

PIC Program Update!

(Pollution, Identification, and Correction)

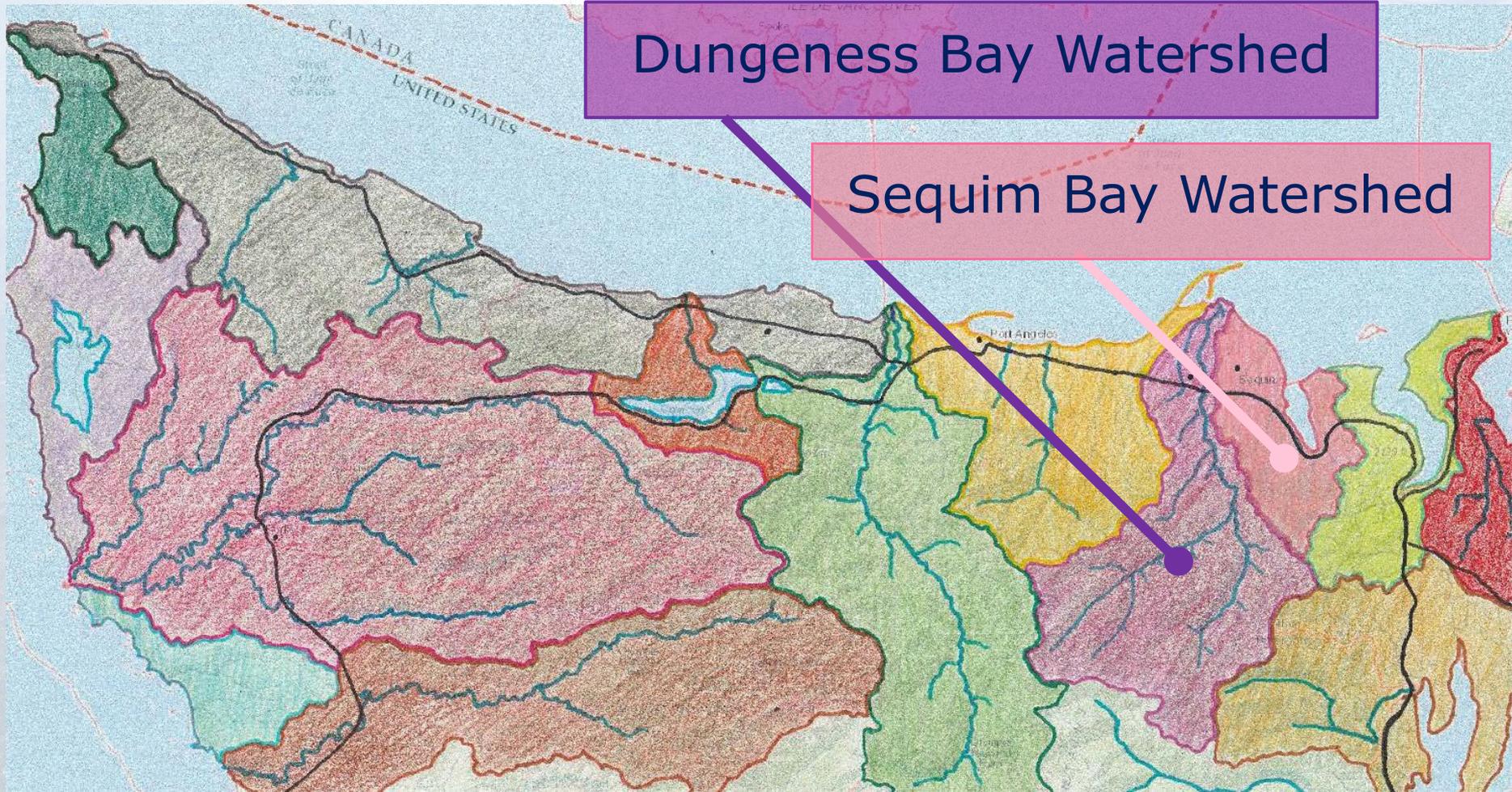


DEPARTMENT OF
ECOLOGY
State of Washington



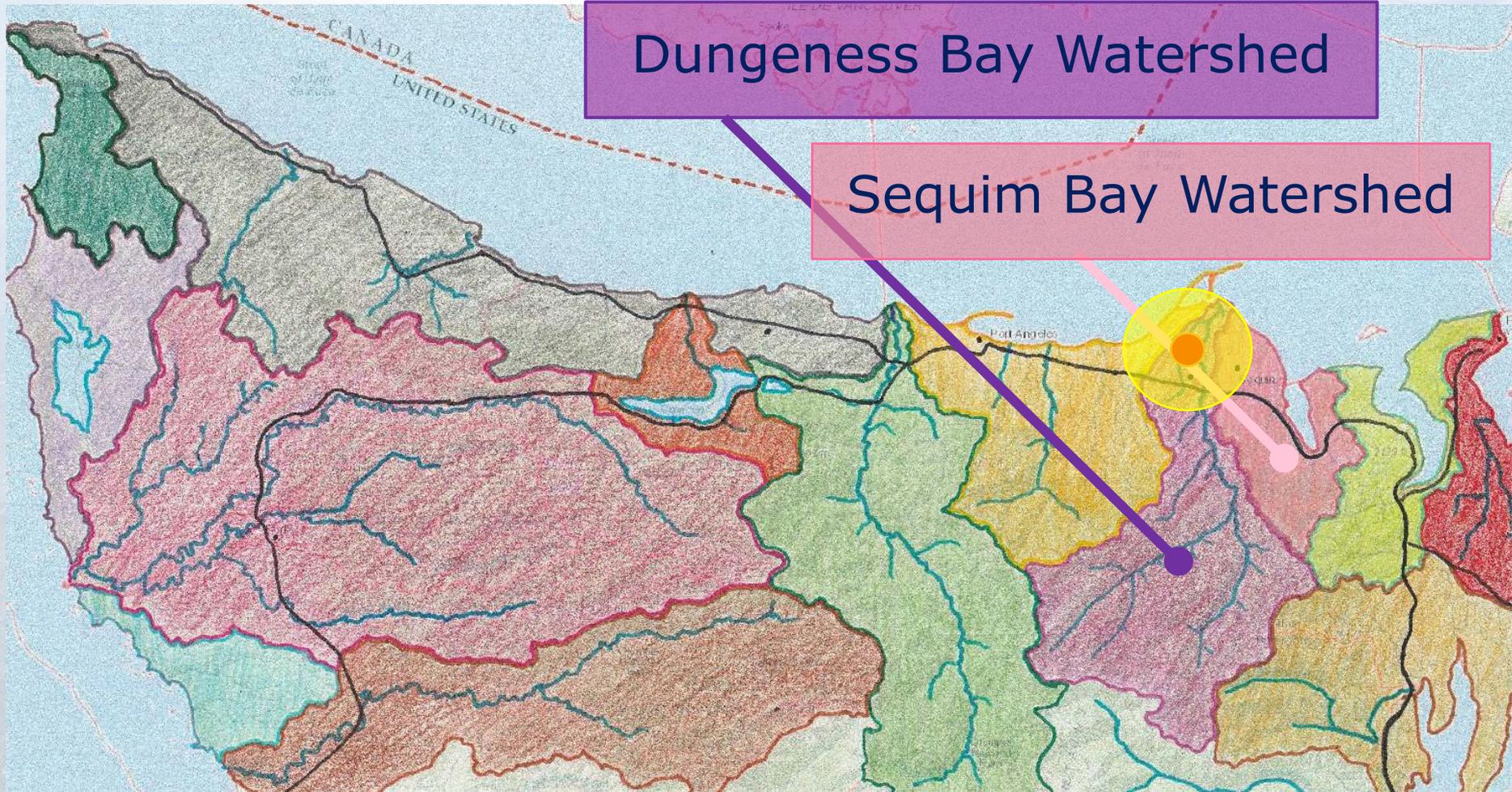
Neighborhood Meeting • June 2023

Clallam County Watersheds • PIC Program

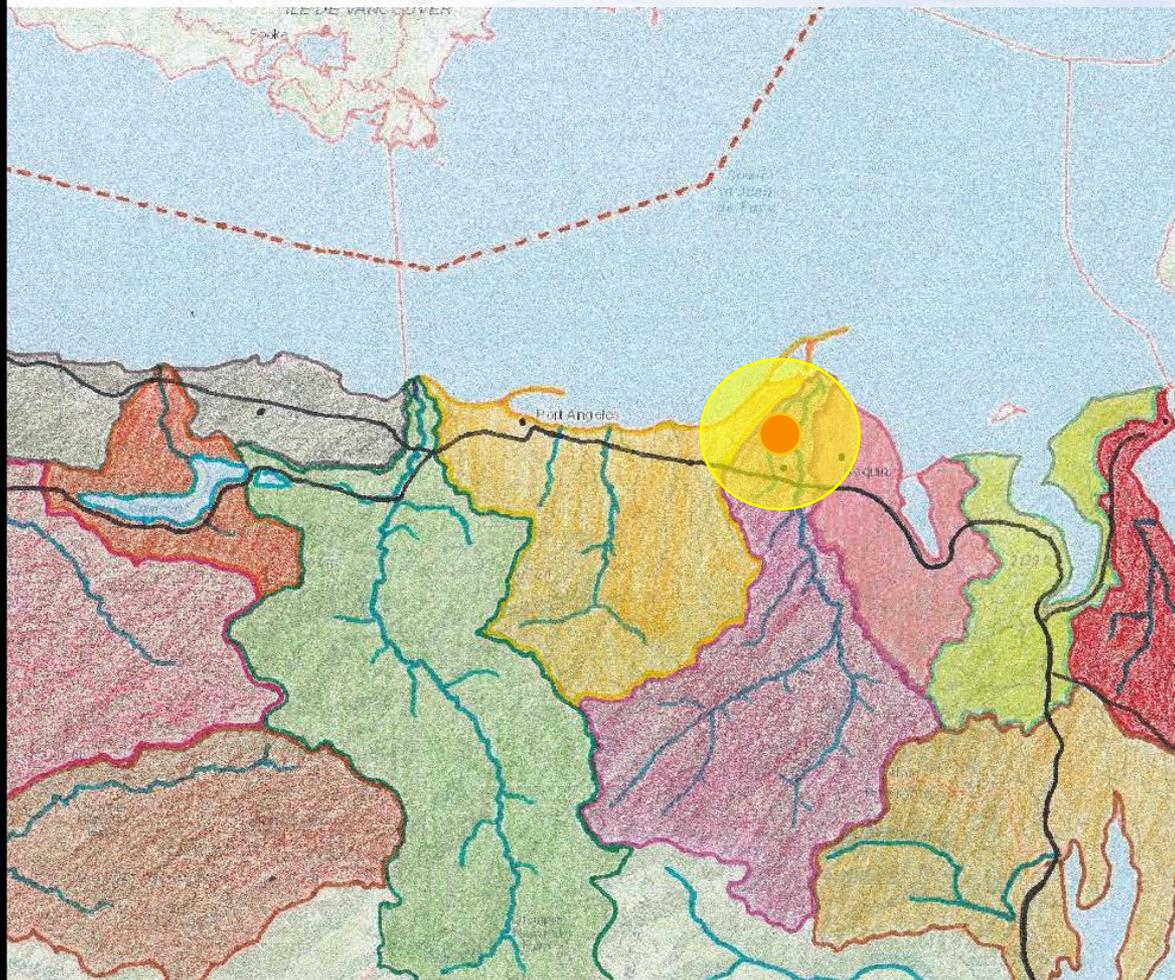


Neighborhood Meeting • June 2023

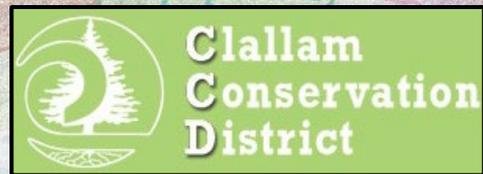
Clallam County Watersheds • PIC Program



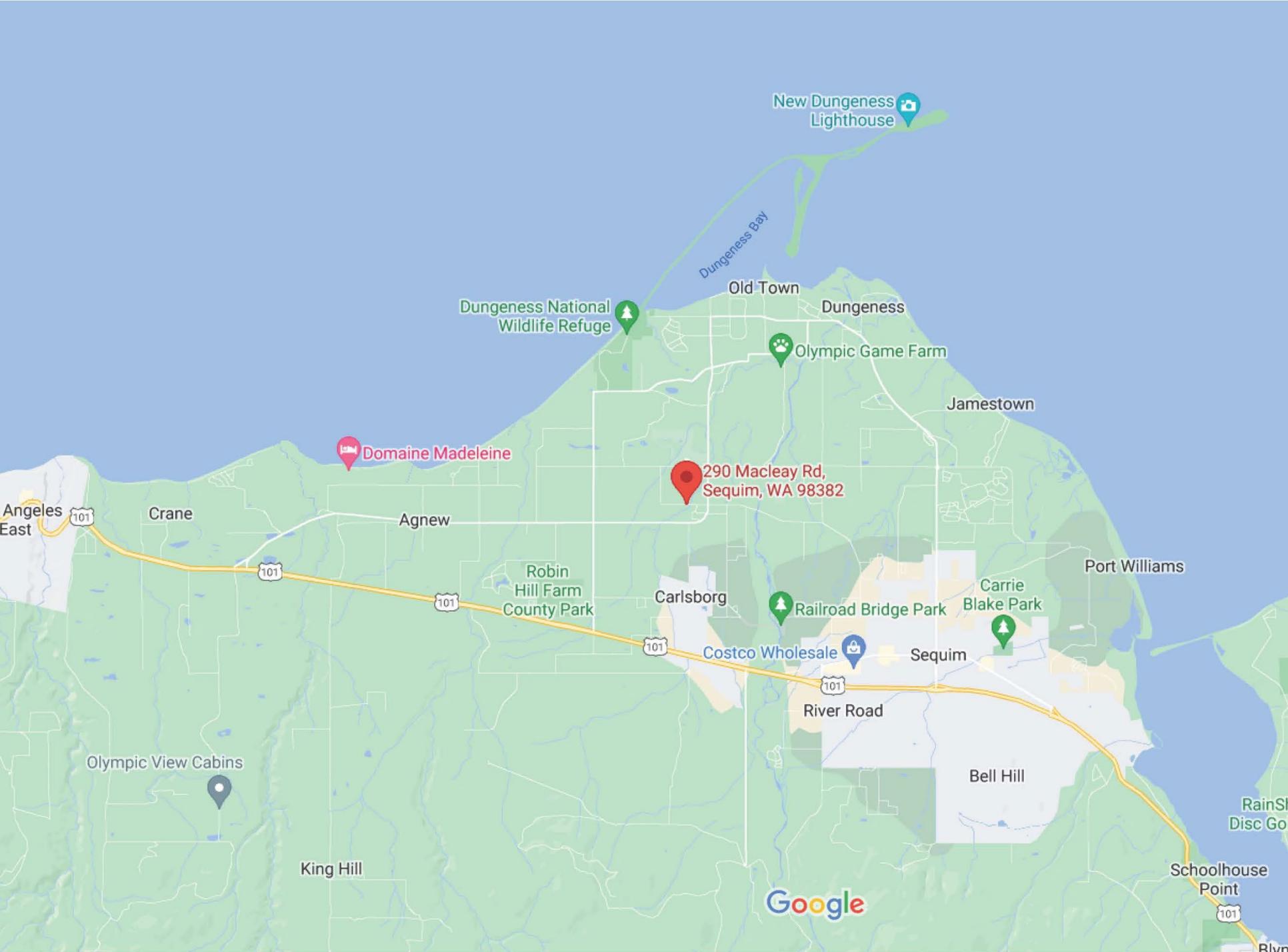
Neighborhood Meeting • June 2023



Katie Kowal • Clallam Co. Environmental Health • Water Quality Specialist



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New Dungeness Lighthouse

Dungeness Bay

Dungeness National Wildlife Refuge

Old Town

Dungeness

Olympic Game Farm

Jamestown

Domaine Madeleine

290 Macleay Rd, Sequim, WA 98382

Angeles East

Crane

Agnew

Robin Hill Farm County Park

Carlsborg

Railroad Bridge Park

Carrie Blake Park

Port Williams

Costco Wholesale

Sequim

Olympic View Cabins

River Road

Bell Hill

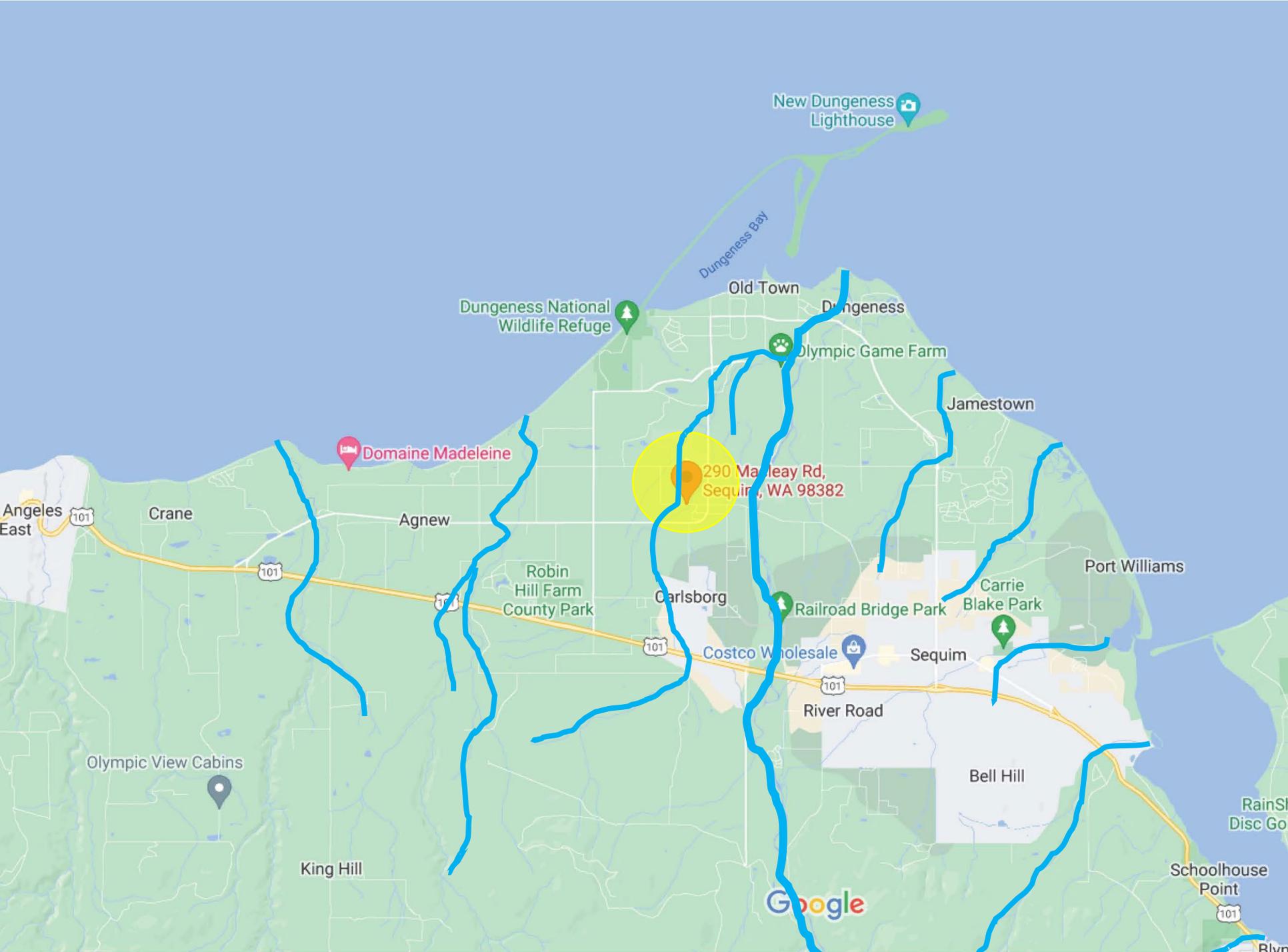
King Hill

RainSt Disc Go

Schoolhouse Point

Google

101



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Dungeness Bay

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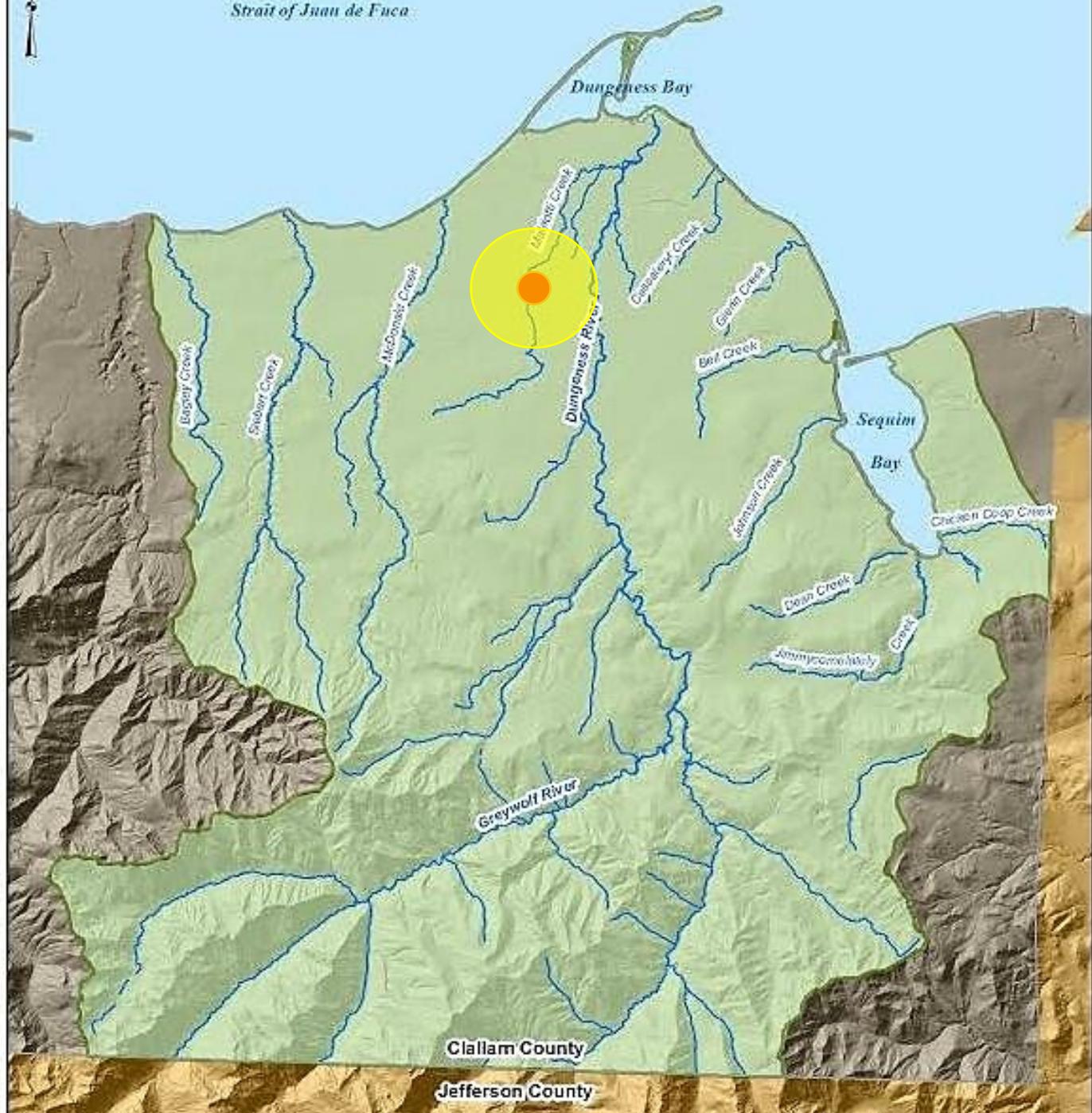
Schoolhouse Point

Google

101

Strait of Juan de Fuca

Dungeness Bay



Clallam County Clean Water District

— Main Streams Clallam County Clean Water District

Sources: Clallam County - streams, Clean Water District, boundaries - 2014

JS/KT November 2014

1997 Measurements in Dungeness Bay showed unsafe bacteria levels

2001 Dungeness Clean Water District was formed

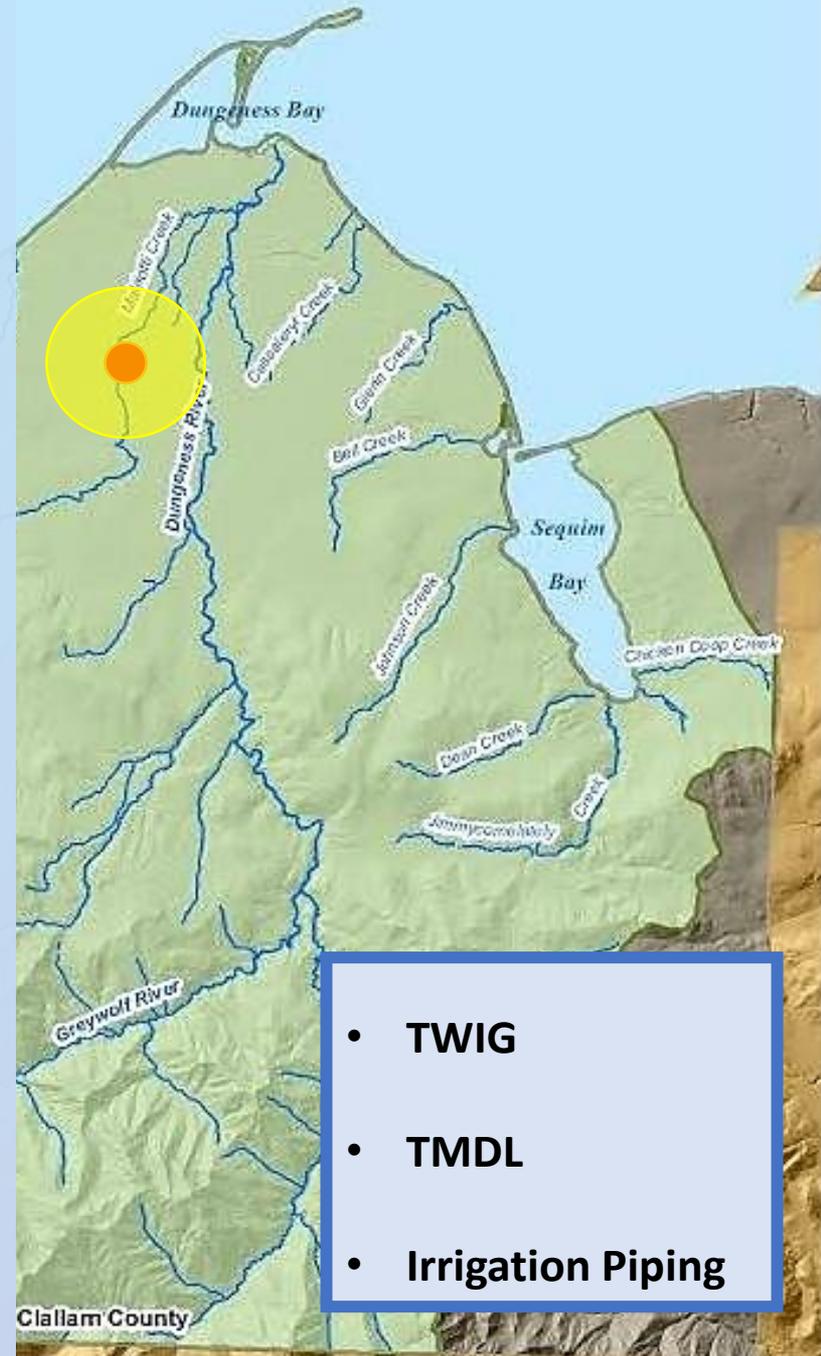
2006 Marine Recovery Area (MRA) was formed

2014 PIC plan written

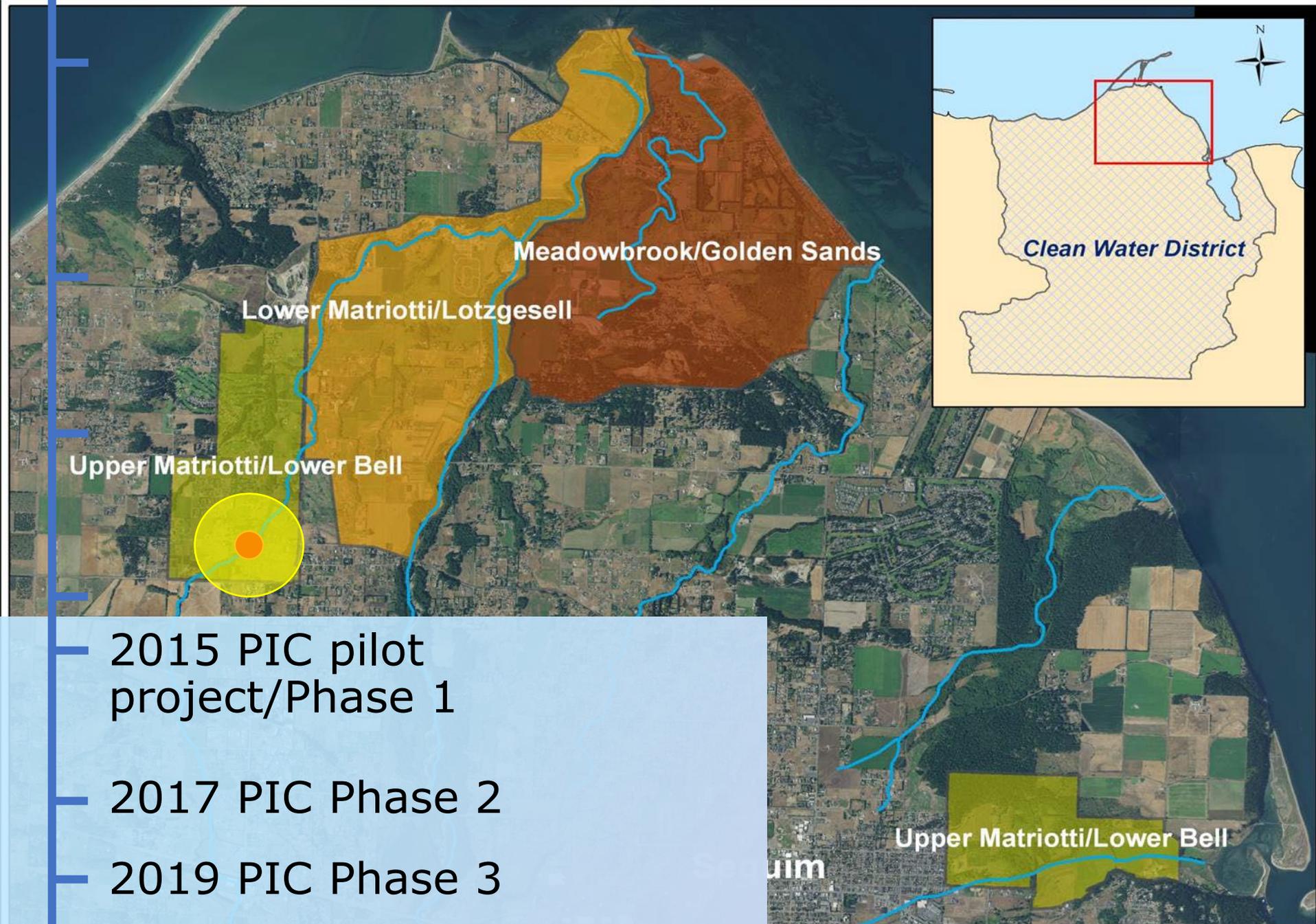
2015 PIC pilot project/Phase 1

2017 PIC Phase 2

2019 PIC Phase 3



- TWIG
- TMDL
- Irrigation Piping



— 2015 PIC pilot project/Phase 1

— 2017 PIC Phase 2

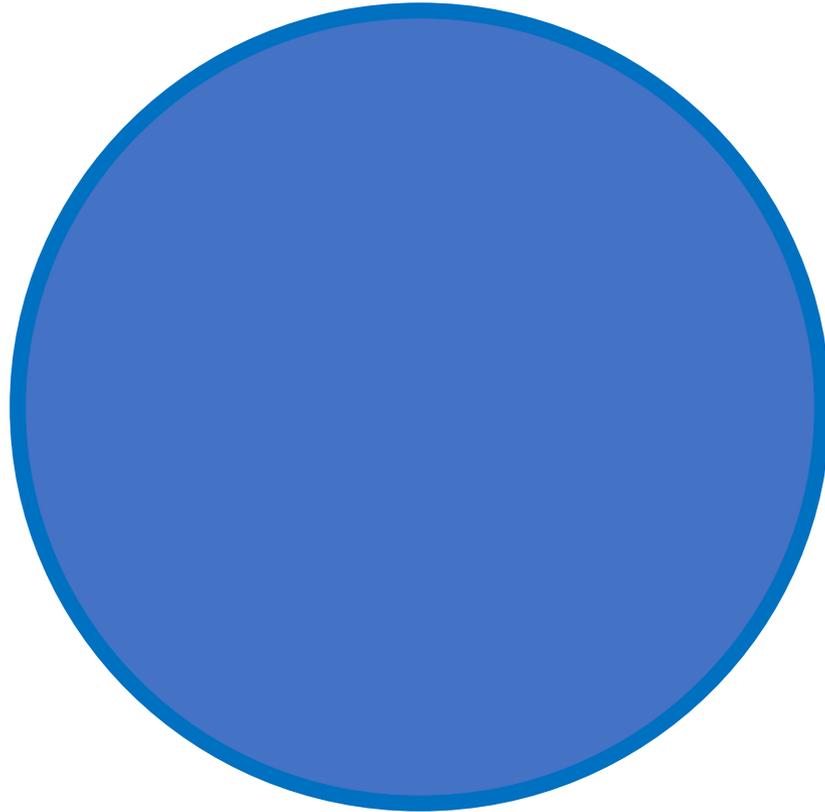
— 2019 PIC Phase 3

0 0.25 0.5 1 Miles

Map Data Courtesy of: Clallam Conservation District, Town of S'Klallam Tribe, Clallam County

Created 10/23/2019

How does **PIC** work
to **keep bacteria out of our waterways?**



How does PIC work?

Monitoring

Marine Sampling

DOH

Trends Sampling

SK

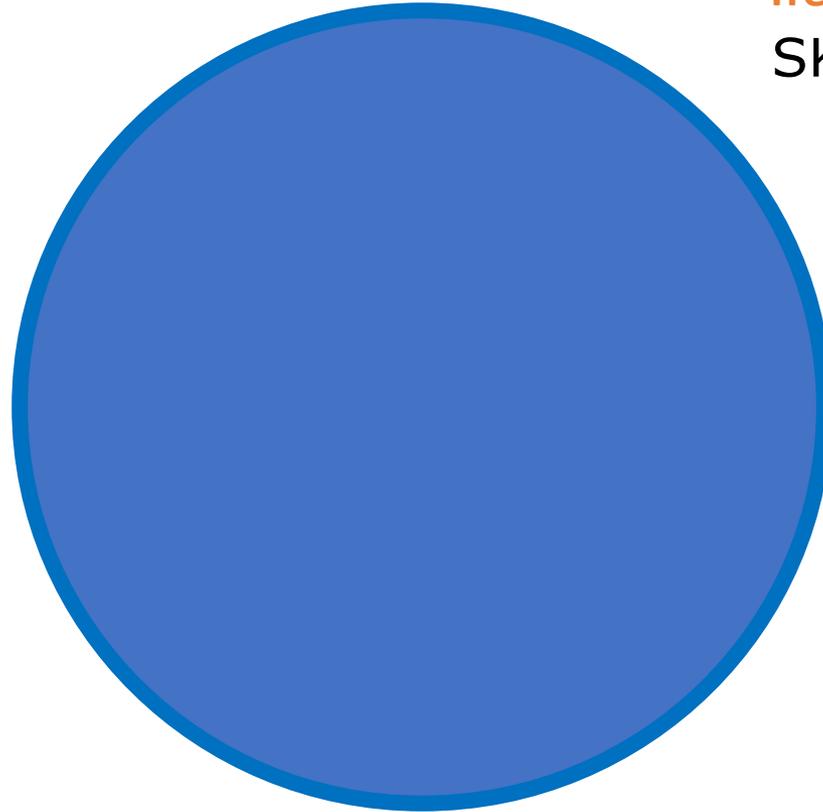
Segmented Sampling

CCEH WQ

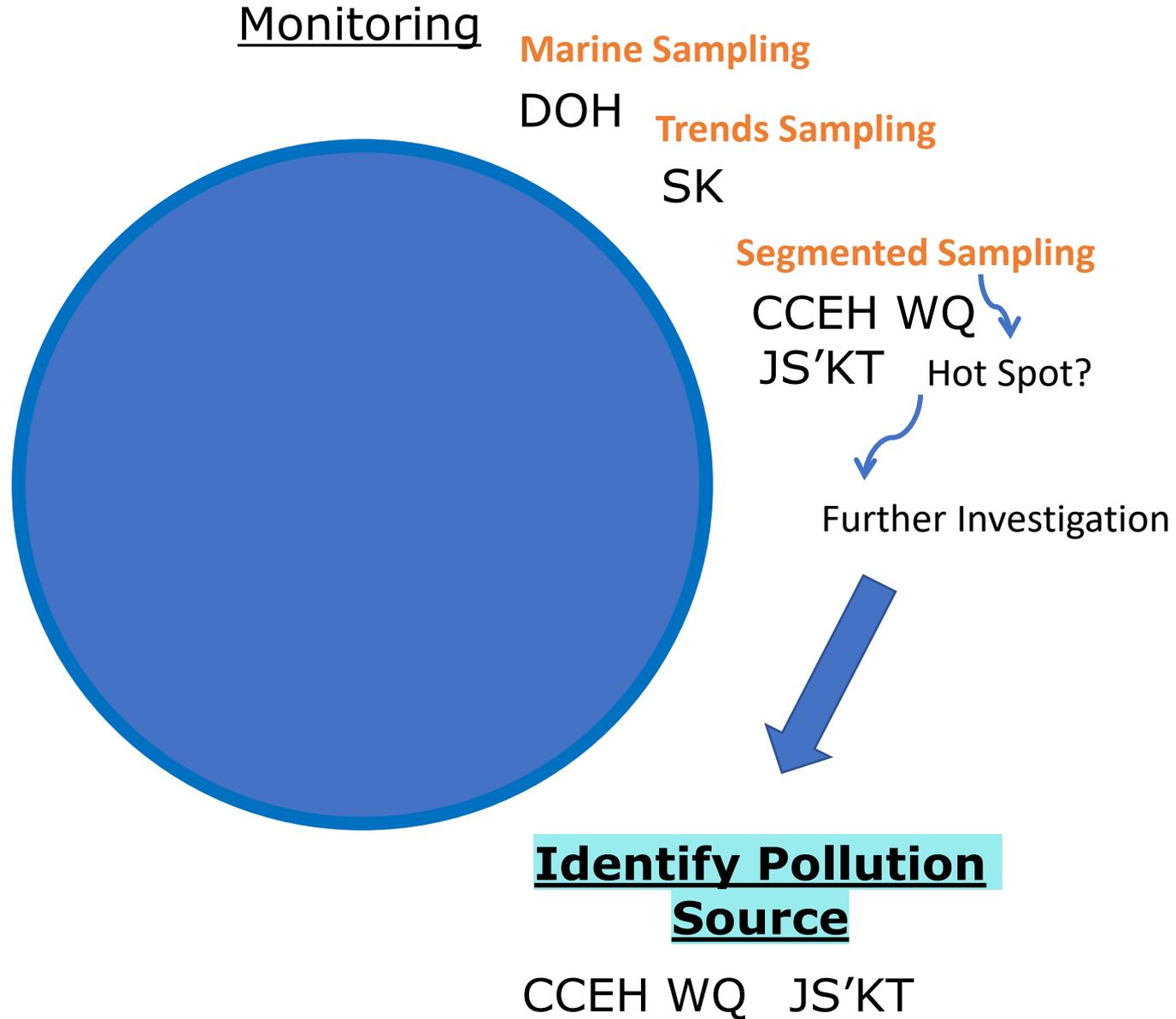
JS'KT

Hot Spot?

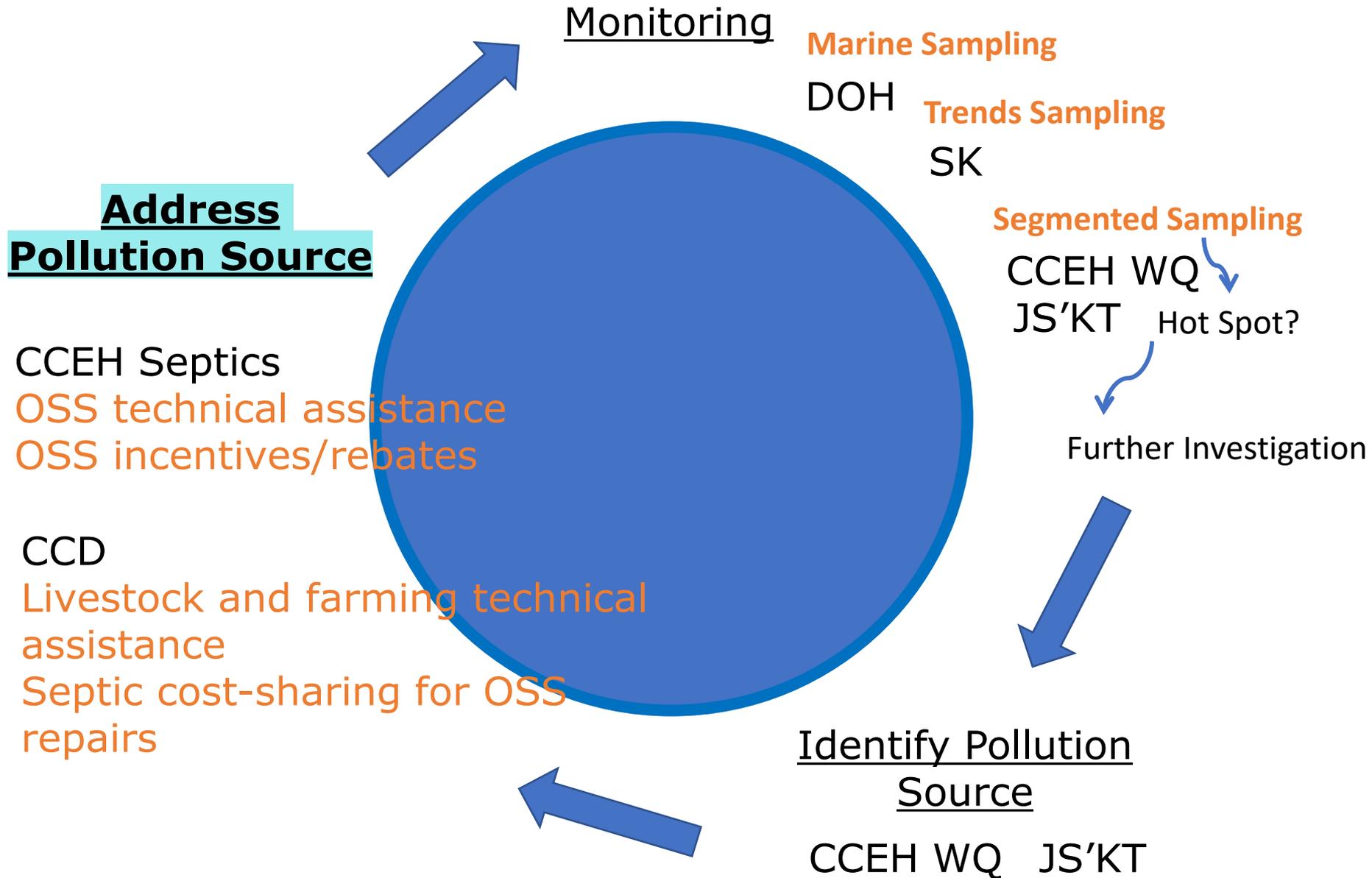
Further Investigation



How does PIC work?



How does PIC work?

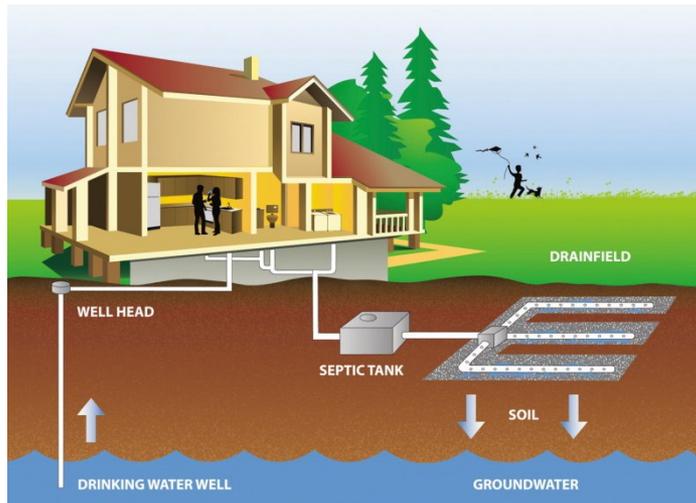




Pet Waste



Livestock



Failing Septic systems



Wildlife – Ducks, Elk, etc.



Pet Waste

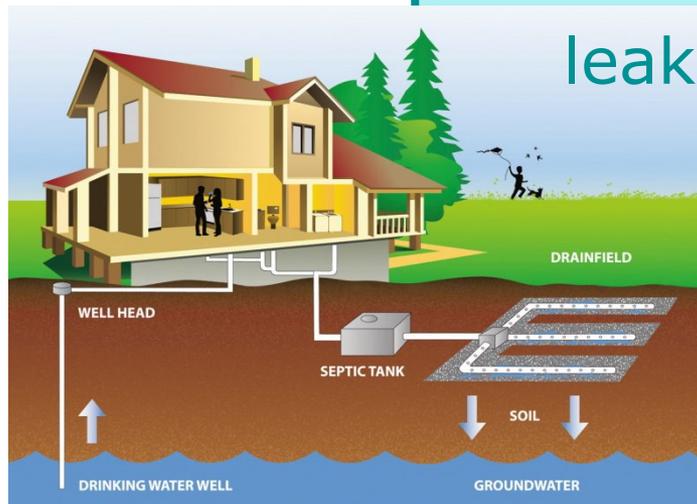
- Pick up our dog poop
- Make sure the dog poop makes it into the trash



Livestock

- Fence off yards to keep sheep, goats, cows, chickens from pooping in the creek

- Keep an eye out for above ground septic problems
- Get regular septic inspections to catch problems while they're small, and minimize septic waste leaking into the environment



Failing Septic systems

- Don't feed wildlife, like ducks or deer, so we don't encourage animals to congregate in high numbers near water



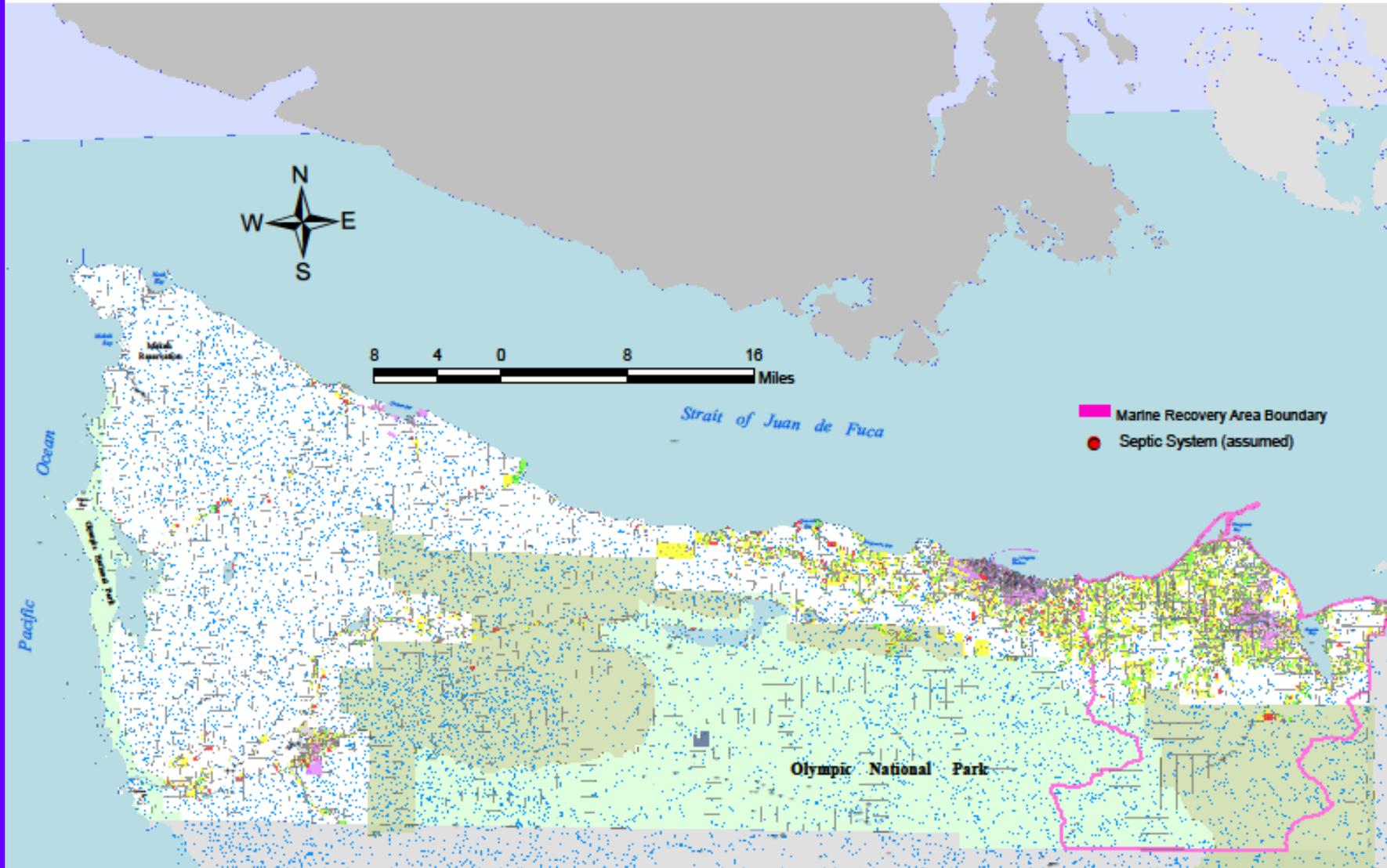
Wildlife – Ducks, Elk, etc.

PIC Partners:

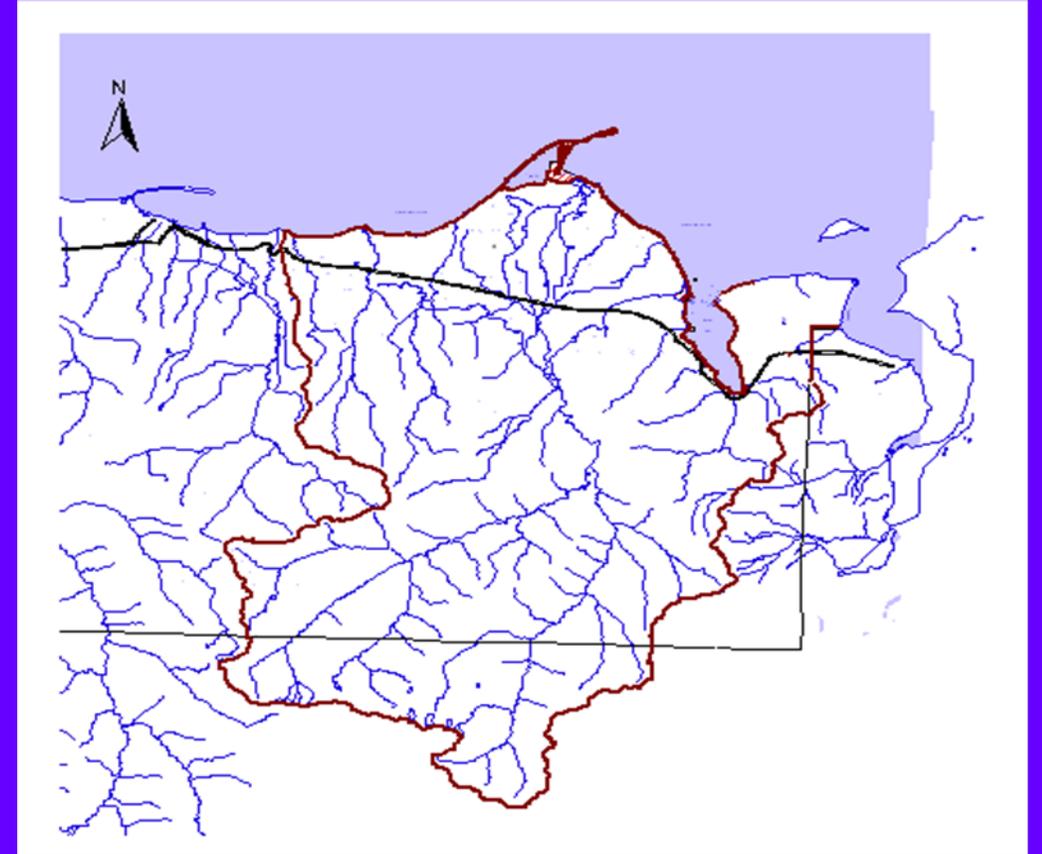
- Clallam County Environmental Health, On-Site Septics
- Streamkeepers
- Jamestown S'Klallam Tribe
- Clallam Conservation District



County wide Septic System Inspection status

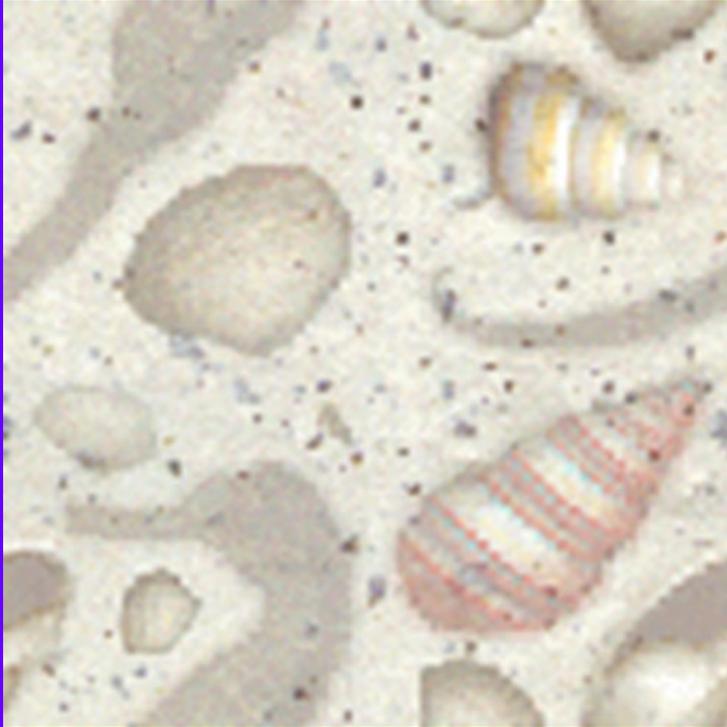


There are over 20,000 Septic Systems in the Clallam County



There are over 12K Onsite Septic Systems (OSS) in the Marine Recovery Area (MRA)

Update on Inspection Status for PIC Neighborhoods



There are 918 properties with OSS (not the total number of OSS) in all the PIC project areas combined

Red to Green Maps

Red = No septic permit/no inspection

Yellow = Septic system exists/no current inspection

Green = septic permit/ current inspection

PIC Project Areas 2017-2021

Sewage Disposal Status

January 2023



Phase 1 and 2 PIC Project Areas



Phase 3 PIC Project Area

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



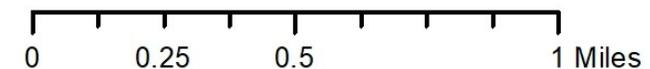
Approved (open year round)



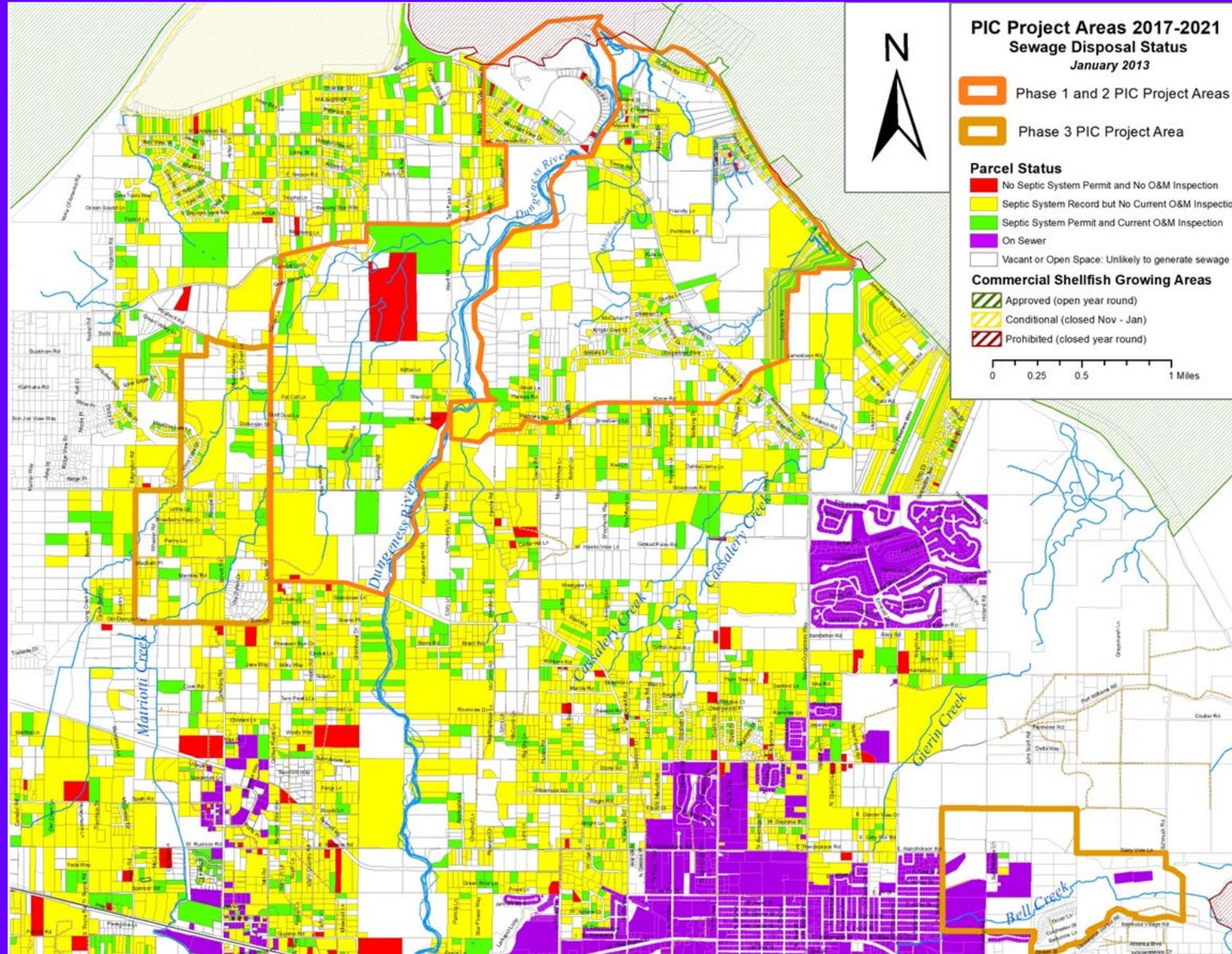
Conditional (closed Nov - Jan)



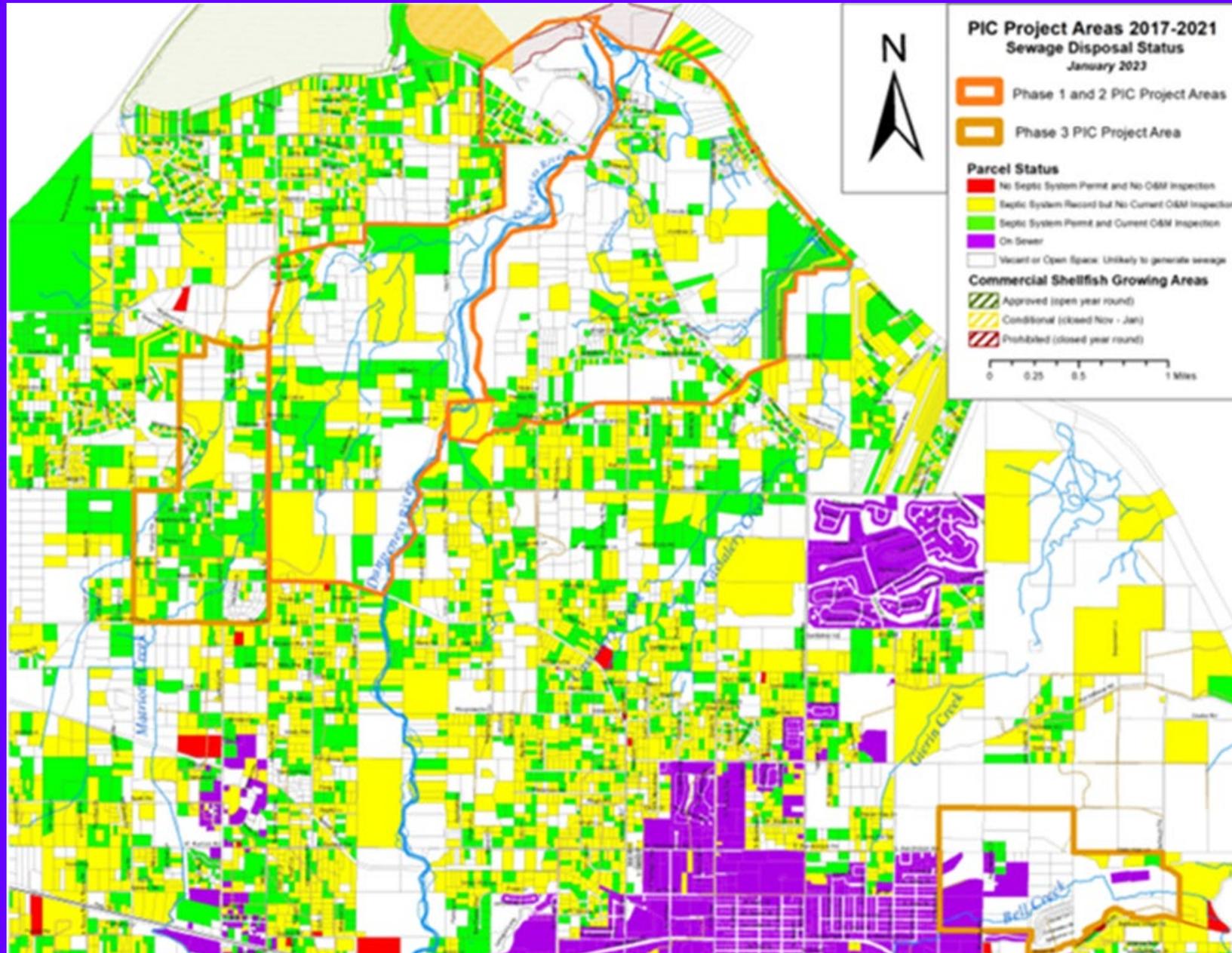
Prohibited (closed year round)



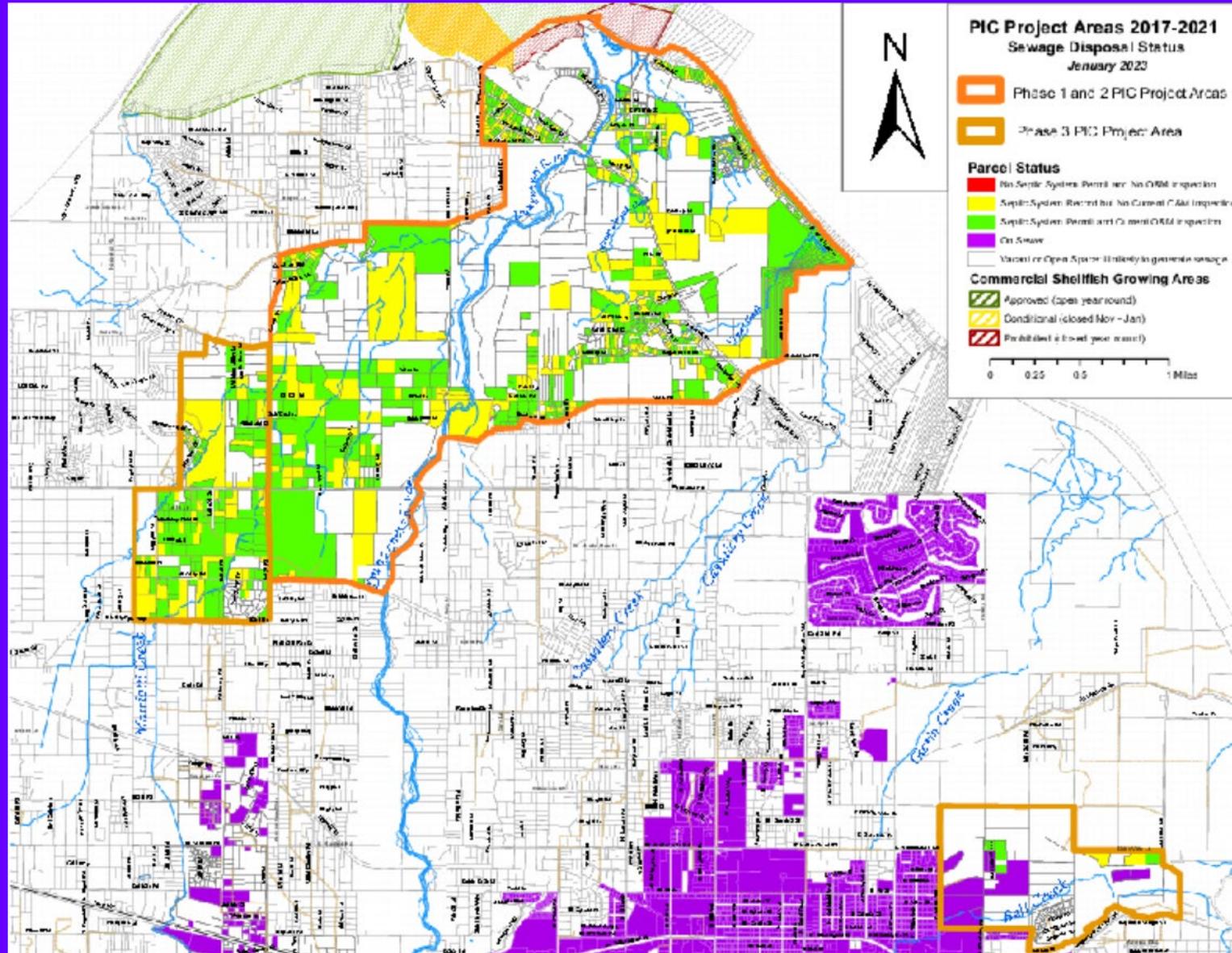
January 2013 Inspection Status



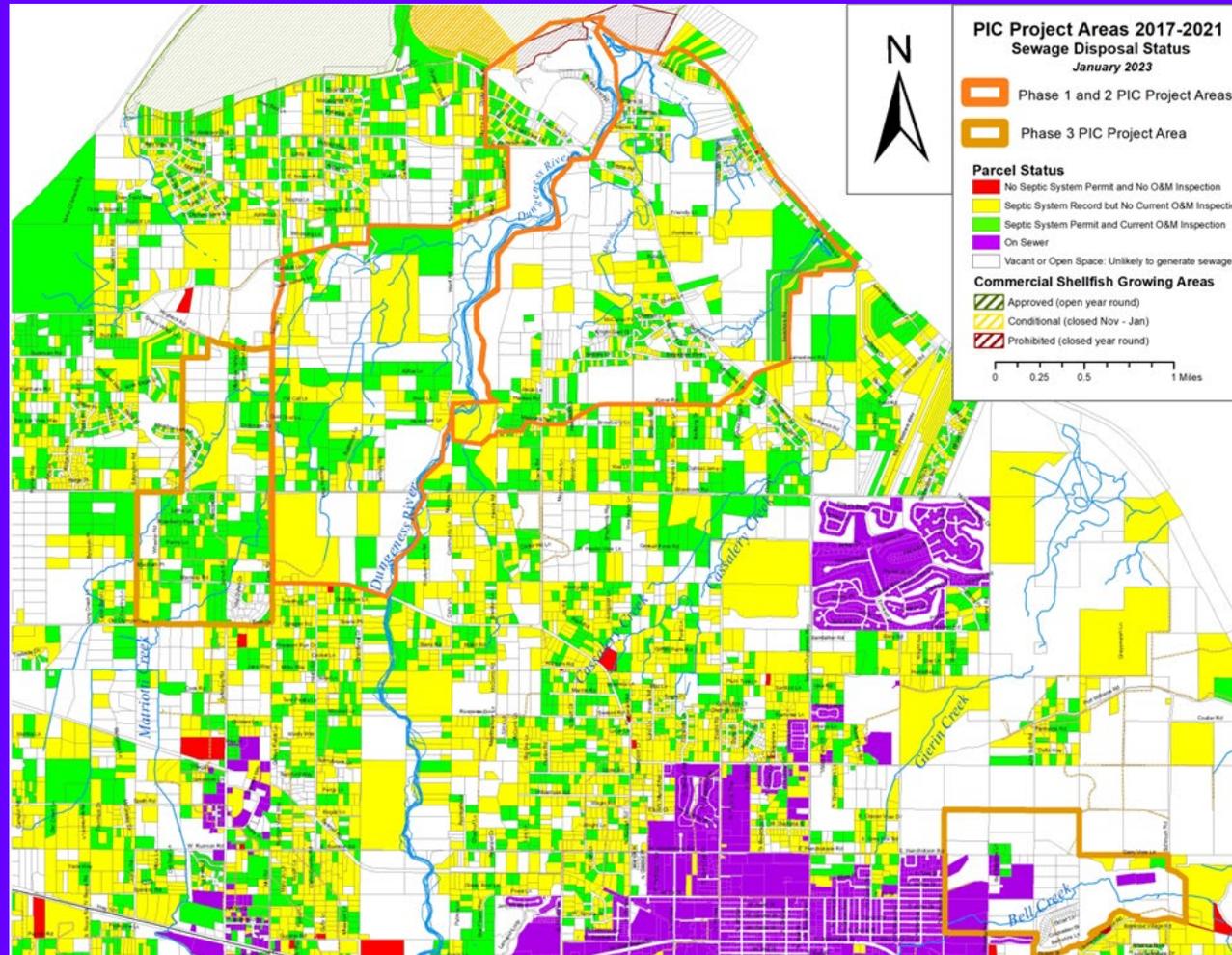
January 2023 Inspection Status



589 of PIC properties are current on their required inspections as of January 2023



64% of OSS in the PIC areas are current on inspections as compared to 38% in the MRA and 32% in the county.



Thank you, PIC property owners for being so pro-active in getting your inspections!



For those property owners who need assistance EH can provide technical advice and there is now funding available for inspection rebates

Clallam EH has rebate money available for the following:

1. **System locates** - locating a septic tank, drainfield, and other parts of a system if the location is unknown in County Permit Database.
2. **Septic system inspections** – full system inspection by a licensed maintenance provider or designer. **PUMPING IS NOT THE SAME AS A FULL INSPECTION.**
3. **Pumping of Septic tanks** – funds are available for pumping if there is a current record or site drawing on file with the county for the septic system and if reports are current (from a county licensed maintenance provider or designer) showing the system is functioning.
4. **Installation of risers** – may also be considered for rebates if there is a current record or site drawing on file with the county and if reports are current (from a county licensed maintenance provider or designer) showing the system is functioning.

Properties in the MRA and then the rest of the County will be prioritized according to the following protocol:

Priority 1. Properties with no septic system permit records - system locate required.

Clallam County Environmental Health is charged with knowing the location and status of all septic systems in the county. Priority for rebates will be processed for those systems that predate records or have no record on file and require a system locate.

Priority 2. Properties for which septic permit records exist, but there are no records of inspection.

This is part of the goal to bring all systems into compliance with the inspection requirements per WAC246-272A-0015(1)(d & e). Rebates up to \$100 are intended to reduce the financial burden of inspections.

Priority 3. Properties for which inspection records exist, but are not current on inspection.

This is part of the goal to bring all systems into compliance with the inspection requirements per WAC246-272A-0015(1)(e). Rebates up to \$100 are intended to reduce the financial burden of inspections.

Pick up a handout at EH Onsite table for OSS Rebate Details



To apply contact Janine Reed or Sandra White-Business Cards are available