

Health and Human Services Environmental Health October 5, 2016



Pollution Identification & Correction (Control) Plan “PIC” Implementation Pilot Project Update



Not enough was being done to protect shellfish beds

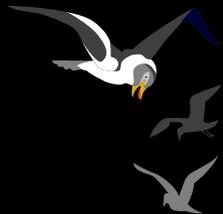
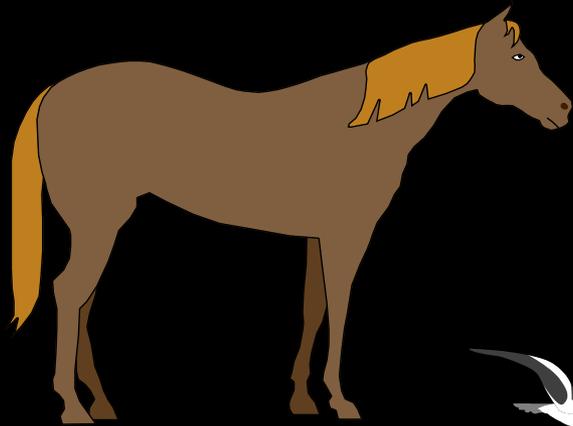
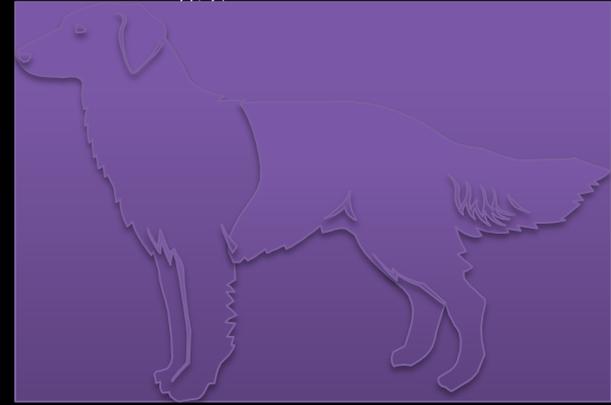
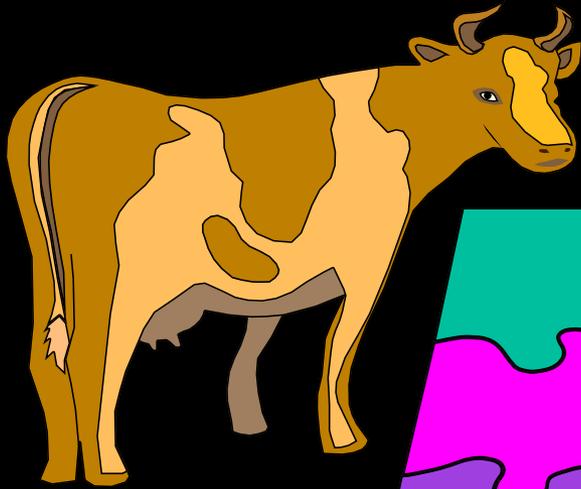


RCW 70.118A

- Create Marine Recovery Area (MRA) where OSS may contribute to certain environmental problems:



- Shellfish growing areas that are threatened or downgraded
- Areas where bacteria or nitrogen affect water quality



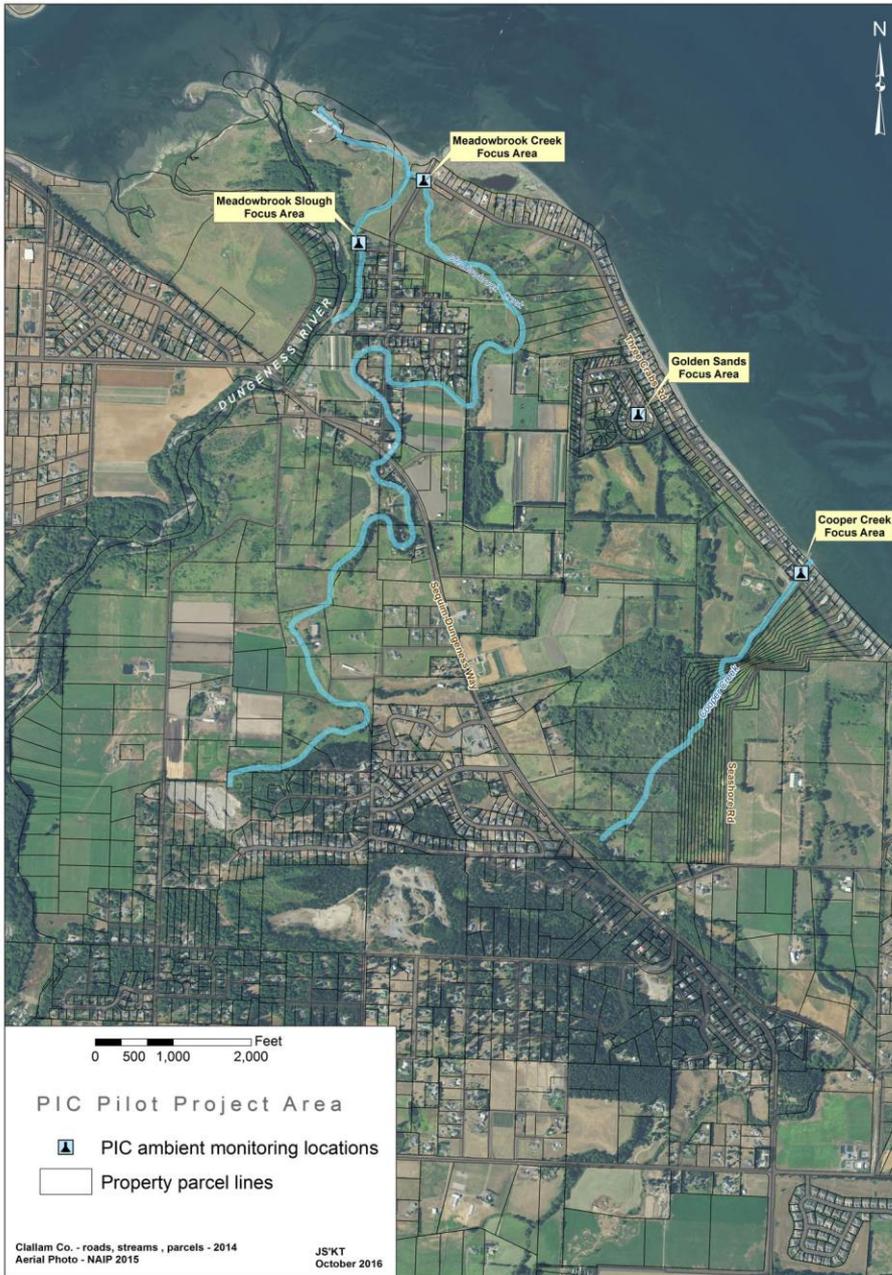
PIC Implementation Project

- **DOH awarded CCEH grant funding of \$279,444 for PIC project implementation**
- **Grant Period is January 2015 to June 2017**
- **Partners – Streamkeepers, Clallam Conservation District, Jamestown S’Klallam Tribe**

PIC Pilot Project Area

On October 23, 2014 the Clean Water Work Group reviewed existing water quality data and selected the:

- Meadowbrook Creek Drainage & Slough (western project boundary)**
- Golden Sands Slough**
- Cooper Creek Drainage (eastern project boundary)**



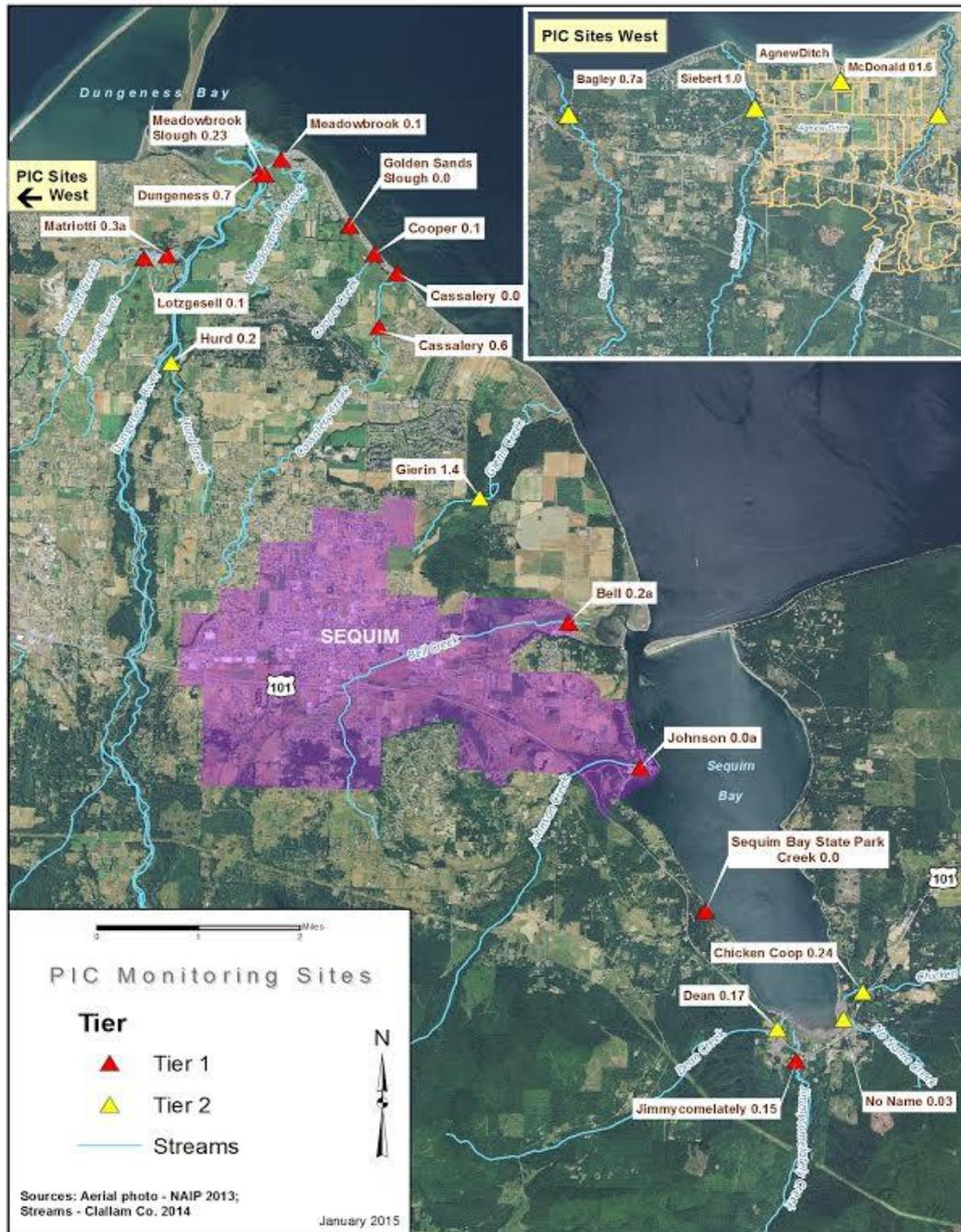
PROPOSED PIC PILOT PROJECT AREA:

- Meadowbrook Creek Drainage, including slough (approx. 800 acres)
- Golden Sands Slough (main focus)
- Cooper Creek Drainage (approx. 340 acres)

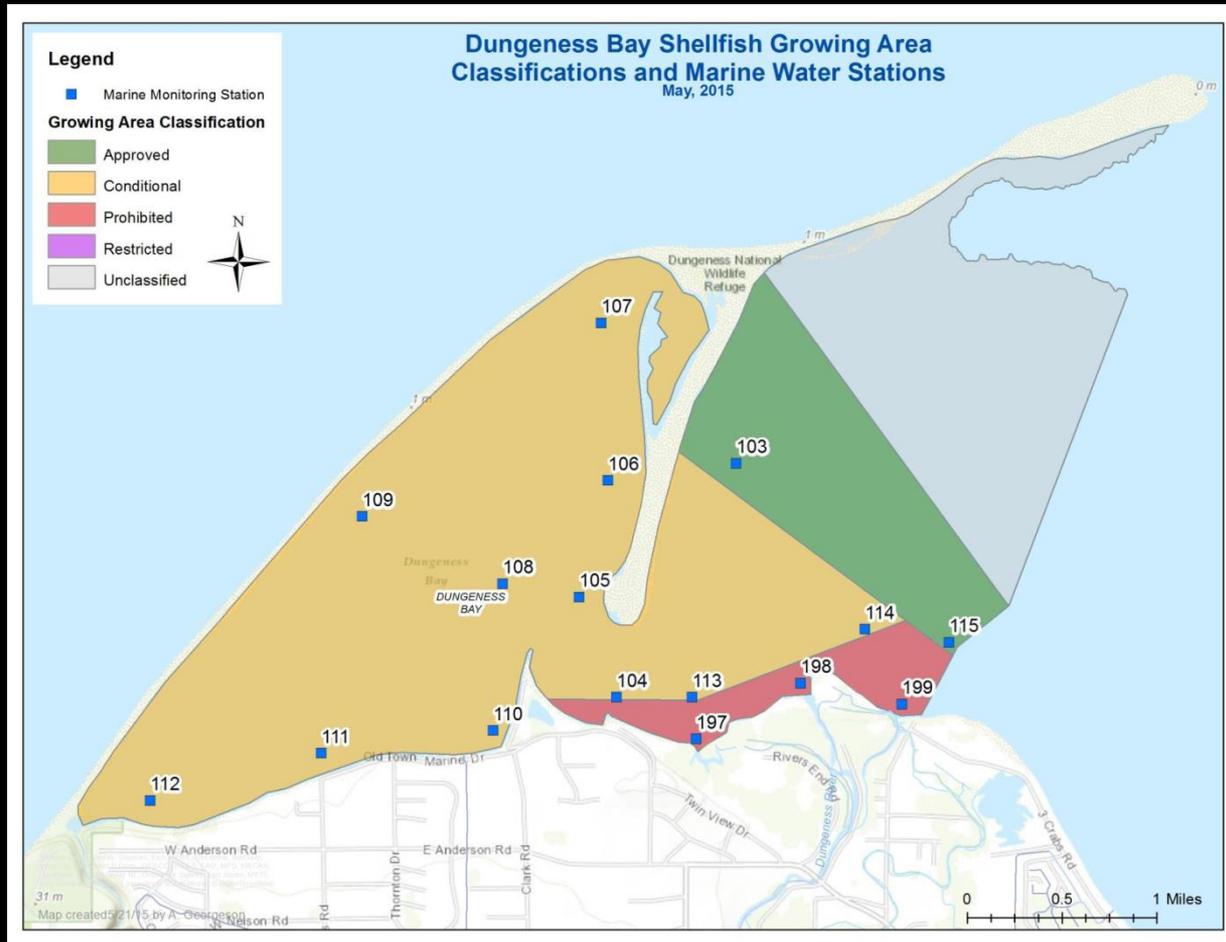
Golden Sands



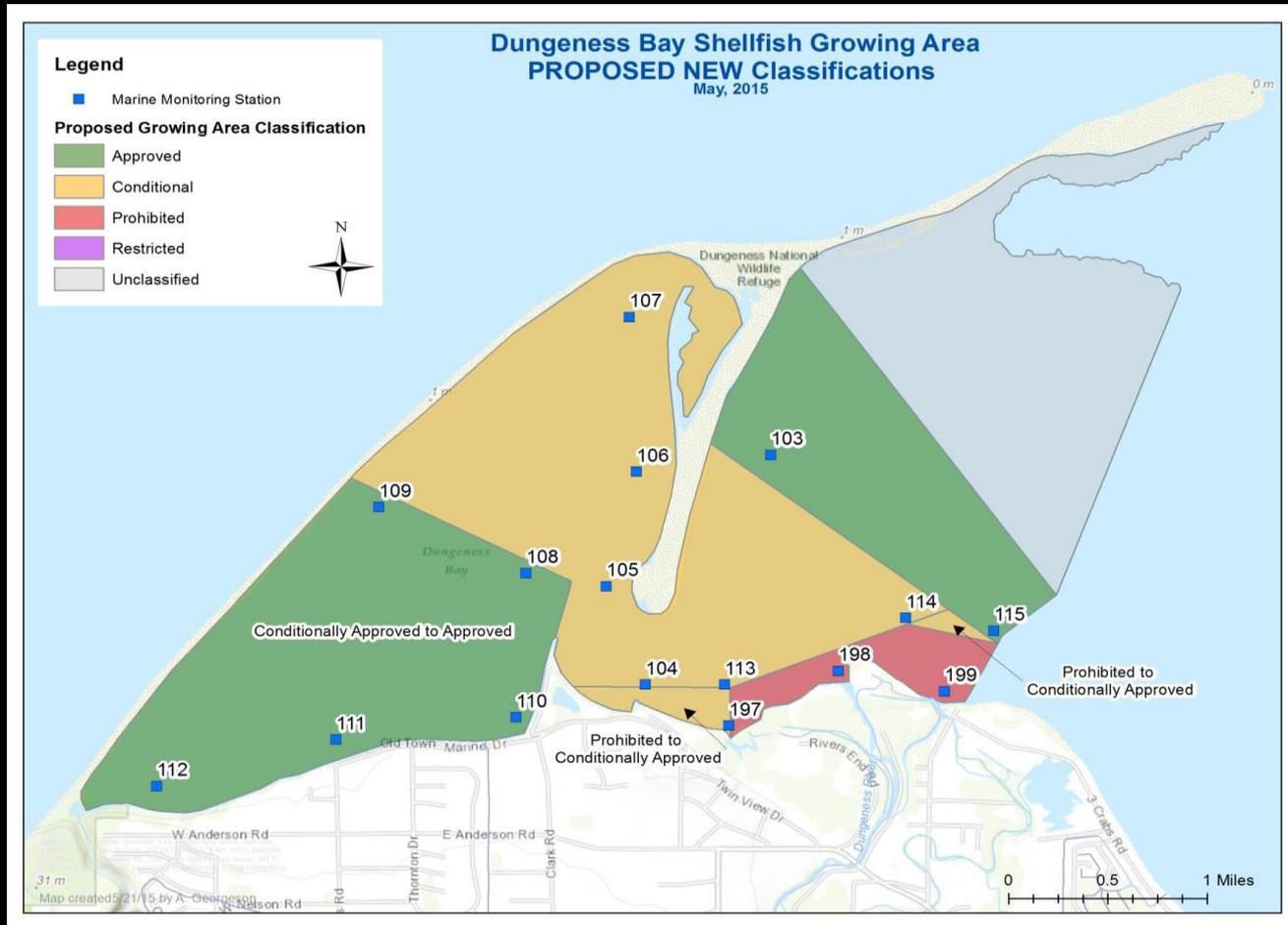




Prior to Upgrade



Shellfish Area Upgrade 728 Acres



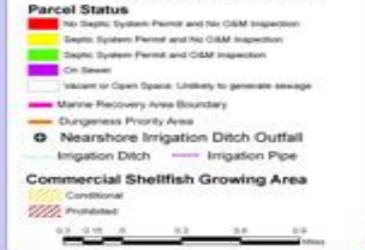
2005 OSS State Code

WAC 246-272A-0270

- Requires that homeowners properly maintain and inspect their OSS.
 - Gravity OSS must be inspected at least once every 3 years.
 - Alternative systems (i.e., those with pumps) must be inspected every year.

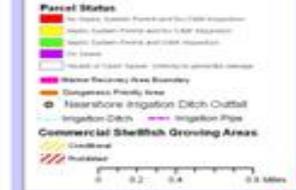
Inspection requirements take effect July 1, 2007.

Lower Dungeness Watershed Sewage Disposal Status



Known to Unknown
OSS
2009-2013

Lower Dungeness Watershed Sewage Disposal Status



Dungeness Bay

Do-It-Yourself Septic System Inspection Program

Developed by Clallam County Environmental Health Division



HOME

VIDEO

WHY INSPECT
MY SEPTIC SYSTEM?



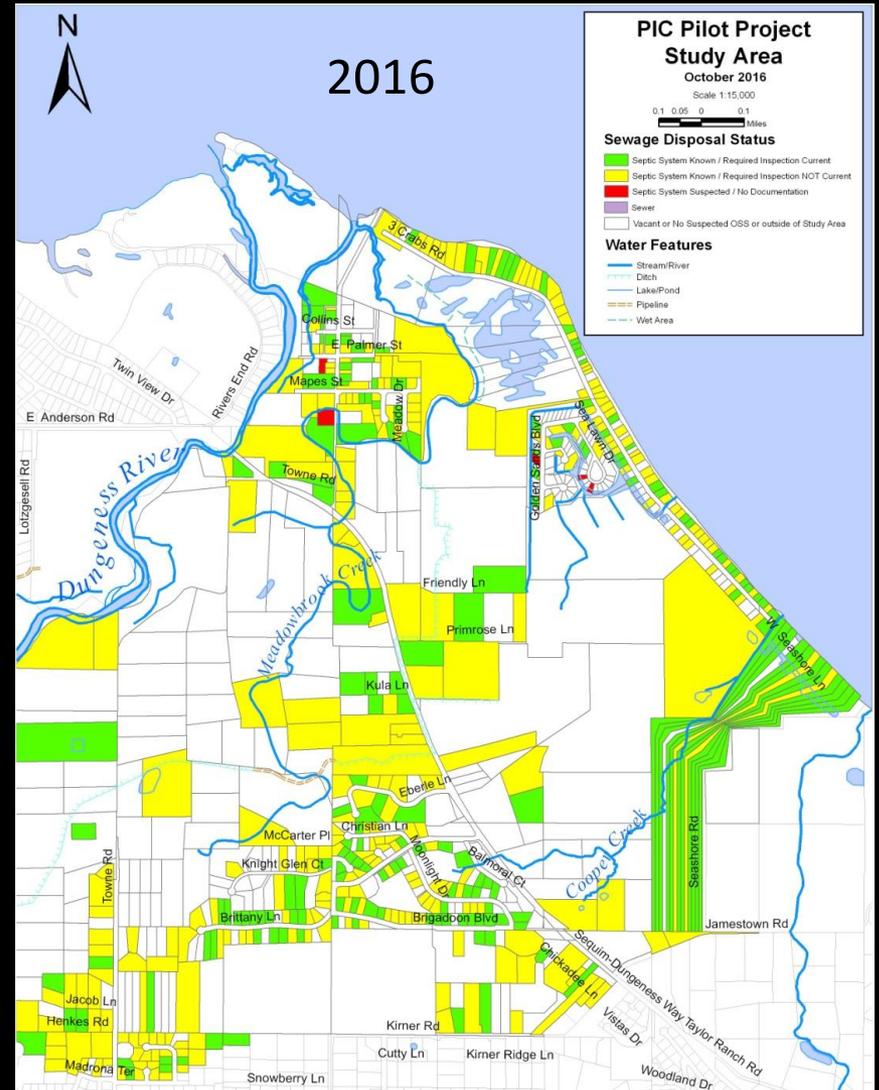
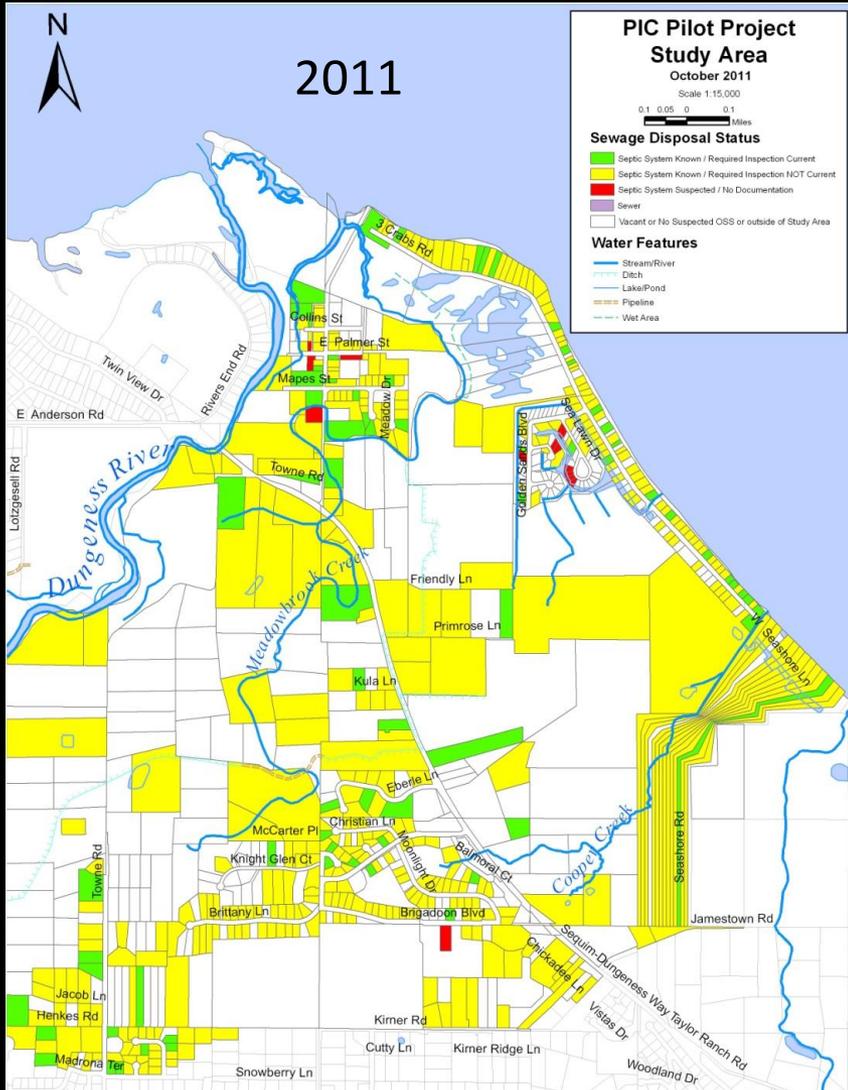
LINKS



SELECT A CHAPTER

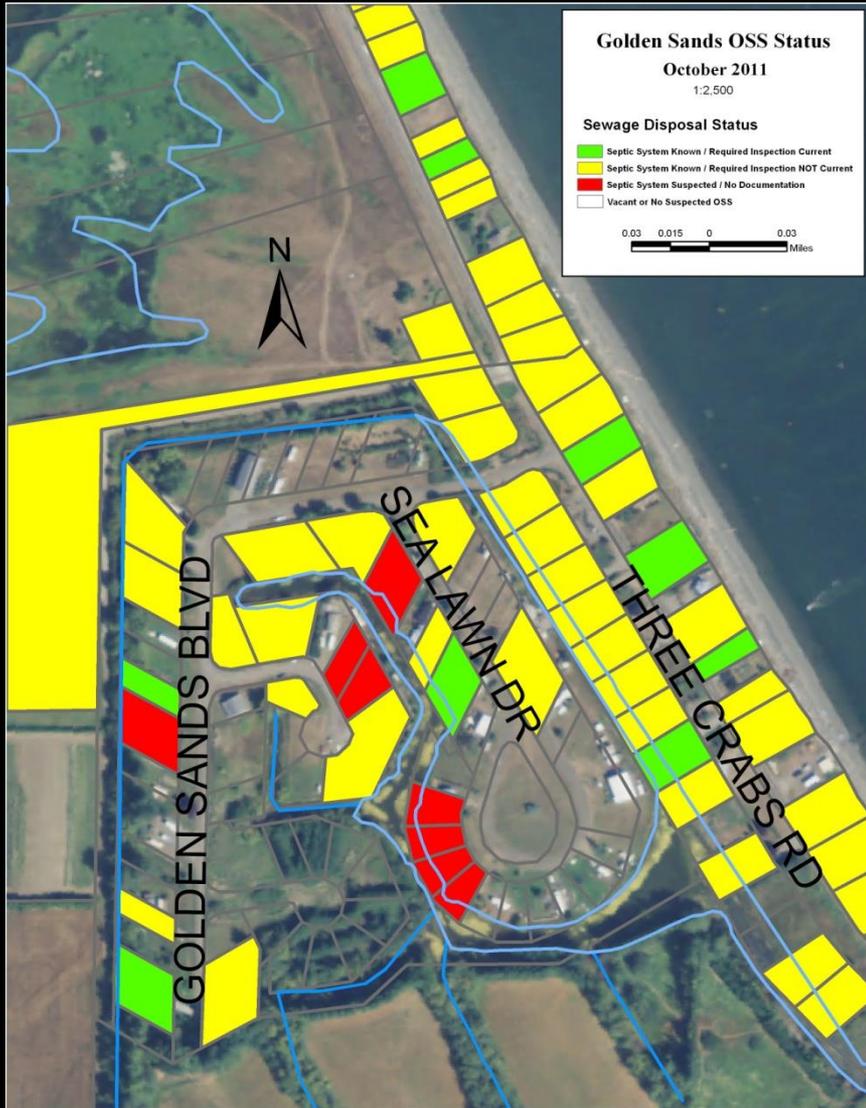
1. Introduction
2. Septic Systems Overview
3. System Types
4. System Location
5. Preparation
6. Safety
7. Inspection Part 1
8. Inspection Part 2
9. Cleanup, Filing & Septic Care
10. Septic Care Tips

Septic Inspections for PIC Pilot Area

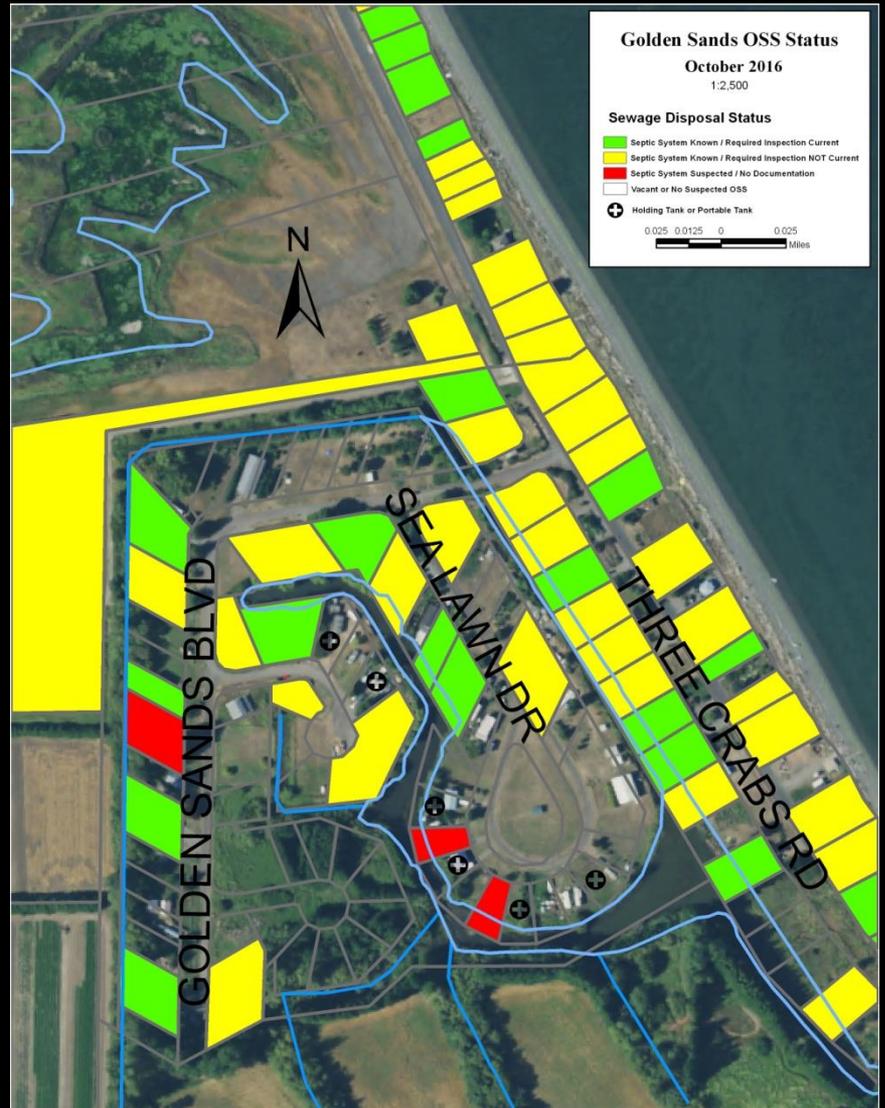


Septic Inspection Status

Golden Sands 2011



Golden Sands 2016



“Hot spot” Criteria

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

Reference: **POLLUTION IDENTIFICATION & CORRECTION PLAN for the
SEQUIM BAY-DUNGENESS WATERSHED CLEAN WATER DISTRICT
(12/2014)**

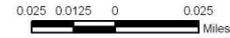
Golden Sands PIC Sampling Results

Range of Fecal Coliform Units/100ml

2015 through 2016

1:2,500

▲ Sampling Site



GS11 (53 - 1592)

GS10 (115 - 634)

GS14 (26 - 1328)

GS5 (16 - 1936)

GS6 (2000)

GS4 (38 - 3388)

GOLDEN SANDS BLVD

SEA LAWN DR

THREE CRABS RD

GS15 (778 - 1936)

GS12 (63 - 1868)

GS9 (268 - 1972)

GS13 (172 - 1996)

GS7 (64 - 1768)

GS3 (72 - 1768)

GS2 (72 - 2542)

GS8 (132 - >4080)

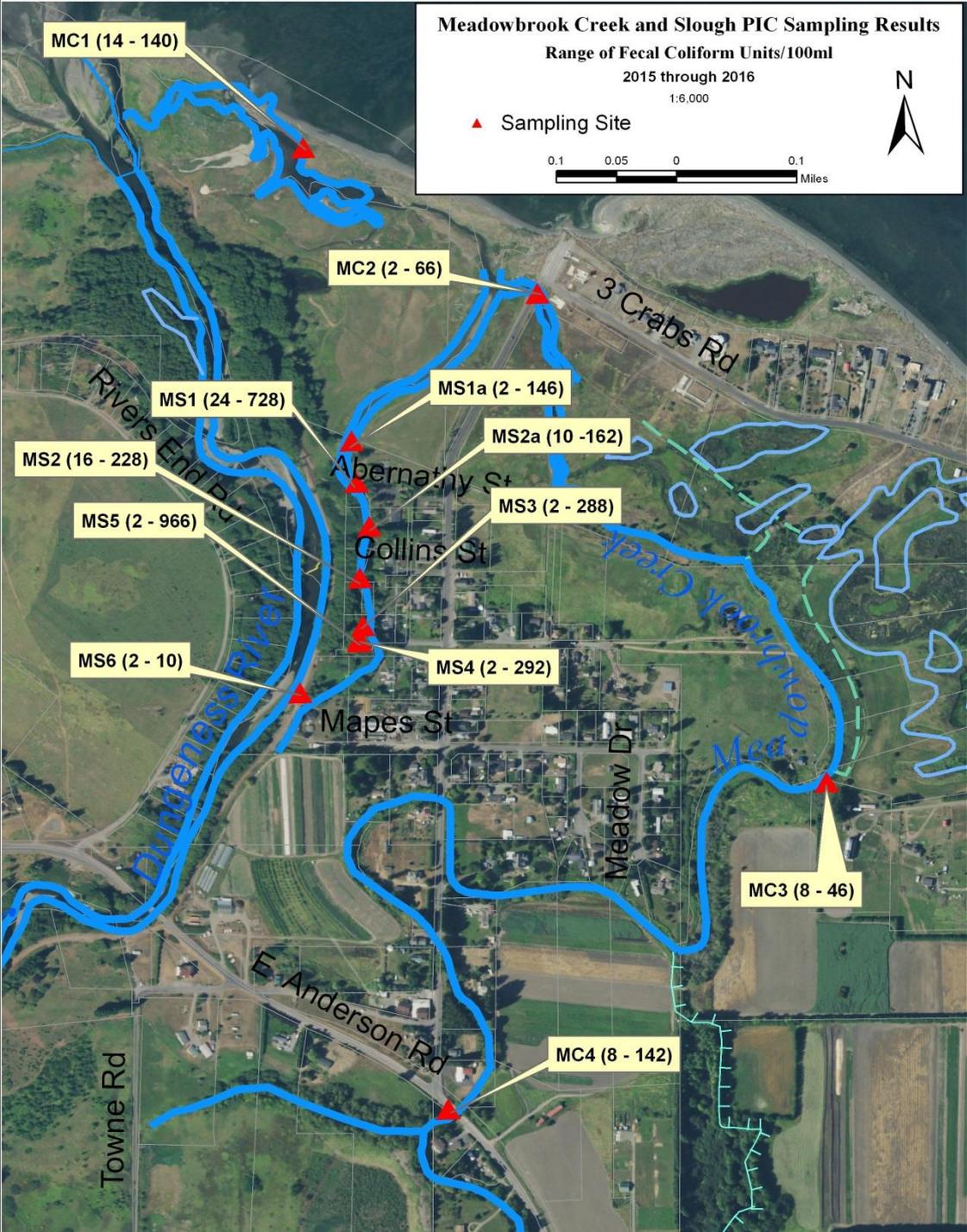
GS1 (<3 - 356)

Meadowbrook Creek and Slough PIC Sampling Results
 Range of Fecal Coliform Units/100ml
 2015 through 2016
 1:6,000

▲ Sampling Site

0.1 0.05 0 0.1 Miles

N



Other Activities

- Dye testing
- Circulation study
- Door to door visits
- Site evaluations
- Feasibility of a group system

Financial Resources

- Cost share-- Clallam Conservation District
- Loans
 - Craft3 loans
 - USDA loans
- Possibility of more incentives

Get Involved!

We welcome your
feedback &
participation.

Arrange for a site evaluation

Register for a septic class

Be current with septic
inspections



Contact us at (360) 417-2506 or e-mail us through
the PIC website (www.clallam.net/PIC).

Questions?

