

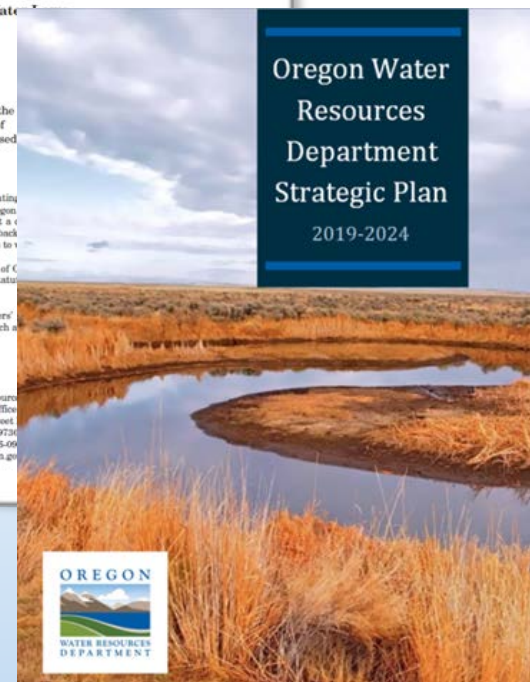
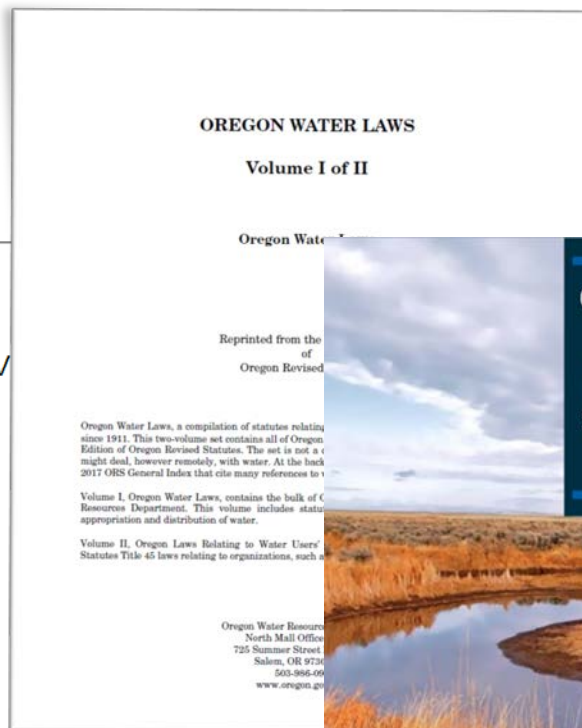
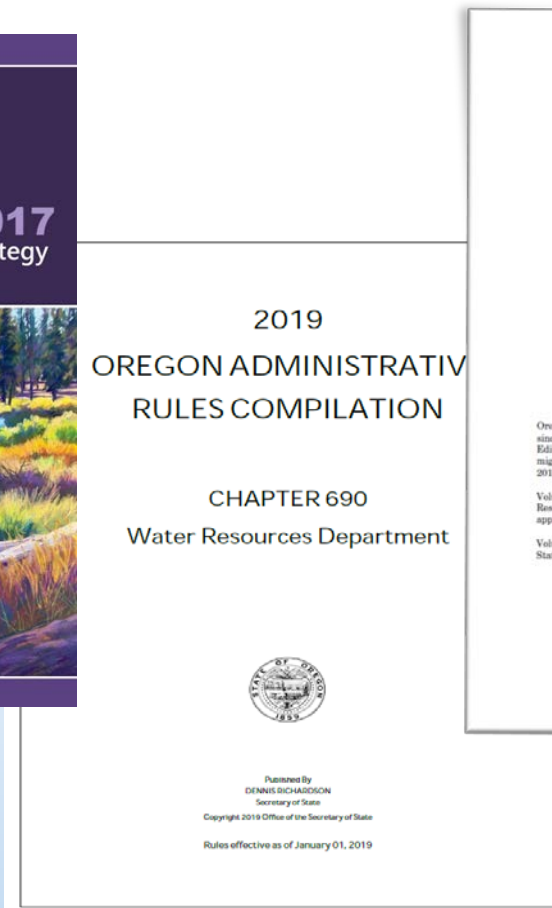
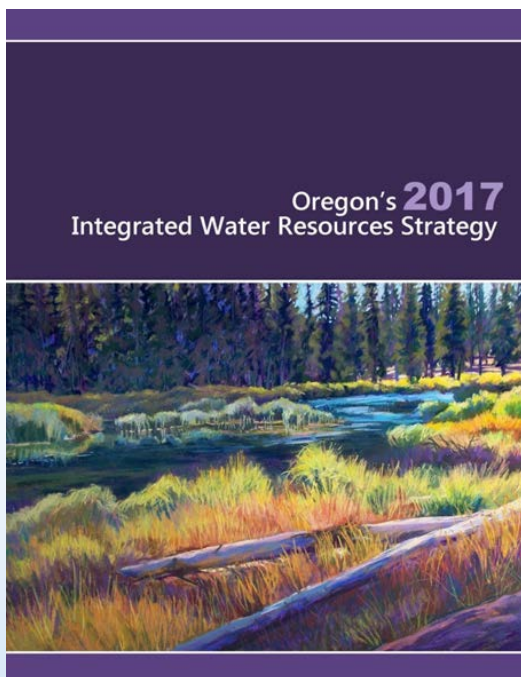
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WATER RESOURCES
DEPARTMENT

Field Services Division
2018 Activity Report

- A skilled and strong field presence contributes to:



Division Structure

Director's Office



Water Right
Services

Technical
Services

Admin.
Services

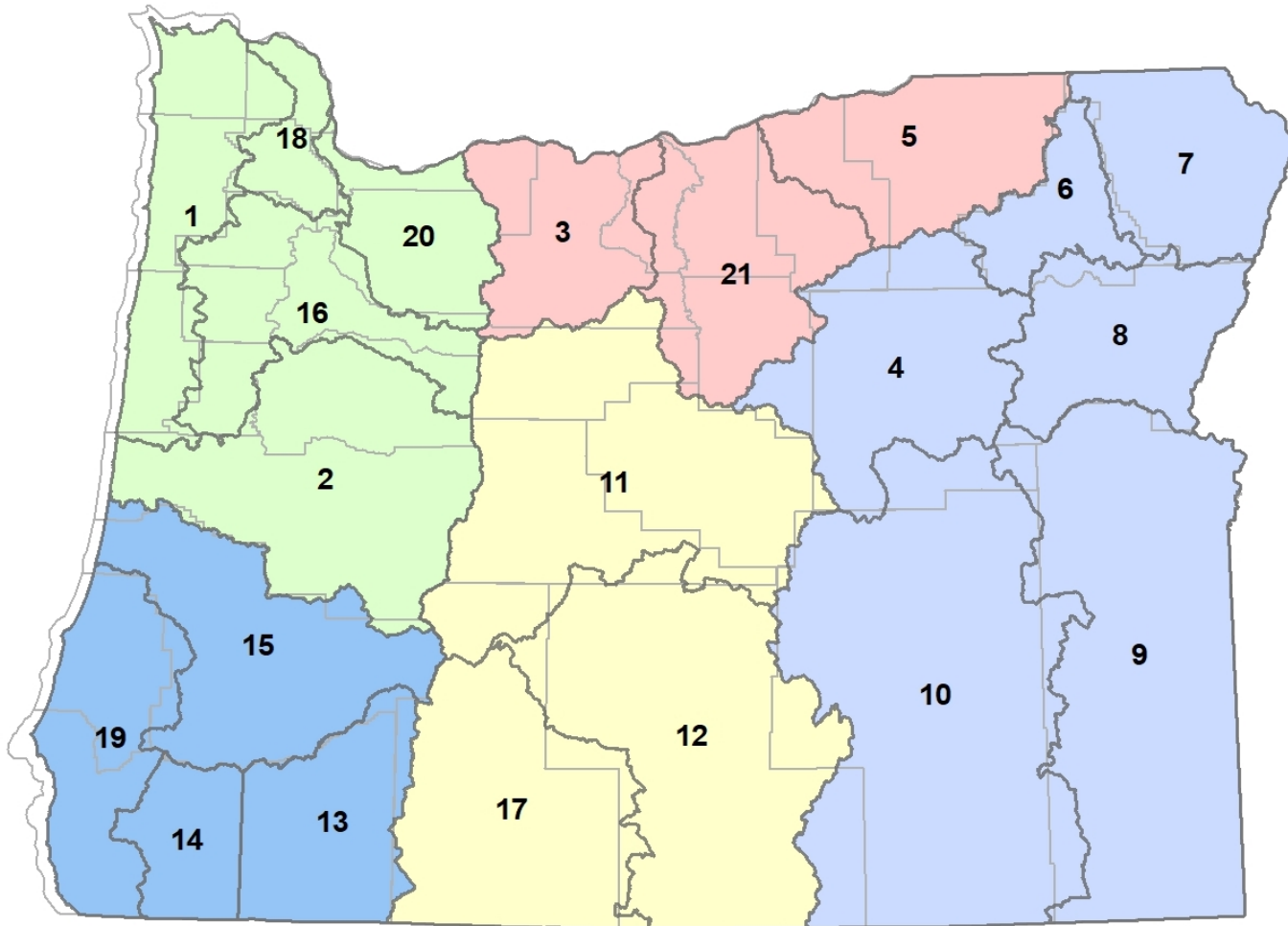
Water Master Corps – April 2019



Field Services Division



Watermaster Districts



OWRD regions: ■ NW ■ SW ■ NC ■ SC ■ E

Our Focus: Public Service





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RESOURCES
DEPARTMENT

A Day in the Field





Database Improvements

The screenshot displays the Oregon Water Resources Department Field Activity Database interface. A red box highlights the navigation menu on the left side of the page. The main content area shows a 'Stream Summary Query' form with the following fields: Summary Year (2019), Watermaster District (empty), Basin (dropdown menu), and Stream name (Select a basin first). Below the form is a table of records with columns for Summary Year, BasinNbr, WmDistrict, Source/Trib, and Last Update Date. The table contains 10 rows of data, with the third row highlighted in yellow. Below the table is a pagination control showing '1 2 3 4 5 6 7 8 9 10 ...'. At the bottom of the screenshot, there is a section titled 'Source>Trib-N FK ECOLO CR > ECOLO CR > 0100500030 Summary Year-2019 WM District-1' and a 'Selected GW Issue Detail' form with fields for Begin Date, End Date, and Total Issues.

Stream Summary Query

Summary Year: 2019
 Watermaster District:
 Basin:
 Stream name: Select a basin first

[Detailed Report by Basin](#) [Maintenance Page](#)

Records per Page: 10

Select	Summary Year	BasinNbr	WmDistrict	Source/Trib	Last Update Date	
Select	2019	1	1	N FK OF N FK KLASKANINE R > N FK KLASKANINE R > 01001001000120210060040	5/30/2019	Delete
Select	2019	1	1	S FK NECANICUM R > NECANICUM R > 0100200200	2/15/2019	Delete
Select	2019	1	1	N FK ECOLO CR > ECOLO CR > 0100500030	1/16/2019	Delete
Select	2019	1	1	W FK ECOLO CR > ECOLO CR > 0100500040	1/16/2019	Delete
Select	2019	1	1	NEHALEM R > NEHALEM BAY > 0101300020	1/16/2019	Delete
Select	2019	1	1	N FK NEHALEM R > NEHALEM R > 01013000200090	1/16/2019	Delete
Select	2019	1	1	FOLEY CR > NEHALEM R > 01013000200140	4/1/2019	Delete
Select	2019	1	1	CRYSTAL CR > FOLEY CR > 01013000200140090	2/22/2019	Delete
Select	2019	1	1	COW CR > NEHALEM R > 01013000200640	5/1/2019	Delete
Select	2019	1	1	ROCK CR > NEHALEM R > 01013000201200	1/16/2019	Delete

1 2 3 4 5 6 7 8 9 10 ...

Source>Trib-N FK ECOLO CR > ECOLO CR > 0100500030 Summary Year-2019 WM District-1

Selected GW Issue Detail

Begin Date: End Date: Total Issues:

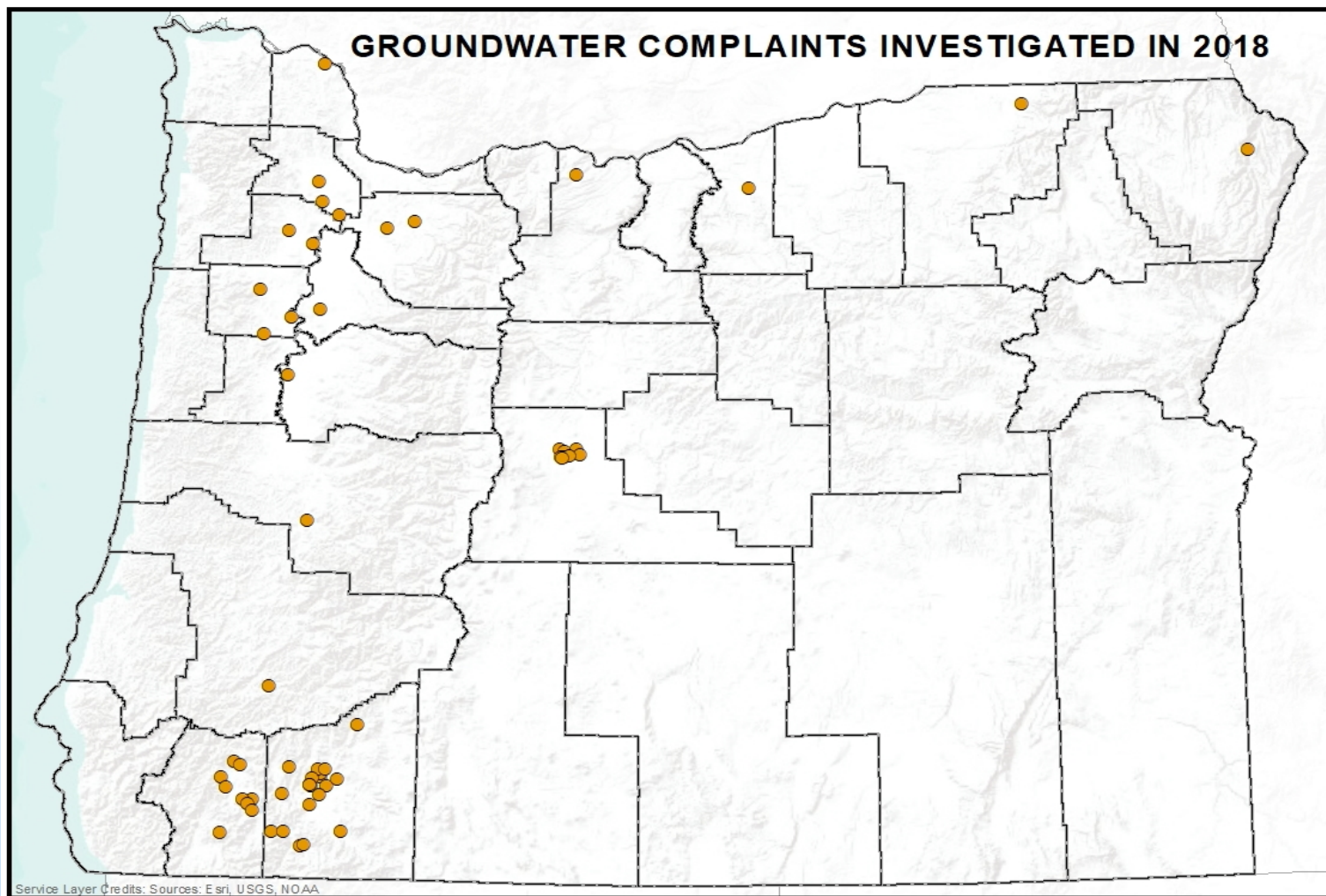
2018: By the Numbers

Regulatory Action: Action(s) by staff that cause a change in water use behavior

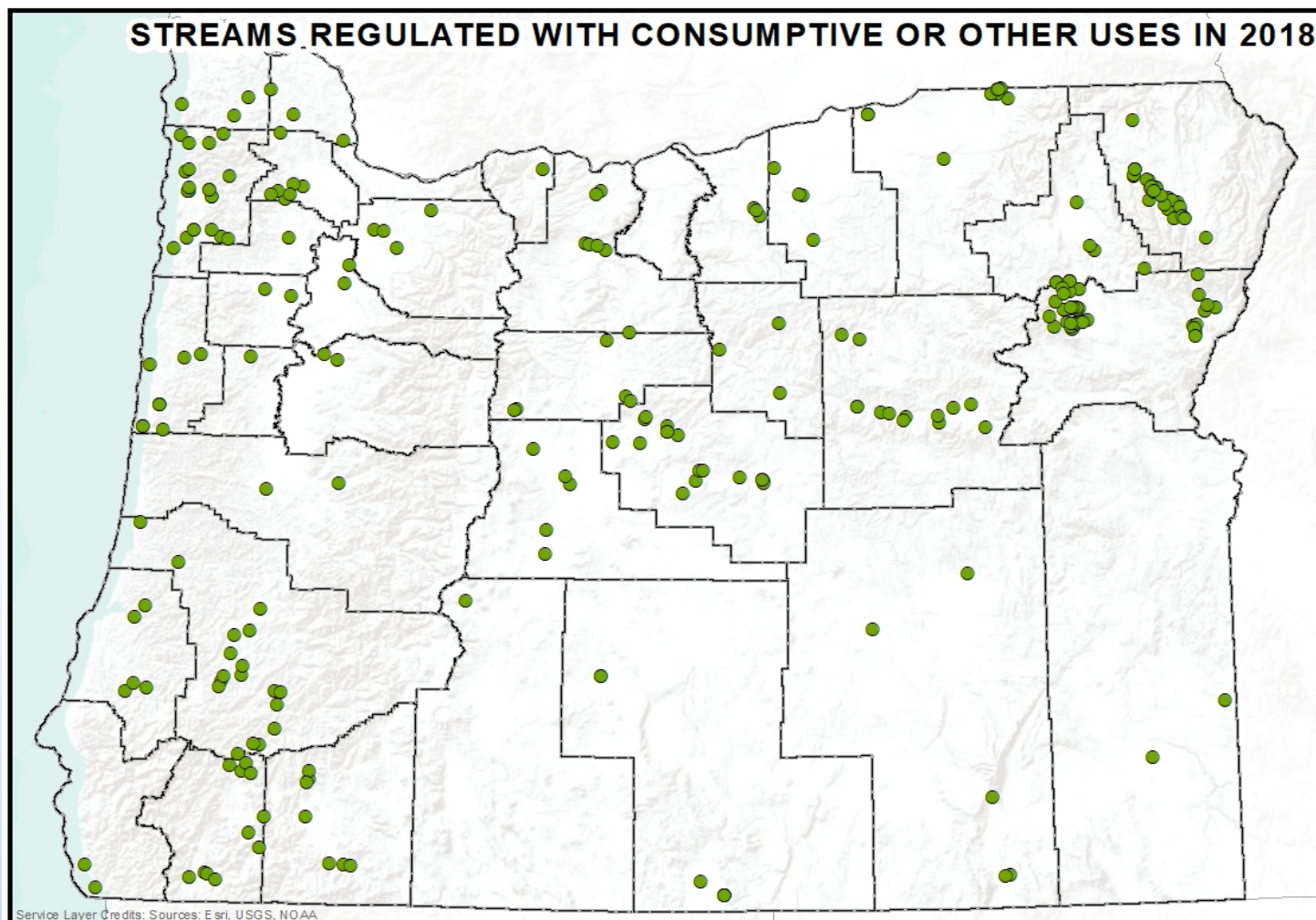
- 7,541 Total Regulatory Actions
- 4,541 Actions enforced Rights/Illegal Use for 158 Streams
- 3,000 Actions protected 205 Instream Water Rights
- 32,485 Compliance Checks
- 10 Notices of Violation



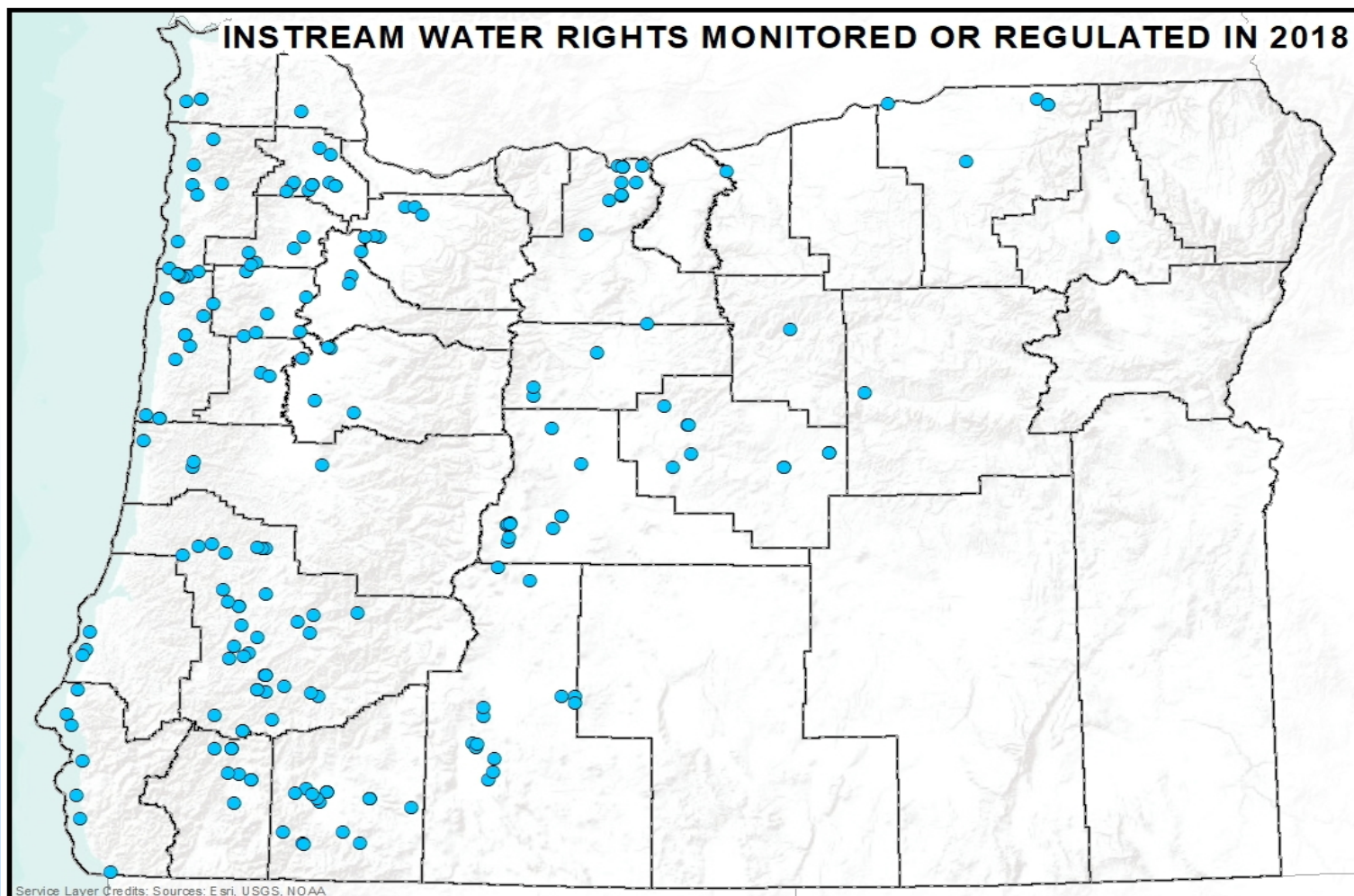
Regulatory Action



Regulatory Action



Regulatory Action



2018: Well Inspections

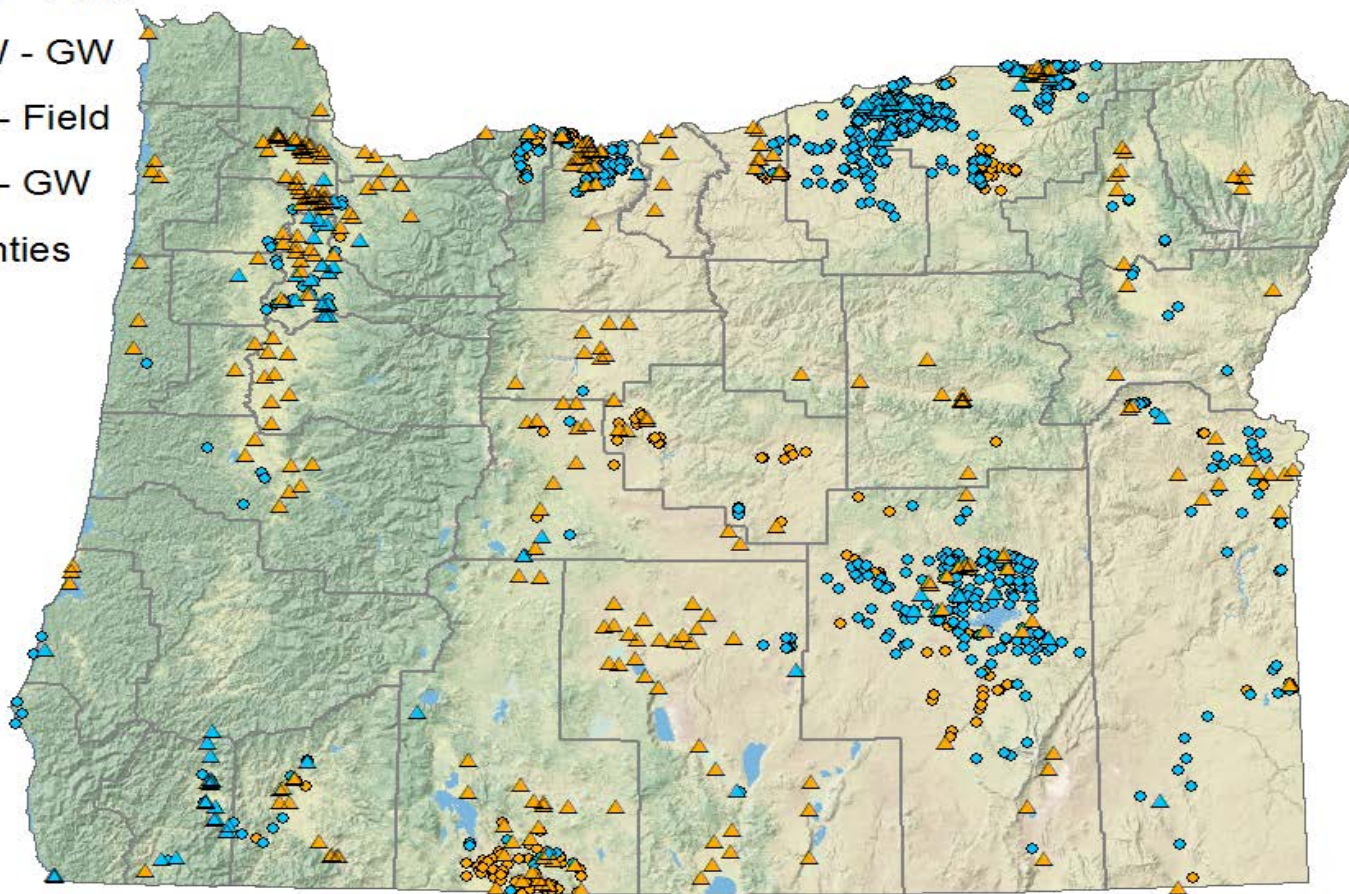
Well Inspection: Maintain integrity and quality of groundwater resources

- 782 Monitoring Well Reports
- 3,704 Water Supply Well Reports
- 6,170 Geotechnical Hole Reports
- 3,242 Start Cards for New Wells
- 947 Inspections
 - 29% new water
 - 28% new monitoring



OWRD Observation Wells

- ▲ SOW - Field
- ▲ SOW - GW
- Obs - Field
- Obs - GW
- Counties



2018: Dam Safety

Dam Inspection: Improve safety to protect people, property, and public infrastructure

- 953 statutory dams in Oregon
 - 75 High Hazard
 - 149 Significant Hazard
 - 729 – Low Hazard

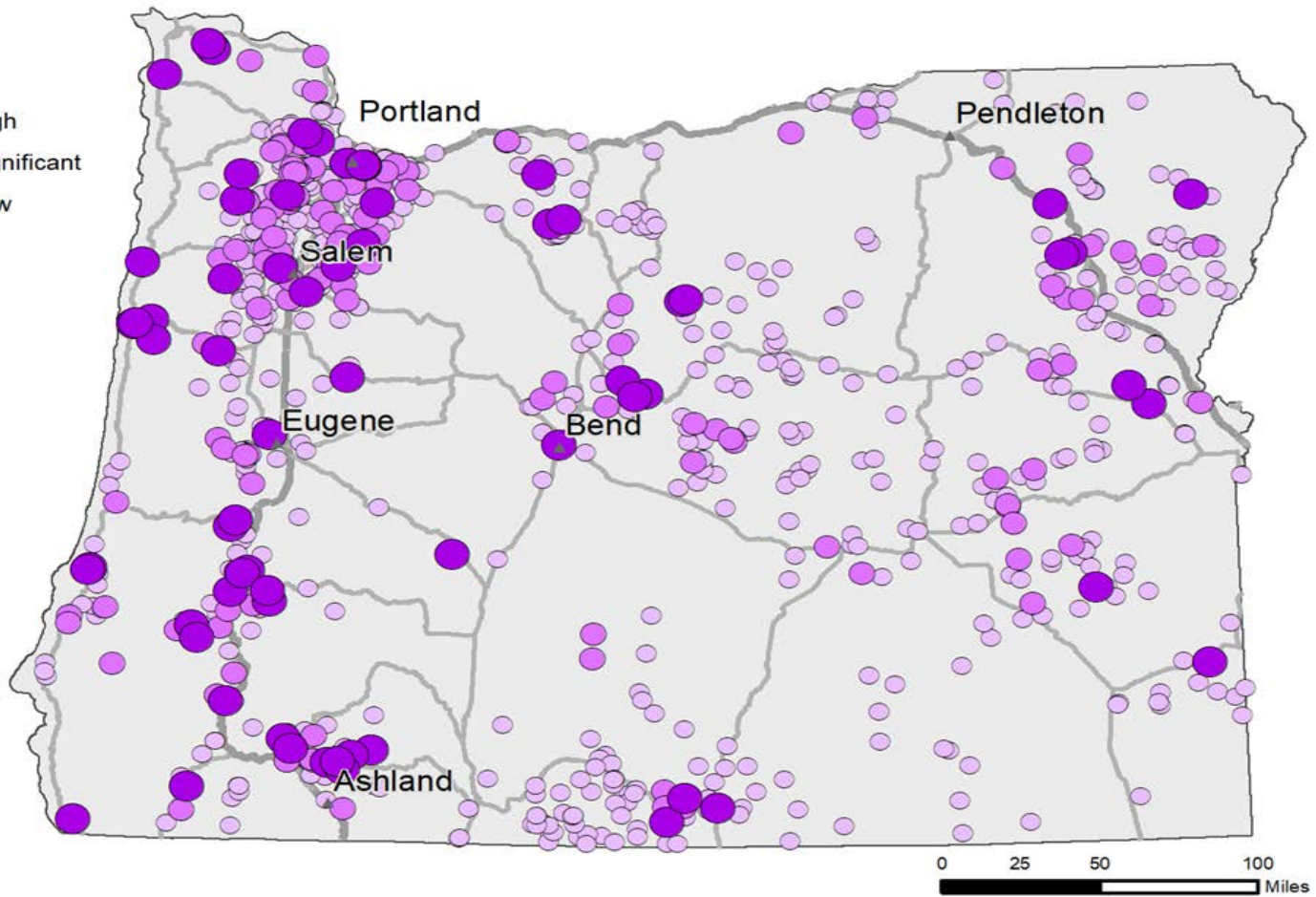




Dam Safety

Legend

- State, High
- State, Significant
- State, Low

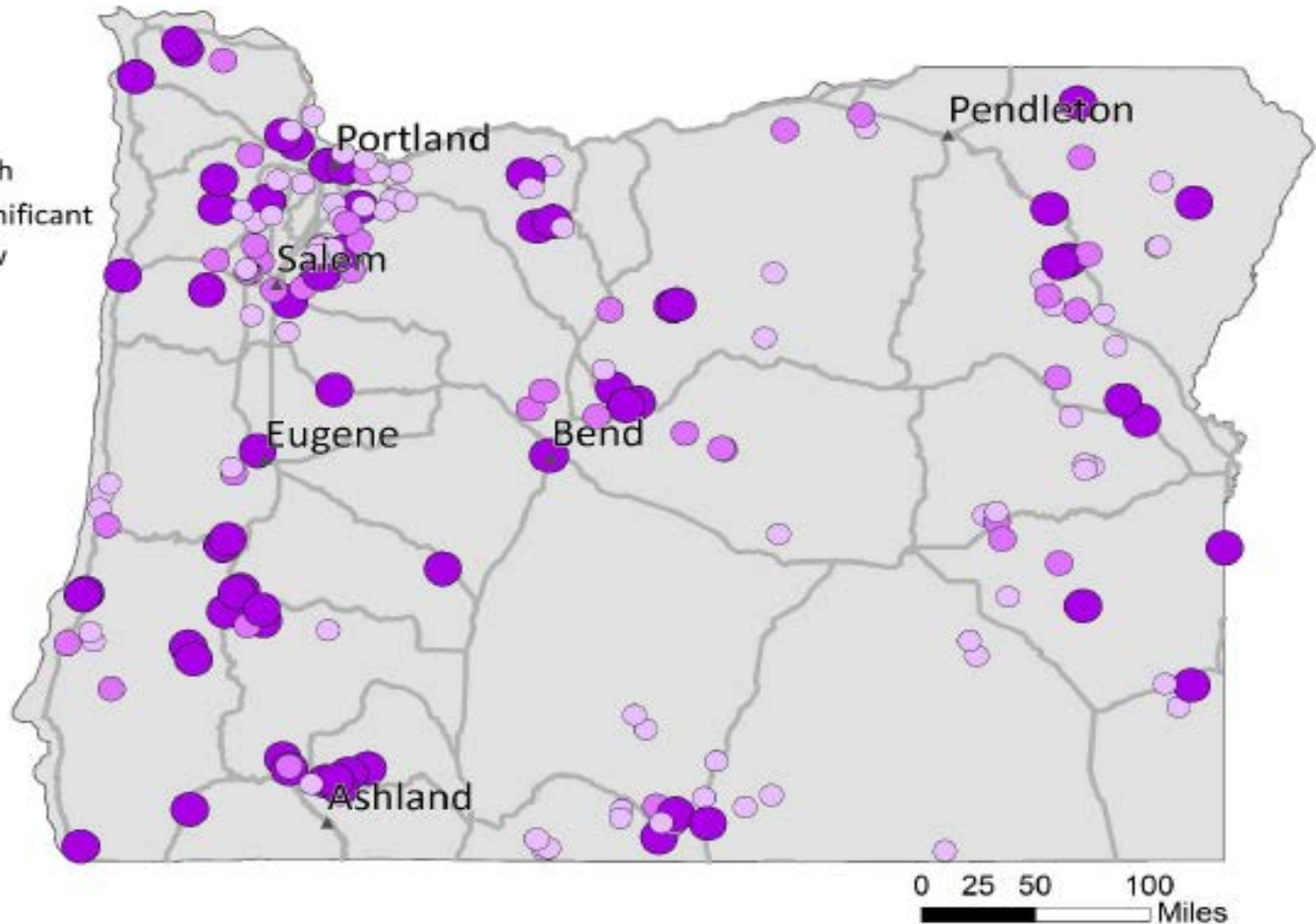




Dam Safety – 2018 Inspections

Legend

- State, High
- State, Significant
- State, Low



Challenges and Opportunities

- Changing Environment
- Advancing Technology
- Emerging Issues



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