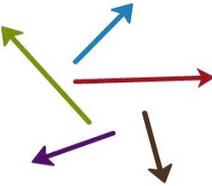




# Strategic Implementation Areas

A tool to measure progress on agricultural lands

# Ag WQ Program: Four Tools

	<b>Traditional Approach:</b> <b>Opportunistic / Count Outputs</b> <i>Isolated Impact</i> 	<b>New Strategic Initiatives:</b> <b>Systematic / Measure Outcomes</b> <i>Coordinated Impact</i> 
<b>Voluntary *</b> <b>(SWCD-Led)</b>	<b>1. Individual Voluntary Projects</b> Purpose: Achieve WQ Goals on Individual Sites Metric: Number of Fence Posts, Acres, etc.	<b>3. Focus Areas</b> Purpose: Achieve WQ Goals Across Small Watersheds Metric: Percent of Watershed Achieving WQ Goals
<b>Regulatory</b> <b>(ODA-Led)</b>	<b>2. Complaint-Based Compliance</b> Purpose: Achieve Compliance on Individual Sites Metric: Number of Individual Sites In Compliance	<b>4. Strategic Implementation Areas</b> Purpose: Achieve Compliance Across Small Watersheds Metric: Percent of Watershed In Compliance

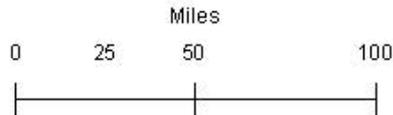
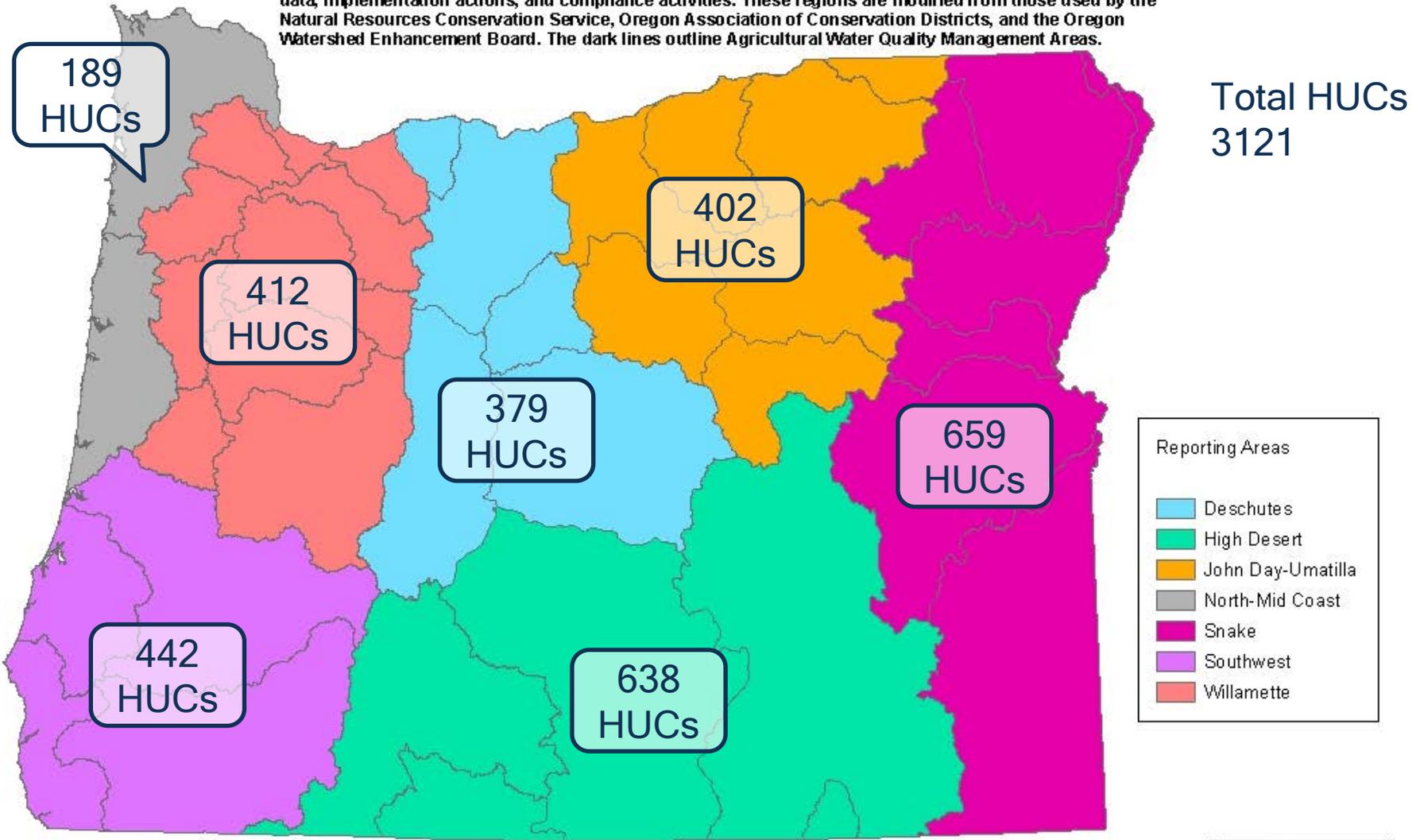
\* Additional voluntary WQ projects are initiated by agricultural landowners, *the original stewards of the land*

# Strategic Implementation Areas (SIAs)

- + January 2014  
Two test SIAs initiated. (Wasco & Clackamas)
- + 2015  
Initial 6<sup>th</sup> field HUC Prioritization with accelerated schedule for implementation
- + 2015-2016  
7 SIAs being implemented
- + Summer 2016  
6 additional SIAs to be selected

# Agricultural Water Quality Reporting Areas

The Oregon Department of Agriculture uses these regions for reporting information such as monitoring data, implementation actions, and compliance activities. These regions are modified from those used by the Natural Resources Conservation Service, Oregon Association of Conservation Districts, and the Oregon Watershed Enhancement Board. The dark lines outline Agricultural Water Quality Management Areas.



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Prepared by: ERIE Associates  
 Date: 04/20/2011  
 Date Printed: 04/20/2011  
 Scale: 1:1,000,000  
 Projection: NAD 1983 Oregon State Plane North FIPS 5003  
 Path: S:\Information\GIS\Projects\AWQMA\Map\AWQMA\_042011.aprx



# 2015 6<sup>th</sup> Field HUC PRIORITIZATION

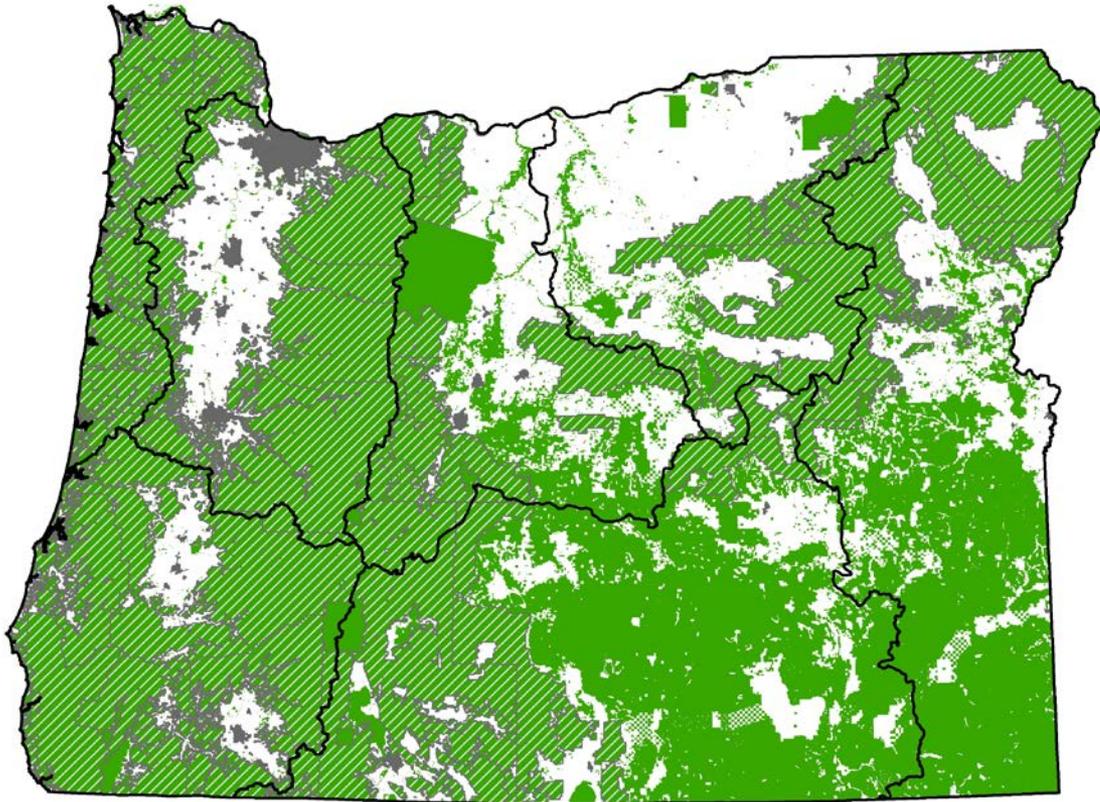
→ Identify and remove non-Ag lands

Example: Federal lands, Tribal lands, Urban

→ Identify six-field HUCs (10,000 - 40,000 acres)  
with Ag and Water

→ Prioritize HUCs

# 2015 6<sup>th</sup> Field HUC Prioritization



UrbanGrowthBoundary Forestry Zones Not Private Land

3121 HUCs Statewide minus  
HUCs without Ag or water =

HUCs WITH AG & WATER =  
2174

HUCs with Ag & Water and.....  
CRITERIA! =



Ag Land



Urban



Forestry Zone



Not Private Lands

# 2015 6<sup>th</sup> Field HUC Prioritization

HUCs with Ag and Water: (2174 HUCs)

## Water Quality; (303(d) listed or TMDL:

Criteria:

Temperature	(10)
Bacteria	(10)
Nutrients	(10)
<u>Sediment</u>	(10)
Possible WQ score	(40)

## Aquatic Species of Concern

Criteria: Priority 1 and 2 from ODFW Aquatic Species of Concern data layer.

Possible score (5)

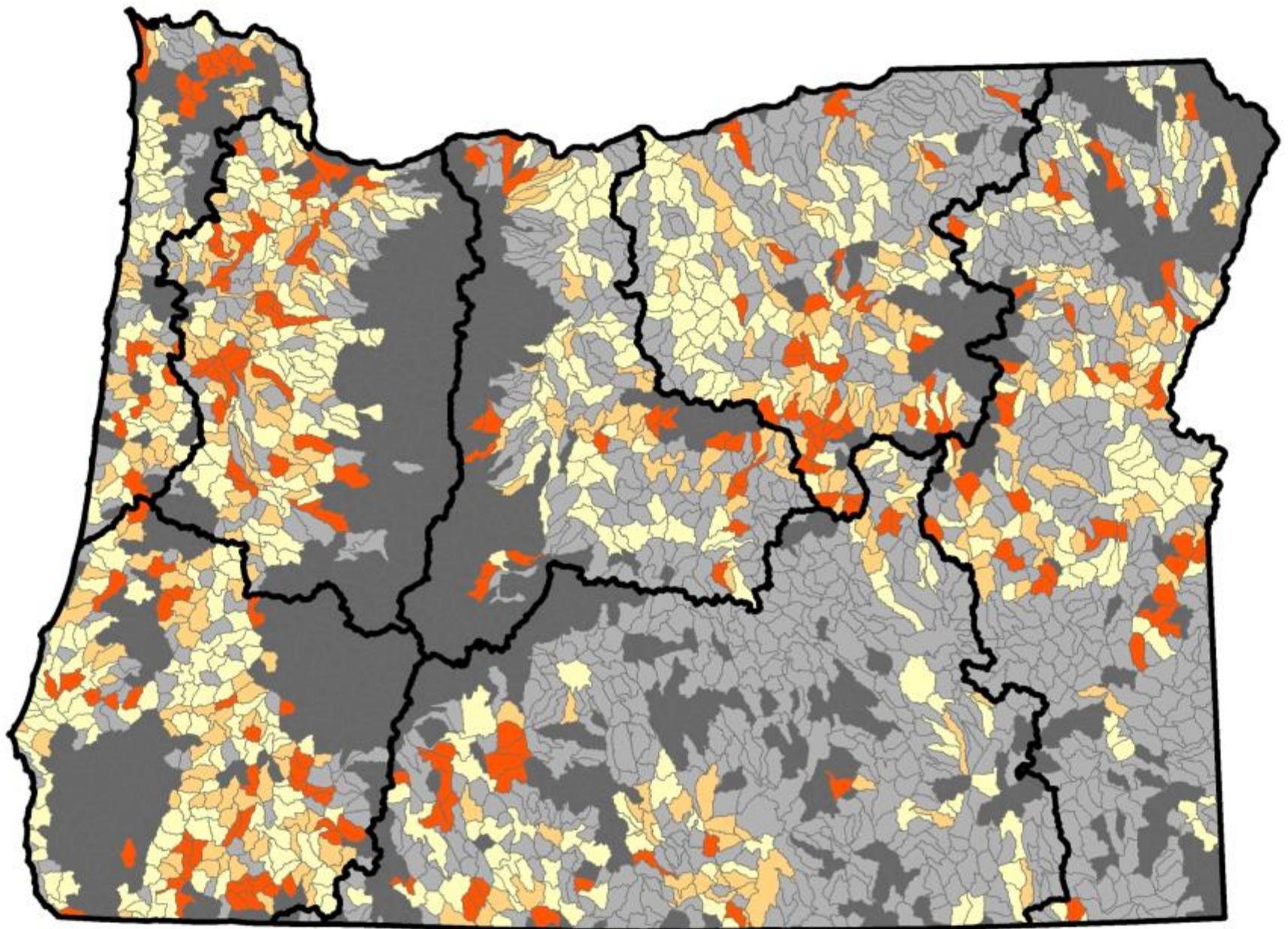
Priority 1 and 2 includes salmonid species and other non-salmonid species that are endemic to Oregon.

## **HUCs with Ag, Water, and WQ Criteria = 1018**

Score is calculated based on the stream feet of each category divided by the total stream feet in agricultural use, multiplied by the scoring factor (10 for water quality and 5 for aquatic species of concern).

## Additional Considerations

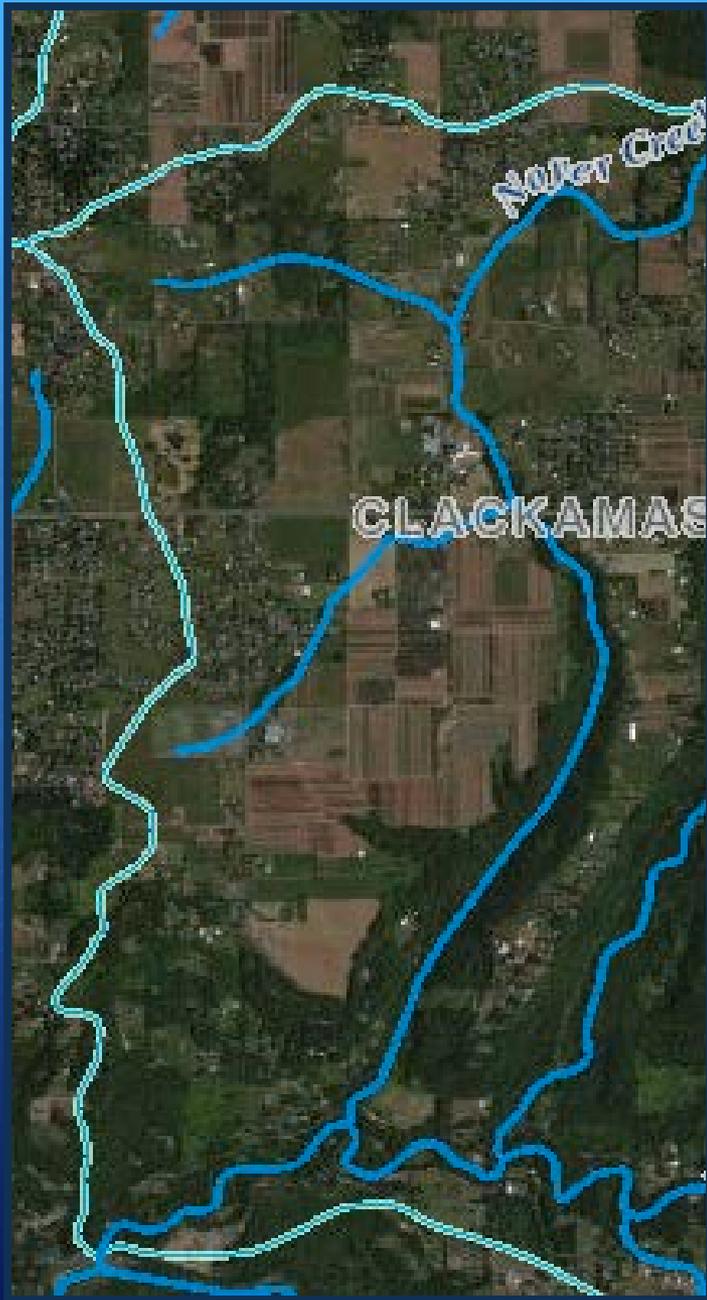
- + Statewide Geographical Distribution
- + What is the SWCD capacity?
- + Are the SWCD or other local partners supportive?
- + Would an SIA support or conflict local partner's current or previous work?
- + Is there additional water quality monitoring data that was not considered in the prioritization?



High Medium Low No N/A Reporting Areas

# Compliance Evaluation





## Compliance Evaluation

### Evaluation Methods:

#### Publically Available Information

- \*Aerial Photos
- \*Topographic maps
- \*Stream location maps
- \*Property boundary maps
- \*Field Survey

# Compliance Evaluation

## Types of Concerns:

Manure Piles

Bare Ground

Riparian Vegetation

## Concern Categories

Low Concern— Unable to determine if Ag activities are preventing vegetation from establishing

Moderate concern—Agricultural activity may be preventing vegetation from establishing.

Significant/Serious Concern—Agricultural activity observed during field evaluation and appears to be preventing vegetation from establishing.

# Noyer Compliance Evaluation



ern  
Not Applicable

# Noyer Creek – Clackamas Co. Compliance Evaluation



Not Applicable



No Concern



Potential Concern



## Outreach/Enforcement

### All Categories

General Informational letter

SIA/FA Info Card

Open House invitation

### “Low” Category

General “Fix-it” letter

### “Moderate” Category

1<sup>st</sup> Personalized “Fix-it” letter

2<sup>nd</sup> Personalized “Fix-it” letter

Request for site visit

### “Significant” Category

1<sup>st</sup> Personalized “Fix-it” letter

Request for site visit

### “Serious” Category

Request of site visit



# SIA Grant Process

- + \$1,000,000 through OWEB
- + 5 grant applications received (~\$800,00 requested)
- + 2 fully funded, 3 asked for resubmittal

# Questions?

## + Contact information...

+ John Byers – ODA AgWQ Program Mgr (503) 986-4718  
[jbyers@oda.state.or.us](mailto:jbyers@oda.state.or.us)

+ Sheila Marcoe – Natural Resource Policy Specialist (503) 986-4707  
[smarcoe@oda.state.or.us](mailto:smarcoe@oda.state.or.us)