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Measure 2.1: Supplemental - Increase improved shellfish classification acreage in Puget Sound from net increase of 3,038 acres from 2007-13 to net increase of 8,614 acres by 2016



GOAL 3.2.1 - SHELLFISH

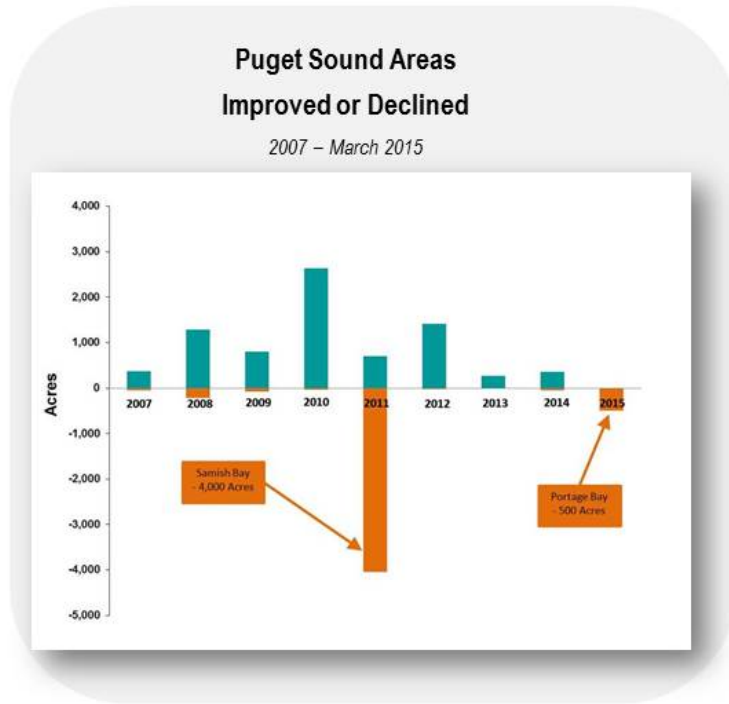
Department of Health

Maryanne Guichard
Assistant Secretary



July 13, 2015

Background: Overall water quality is improving

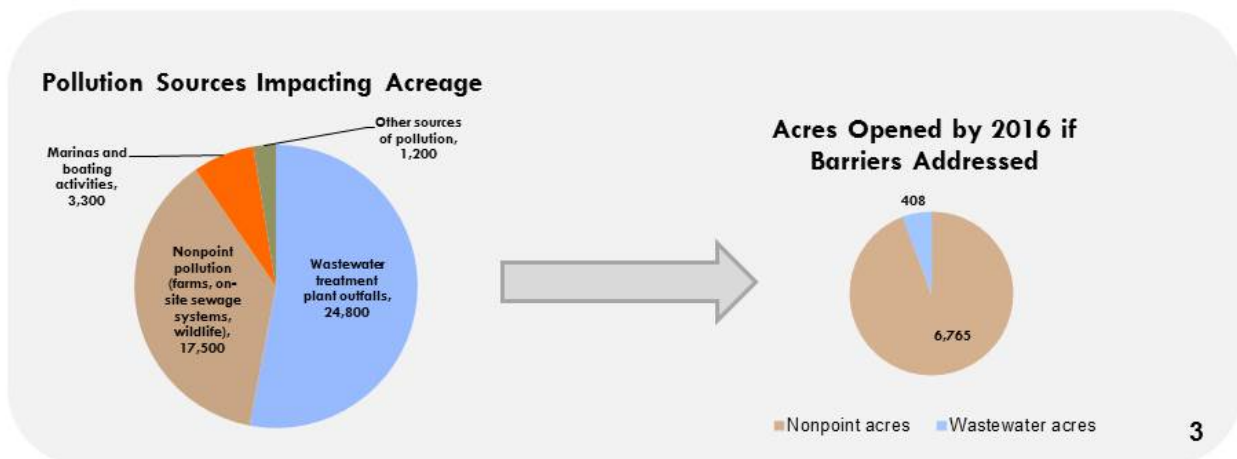


- Long term trends show improved water quality
- Poor water quality in Samish Bay and Portage Bay have masked this success
- We're at almost 3,000 acres and must upgrade Samish Bay to achieve our goal of almost 9,000 acres by 2016

2

Current State: We have the opportunity to improve water quality if barriers are addressed

- Opportunity in the short term is to focus on nonpoint pollution sources like farms and septic systems
- Making progress with wastewater and stormwater outfalls is a longer term strategy
- Must overcome our barriers to achieve our goal



3

At this point, we are not on track to make it: *Redoubling our efforts to get there*

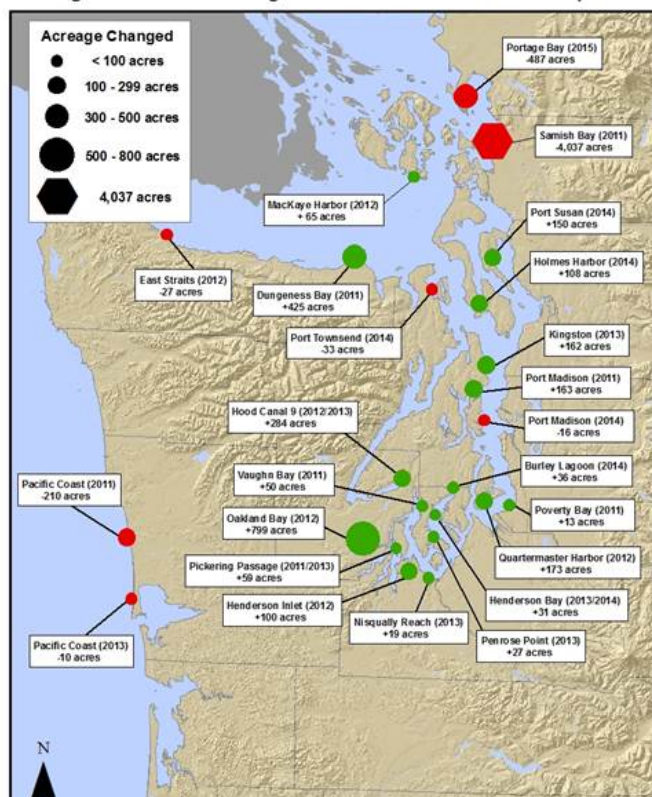


Shellfish Coordination Group:

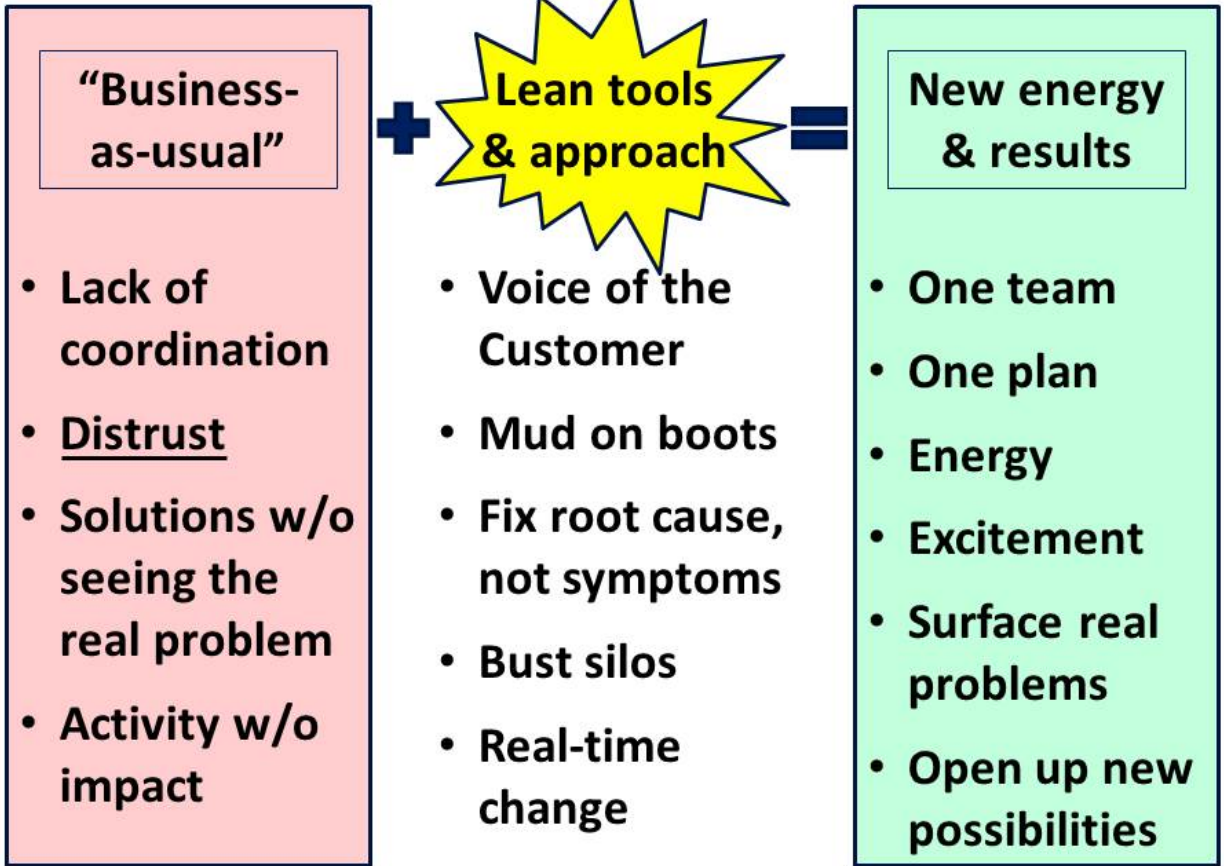
- Coordinating the state family on non-point bacterial pollution
- Tackling specific challenges to find effective, on-the-ground solutions
- Problem-solving approach

Why focus on Samish?

Washington Shellfish Growing Area Reclassifications: 2011 - April 2015



- 4000 of the 5500 acres needed
- Clean Samish Initiative
- A lot of early progress improving water quality, recent lagging
- Needed a boost
- Engaged partners



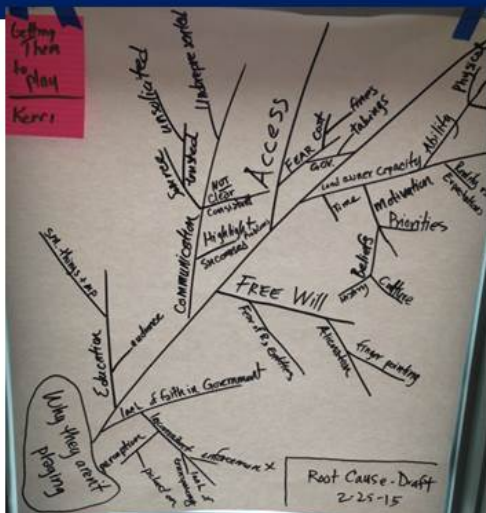
**TEAM
AT
WORK**



WE ARE NOT FINDING & ELIMINATING ENOUGH SOURCES OF FECAL COLIFORM POLLUTION

Root Cause Analysis

(no finger-pointing)



NOT FINDING THE RIGHT SOURCE

- FINE SCALE SOURCE LOCATION
- LOCATION OF SOURCE OPS
- CANONICATE IN ADVANCE TO WATER
- NEED TO SAMPLE TWP DRAFT AT THE TIME
- THIRD LAB FROM SAMPLE TO ACTING
- CANT REMOVE QUICKLY
- SOLUTION: MAKE EYES PURE INDEPENDENT
- INTERIM SETUPS MONITORING
- INCORPORATE SETUPS INTO OIA OPERATIONS
- COSTS EMITTING OPERATIONS
- LANDOWNERS NOT GETTING INVOLVED
- TOOLS ARENT READY
- UNEQUAL SURVEILLANCE
- CANT SEE EVERYTHING FROM ROAD
- UNEQUAL SURVEILLANCE
- MISSED SOURCES

NOT SETTING COOPERATION

- Capacity
- Ability
- Barriers - Physical - Financial
- P. Non-negotiable Resources
- Communications
- Unclear
- Too Many Sources
- Tone
- Education
- Audience
- Buy In
- Not Fixing the Source

WE ARE NOT FINDING & ELIMINATING ENOUGH SOURCES OF FECAL COLIFORM POLLUTION

Your Plate and everything on it

GOAL: Characterize Focus Area through the data.

High level Plan: Sample, Sample, Sample and locate through bracketing those areas of concern

WHO	WHAT	BY WHEN
Eileen, Sam, STEPH, TOR	Raw data - map, asst due to	BY 3/30
Christi, Alan, Holly	Field data - map, asst	BY 3/30
DOE	Planning, design, data	BY 3/30
SSD	Review, edit + share	BY 3/30
Bethany	Admin, Reporting, data	BY 3/30

Action Planning

(samples)

Communication Plan

MEDIA BLITZ:

- 25. ~~News letter~~ - draft by 2/27
- 26. Flyer - drop off - door to door - draft next week
- Email - is we have contact
- Newspaper - Sun paper next weeks
- Website update - pt as letter + flyer.
- Facebook update
- Wave Cable TV spots/Radio

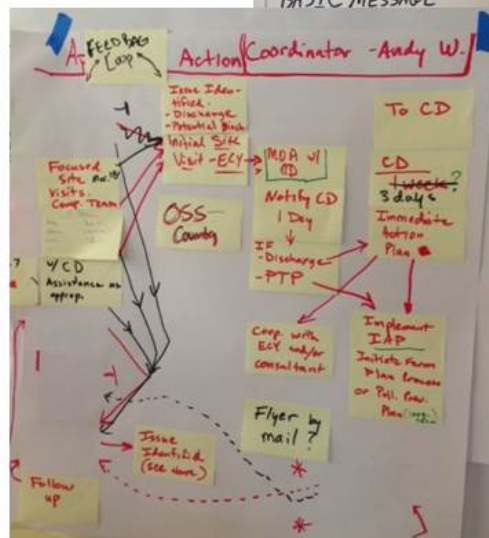
BASIC MESSAGE

W.S. Draft Mailing List

This W.S. was looking for livestock that may be issues for help. help clean up local legacy.

NEXT STEPS

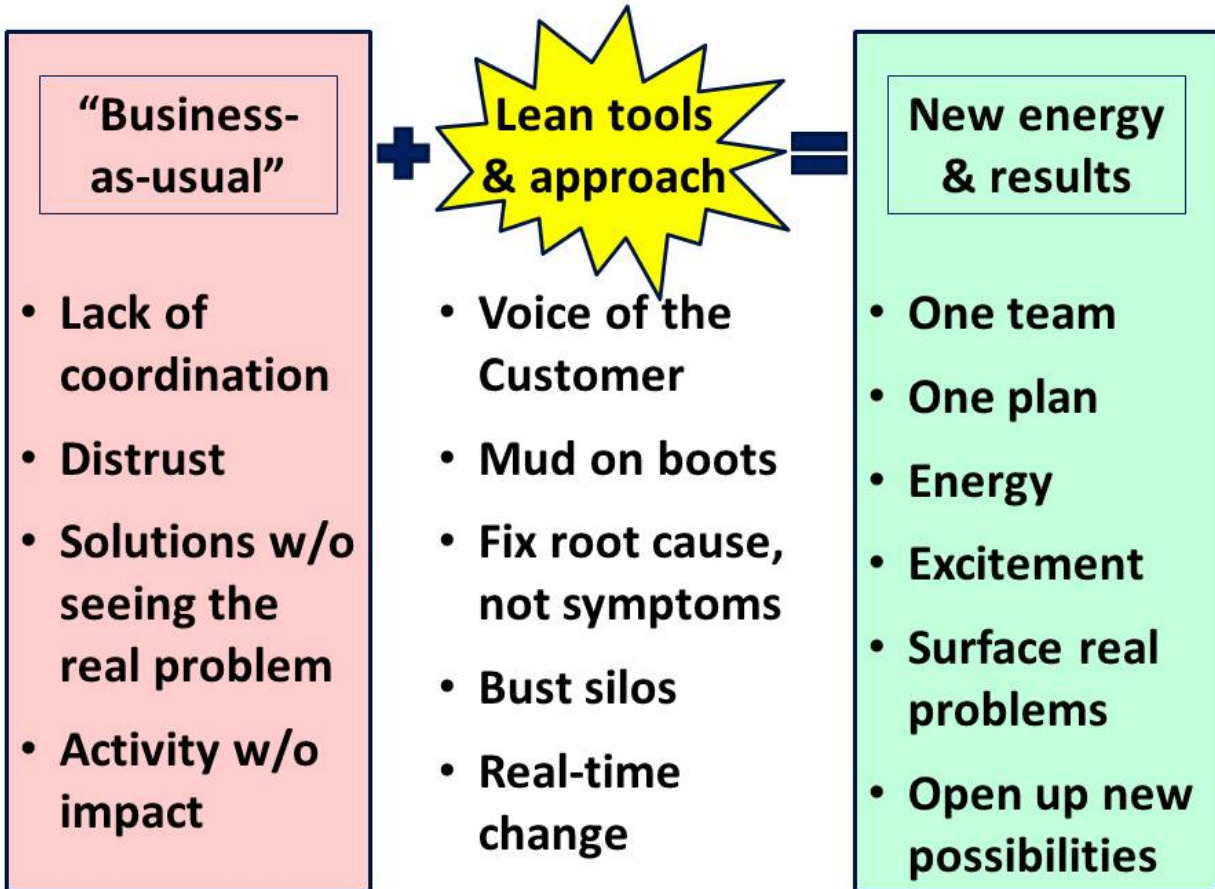
WHO	WHAT	BY WHEN
JEK, JARVIS, ROYCE	• NAIL DOWN # & RESOURCES ISSUES	5:00pm TH
	• (COORD) BIM MONTH MONITOR & DATA	
	• DOCUMENT MONITORING PLAN	NOON FR J
ANDY	• GIS SUPPORT - DETAILS	
LARANCE	• SharePoint site	5:00pm



Action Plan – Tracking



10



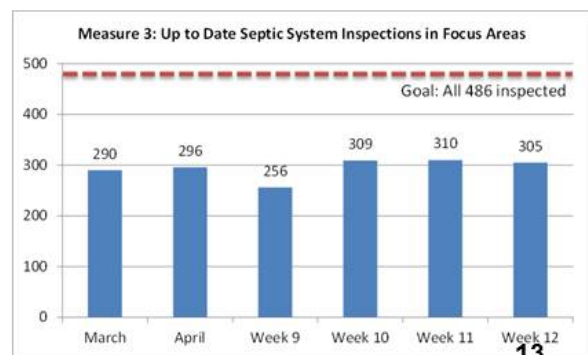
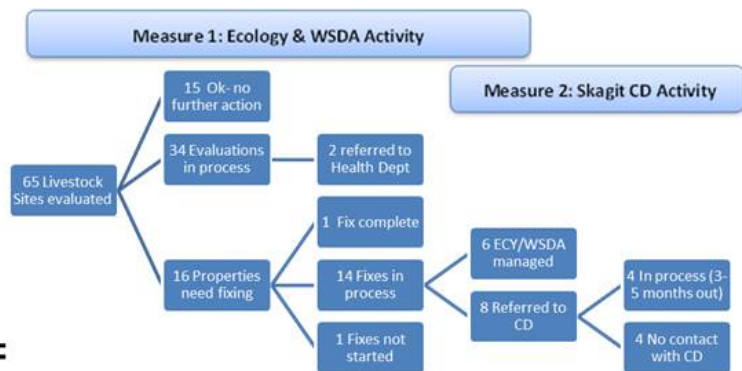


Da Team

12

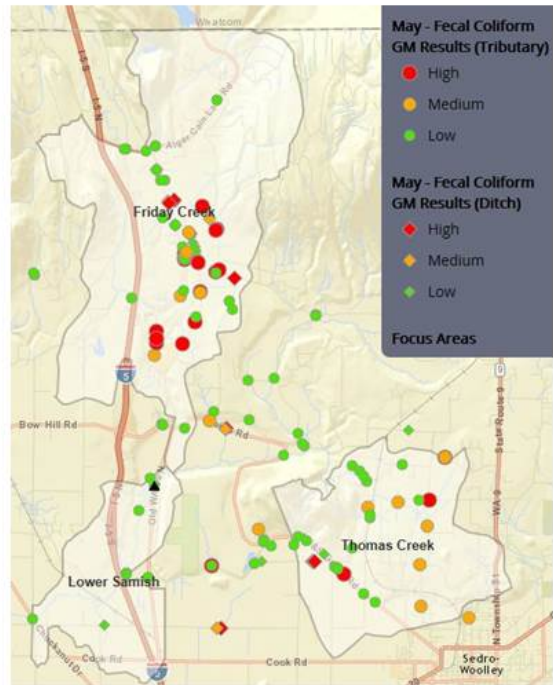
The Samish Story – 90 Days of Discovery

- Great energy & new resources found
- Setting goals = greater accountability
- New team members = new energy
- Access problems
- Be positive & have some fun!



What we learned – at the county

- Everyone likes and needs maps
- Focus your efforts
 - Based on water quality
 - Highest risk/confirmed sources
 - More outreach to “hotspots”
- Set goals & meet regularly



14

Moving forward in the Samish

- Expand mapping capacity
- Improve tracking of efforts
- Research
 - Beaver dams
 - New ways to track pollution
- Improve partner's access to data
- Revise county OSS code
- Workshop in September to plan for next rainy season

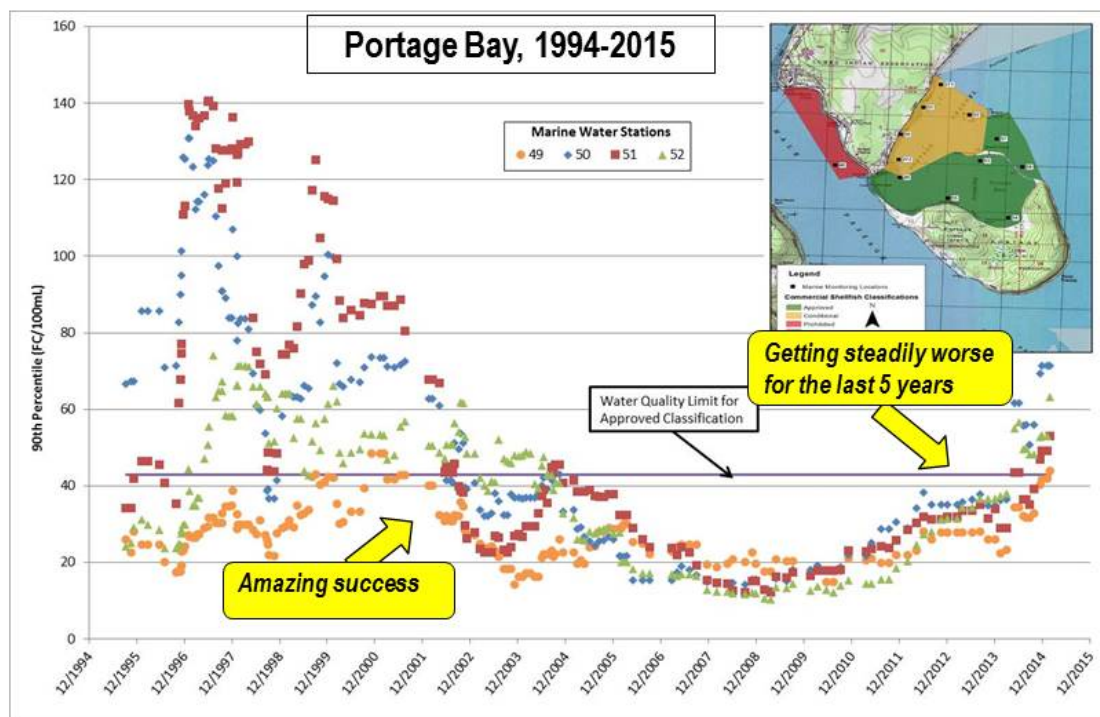
15

What we learned – at the state level:

- Value of the problem-solving approach (“A3’s”)
- Importance of “lining up the dominoes”
- Critical need for tough conversations
- There are more resources than we know
- Unanticipated returns from inter-agency work (ride-alongs)

16

Can this transfer to Whatcom County?



17

What we learned – at state agencies:

- Collaboration among state agencies
- Collaboration between state, county & CD
- *From a bunch of people working on a problem... to a **team***
- The hard work of building landowner engagement
- The power of simplicity & focus

18

Assistance Needed:

- Continue the Shellfish Coordination Group
- Continue support for the on-going work in the Samish
- Support expansion into Whatcom County
- Provide support as these efforts uncover useful policy changes and resource needs

19

Samish River from Thomas Road Bridge



20

Painting by Roger Small

Action Plan

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