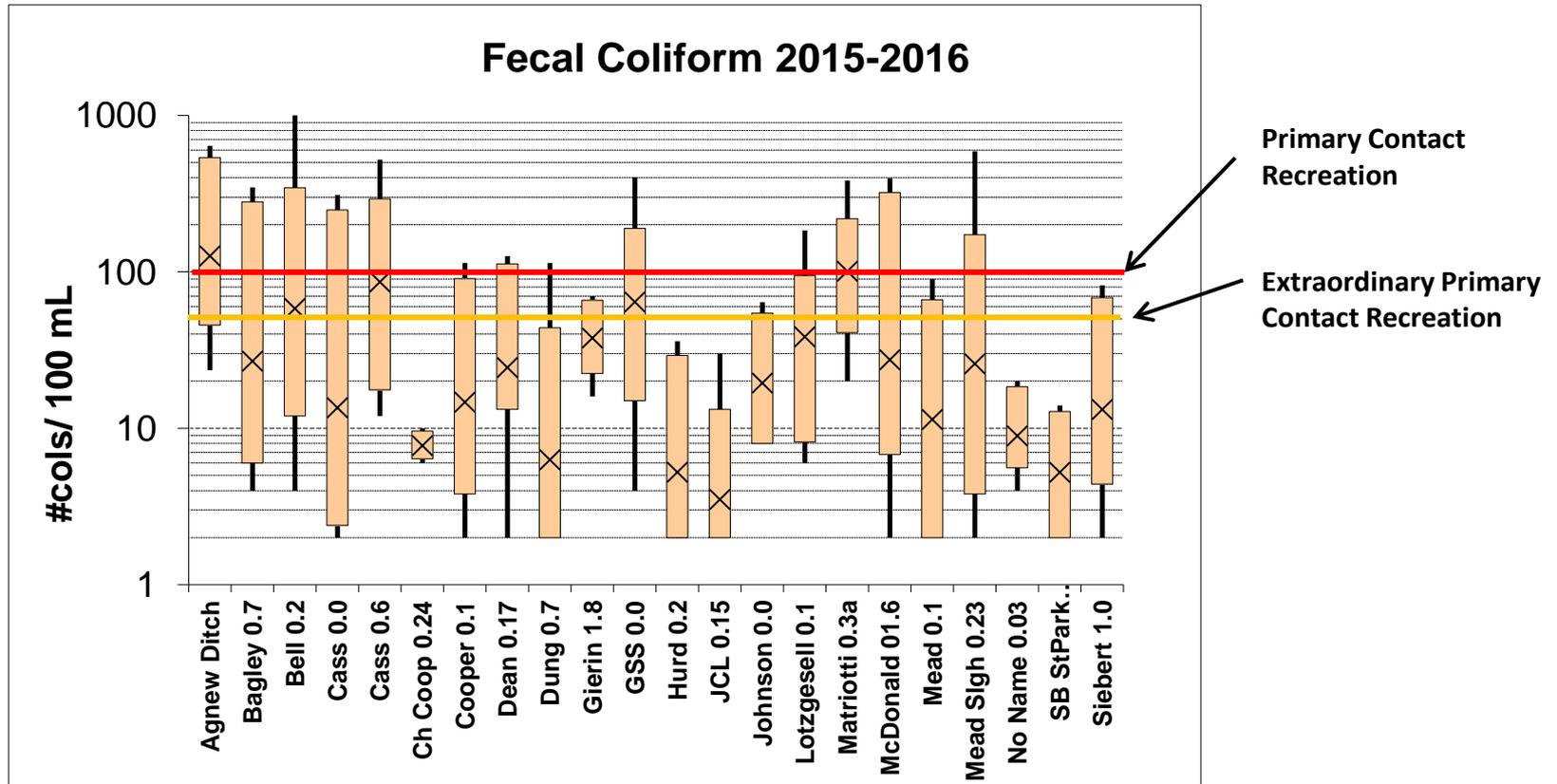
Hot Spot?

Further Investigation

Parcel Surveys

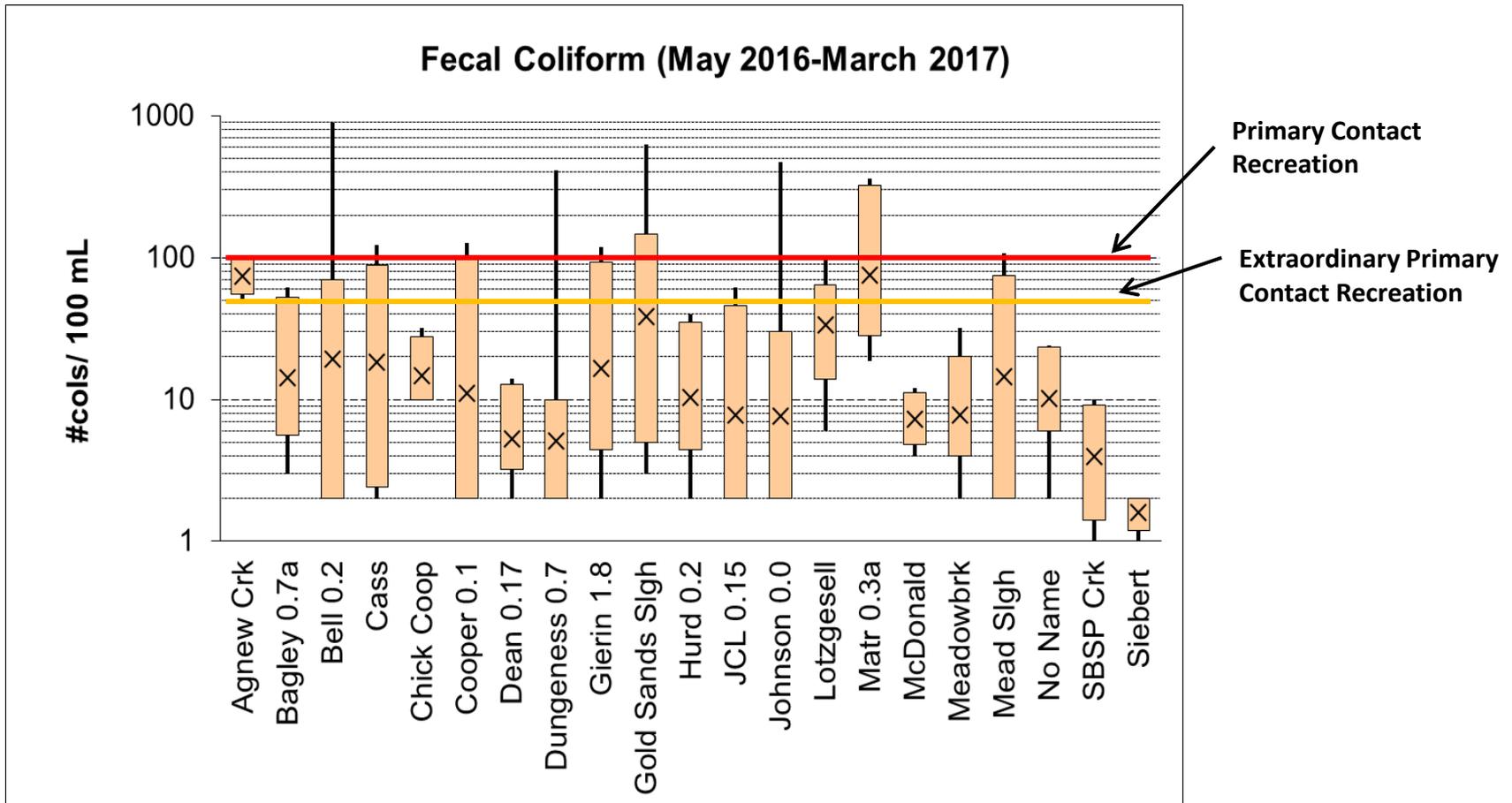
Pollution Correction

Trends Monitoring 2015-2016



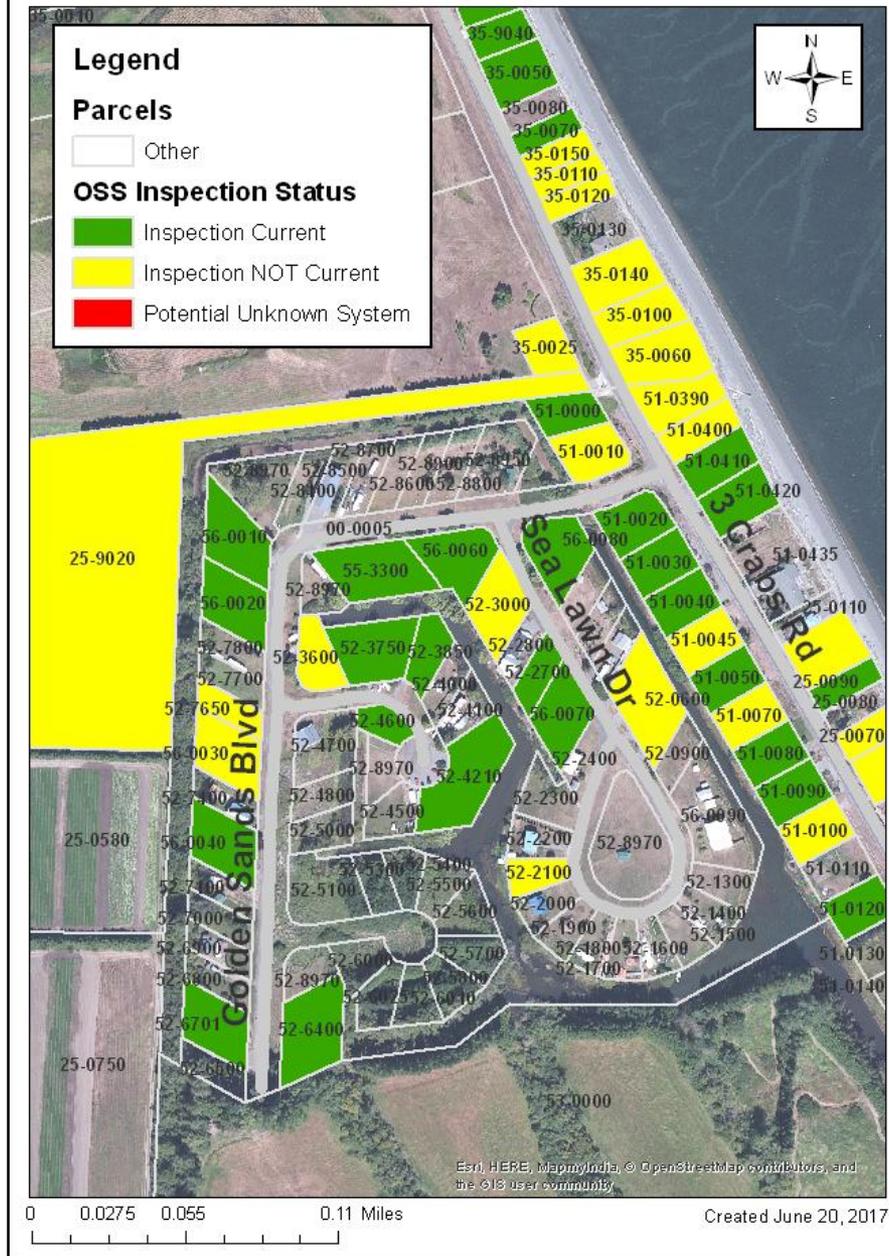
Colony forming units. Note log scale. X marks the geometric mean; bottom and top of the box represent the 10th and 90th percentiles; ends of the whiskers represent extremes. (From **DRAFT** report).

Trends Monitoring 2016-2017*



*Preliminary Data/Analysis

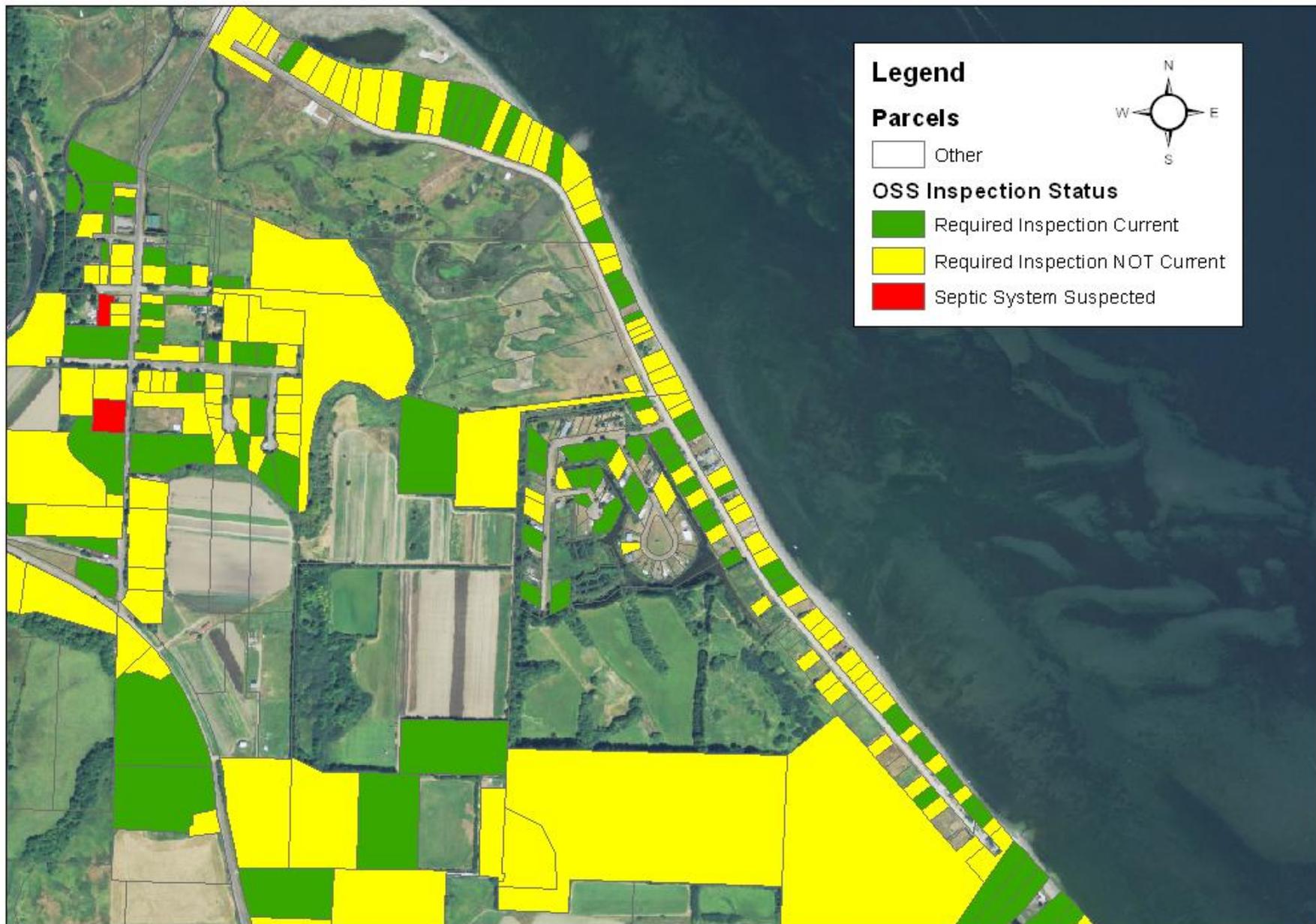
Golden Sands Septic Status



Golden Sands Progress

- Out of 11 non-conforming systems:
 - All in contact with Environmental Health
 - 1 system installed and finalized
 - 2 systems designed
 - 7 working with EH or designer
- Out of 10 total systems needing inspection
 - All in contact with EH
 - 6 inspections brought up-to-date

Three Crabs OSS Status



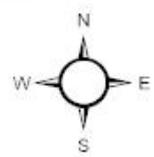
Legend

Parcels

□ Other

OSS Inspection Status

- Required Inspection Current
- Required Inspection NOT Current
- Septic System Suspected



0 0.1 0.2 0.4 Miles

Created June 20, 2017



Three Crabs Activity

- Reminder Letter 06/09/17
- Timeline TBD
- Shoreline Surveys

Dungeness Bay Shellfish Growing Area Classifications and Marine Water Stations

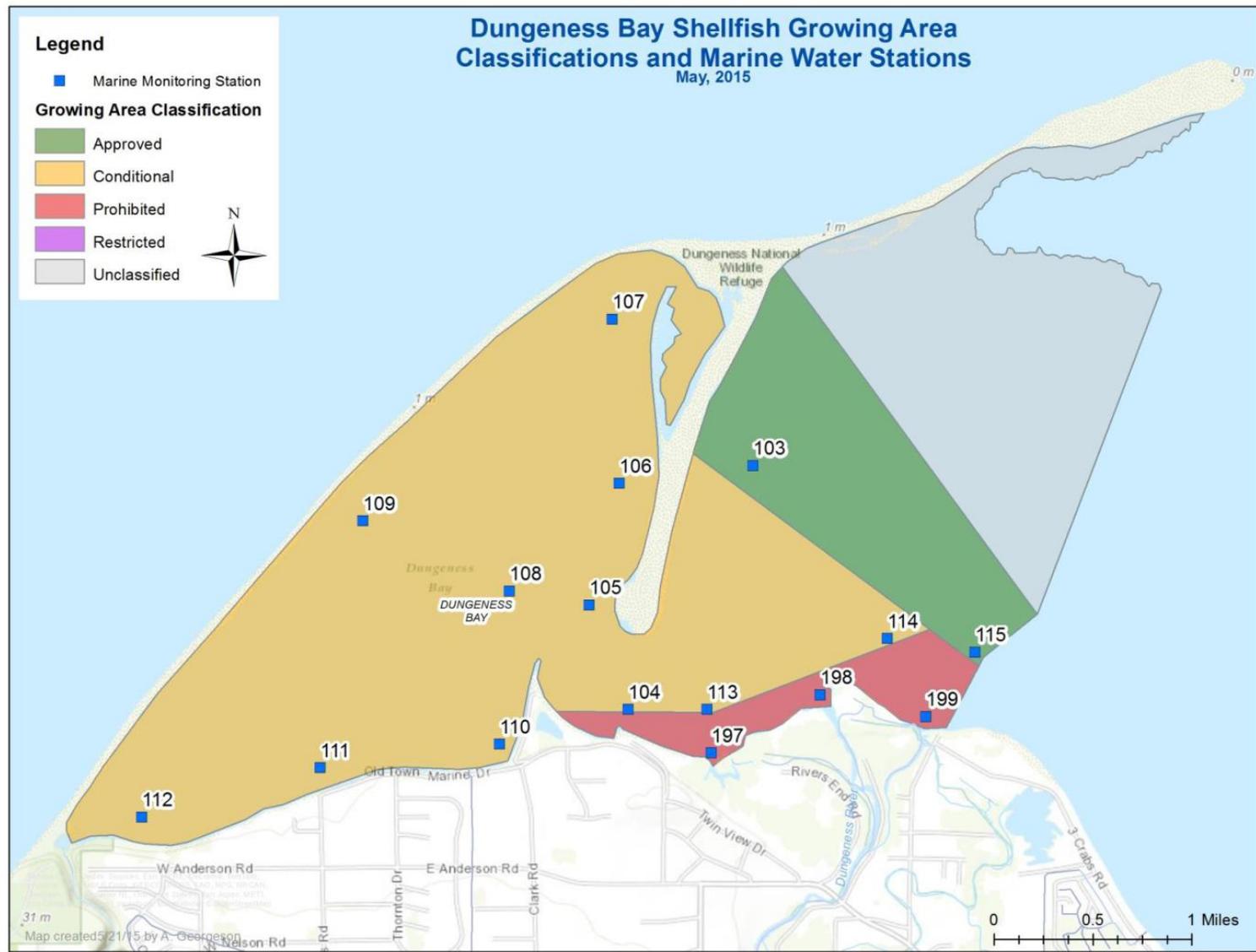
May, 2015

Legend

■ Marine Monitoring Station

Growing Area Classification

- Approved
- Conditional
- Prohibited
- Restricted
- Unclassified



Map created 5/21/15 by A. Georgeson

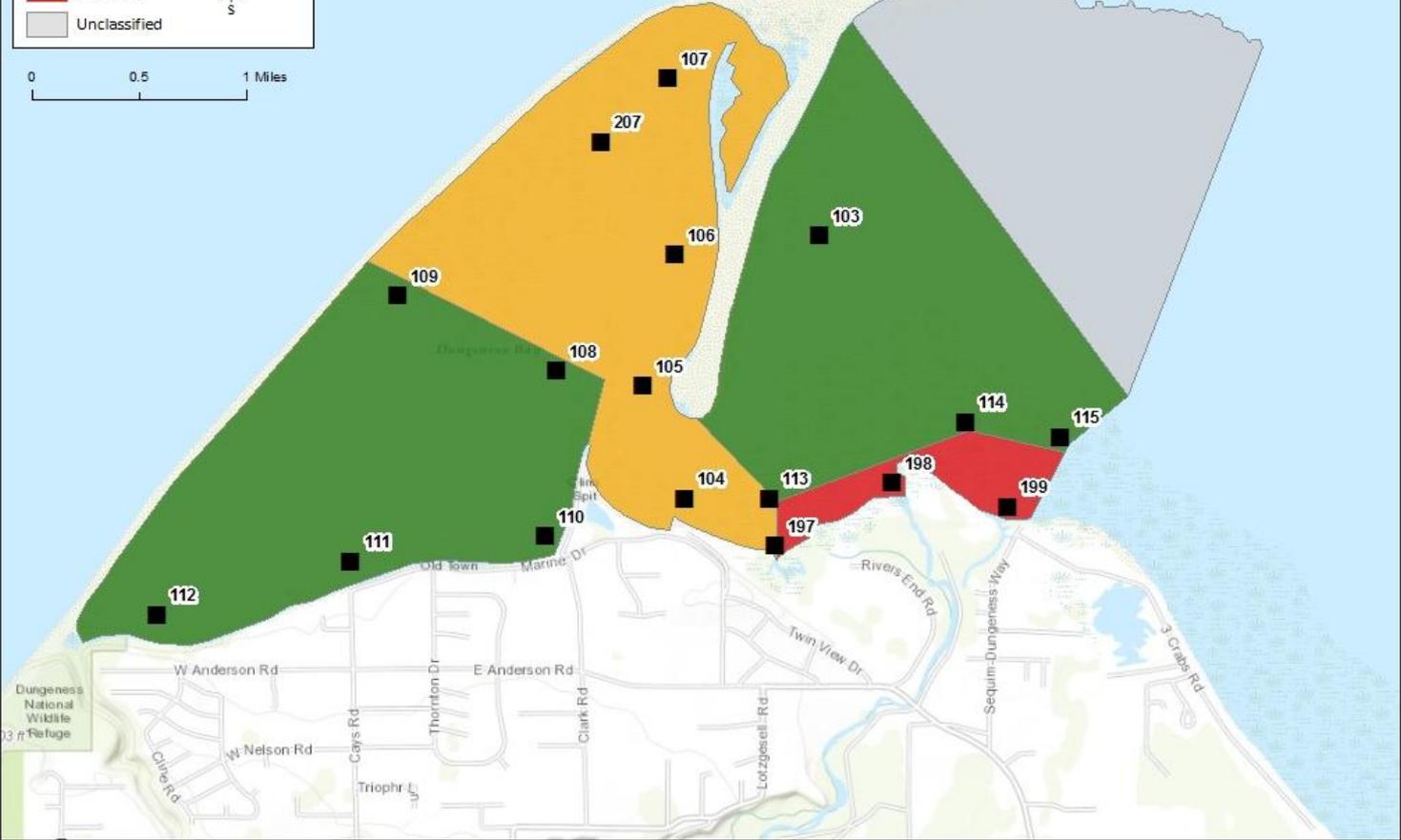
May 2017

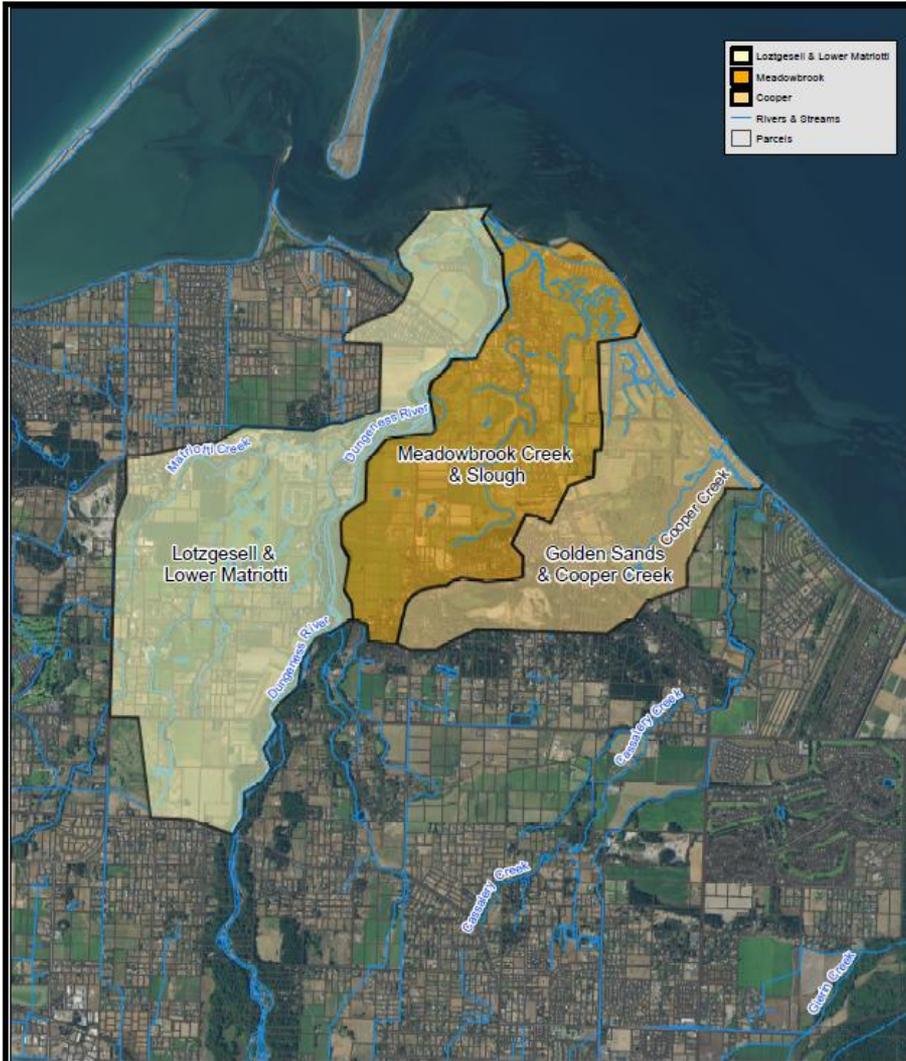
Legend

- Marine Monitoring Location
- Commercial Shellfish Classification**
- Approved
- Conditional
- Prohibited
- Unclassified

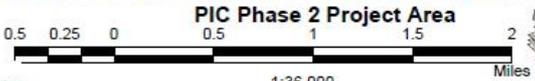


0 0.5 1 Miles





- Lotzgesell & Lower Matriotti
- Meadowbrook
- Cooper
- Rivers & Streams
- Parcels



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3/10/2017
Cartographer: Joe Holtrop



Next Steps...