



Oregon Department of Environmental Quality

House Committee on Climate
Energy & Environment

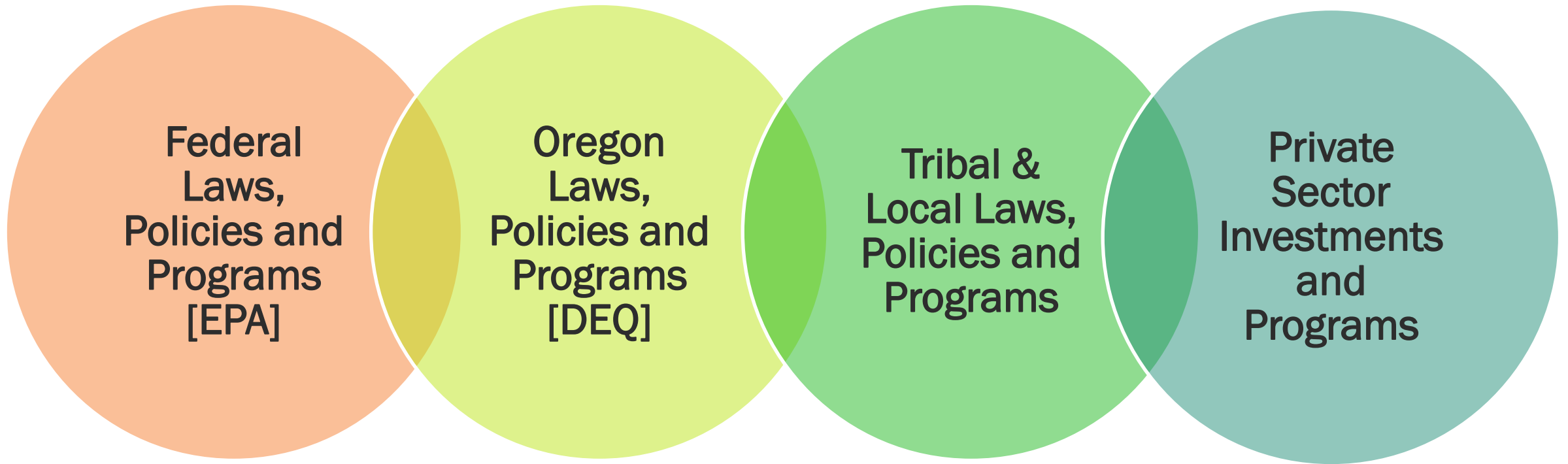
January 21 2025



Oregon. There's a lot to protect.

DEQ's mission is to be a leader in restoring, maintaining and enhancing the quality of Oregon's air, land and water

DEQ Carries Out its Mission Working With Others



DEQ Programs

Water Quality

Permitting, standards, groundwater protection, clean water loans and grants

Air Quality

Planning, permitting, vehicle inspection, climate, clean transportation grants and rebates

Land Quality

Materials management, cleanup, emergency response

Agency Management

Director's Office, HR, IT, budget, Compliance and Enforcement

Laboratory

Monitoring, assessing and analysis of Oregon's environment

DEQ Programs by Revenue Source (23-25 LAB)





Air Quality Division

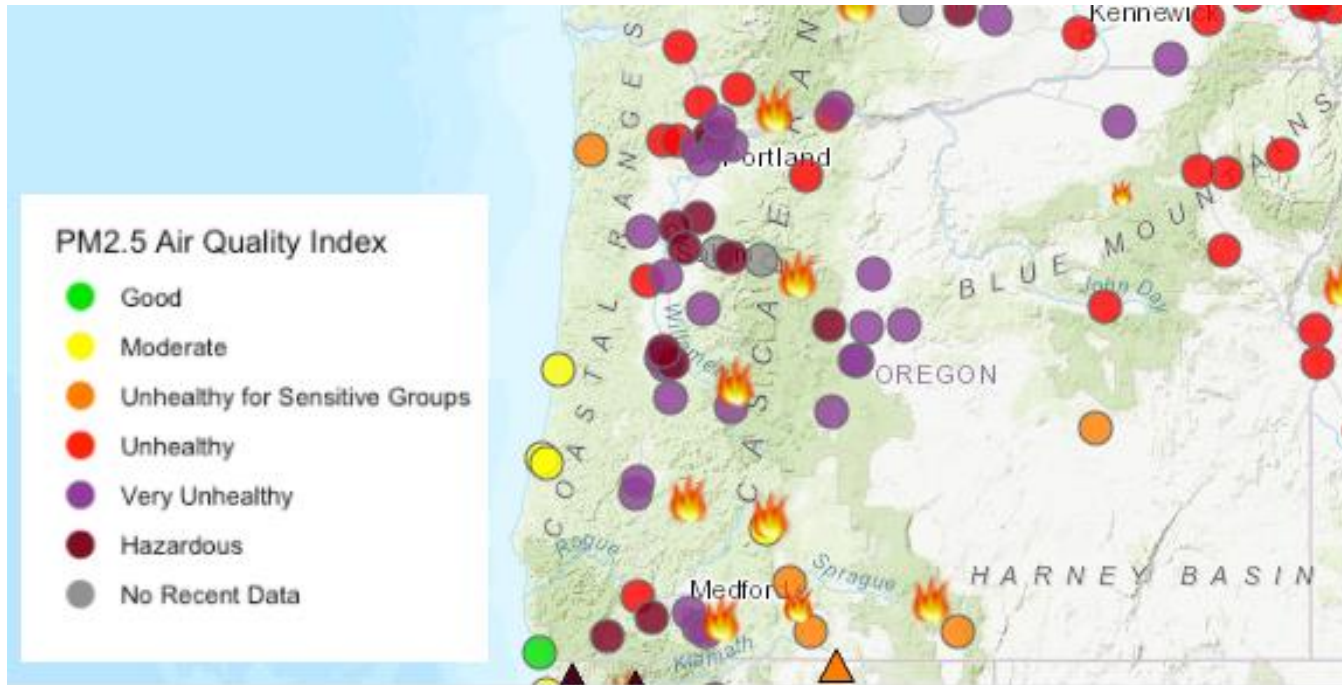
Air Quality Monitoring

Clean Air Act Framework

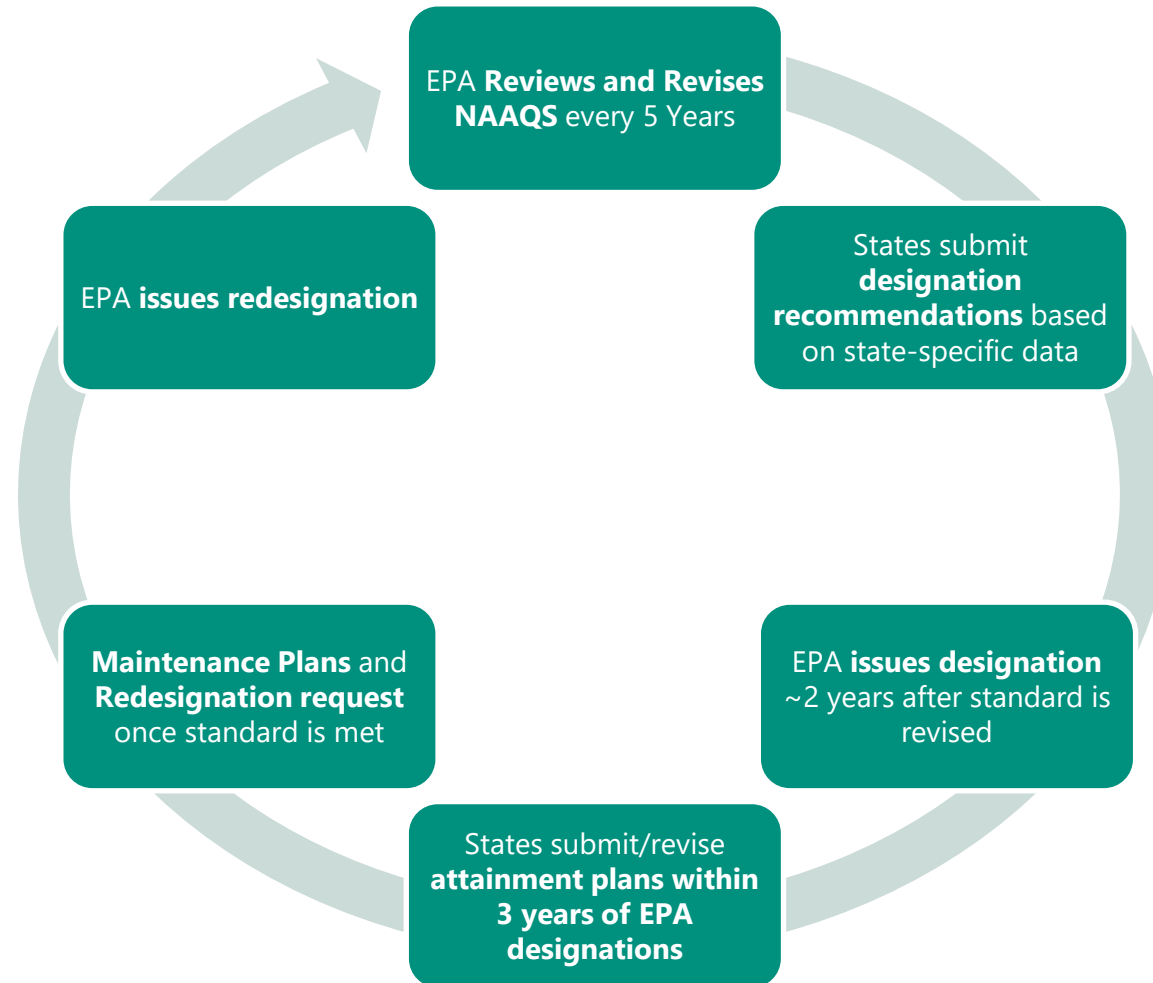
Reducing Emissions

Greenhouse Gas Programs

Fine Particulate Monitoring Sites



Federal Clean Air Act Framework



Reducing Emissions

Stationary Sources

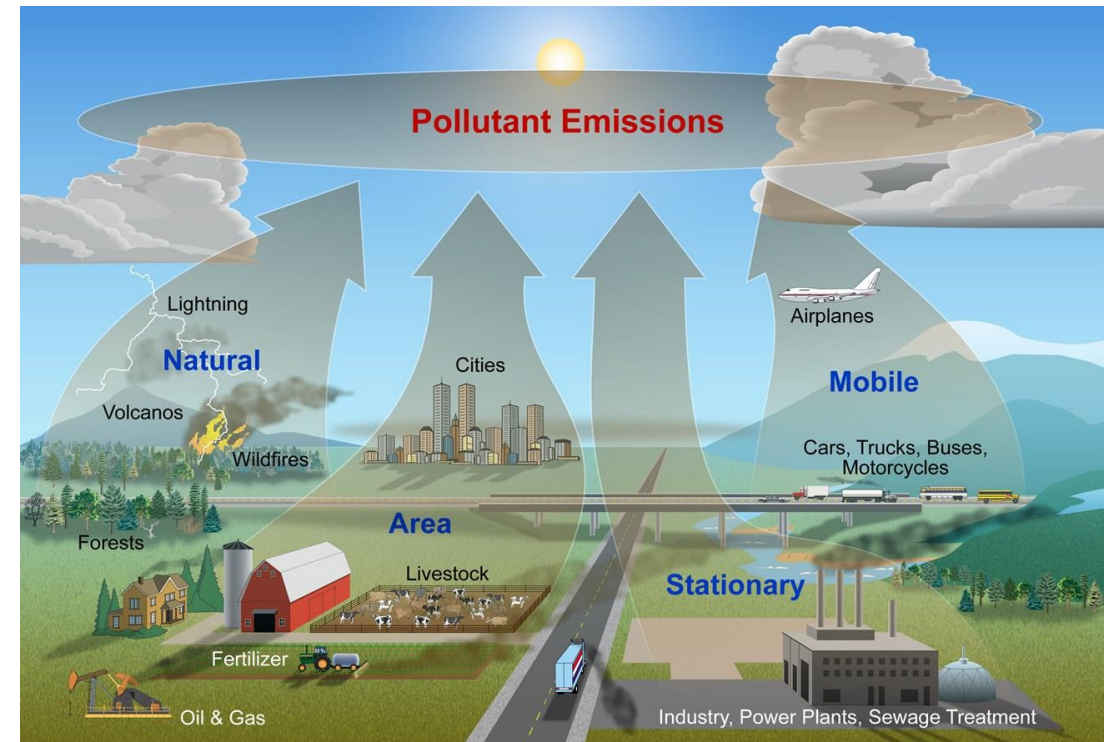
- Title V "Major Sources"
- Minor Sources
- Air Toxics
- Small Business Assistance

Mobile Sources

- Vehicle Inspection Program
- Clean Vehicle Rebate Programs
- Truck and Equipment Upgrade Incentives

Area Sources

- Smoke Management
- Heat Smart and Home Heating Incentives
- Open Burning



Reducing Greenhouse Gas Emissions

- Monitor emissions statewide, annually
- Regulatory programs:
 - Clean Fuels Program
 - Climate Protection Program
 - Vehicle emission standards
 - Landfill methane capture
 - HB 2021 support
- Funding & rebate programs:
 - \$200M grant from EPA supporting 12 different funding programs
 - Building reuse and space-efficient housing
 - Food waste recovery
 - Clean vehicle rebates

Climate Protection Program

- Sets a declining cap on fossil fuel emissions
- No-cost distribution of emissions credits
- Voluntary Community Climate Investments program
- New elements
 - Cost containment for gas utility ratepayers
 - Stronger oversight and accountability of CCI program
 - Protection for key manufacturing sectors



Land Quality Division

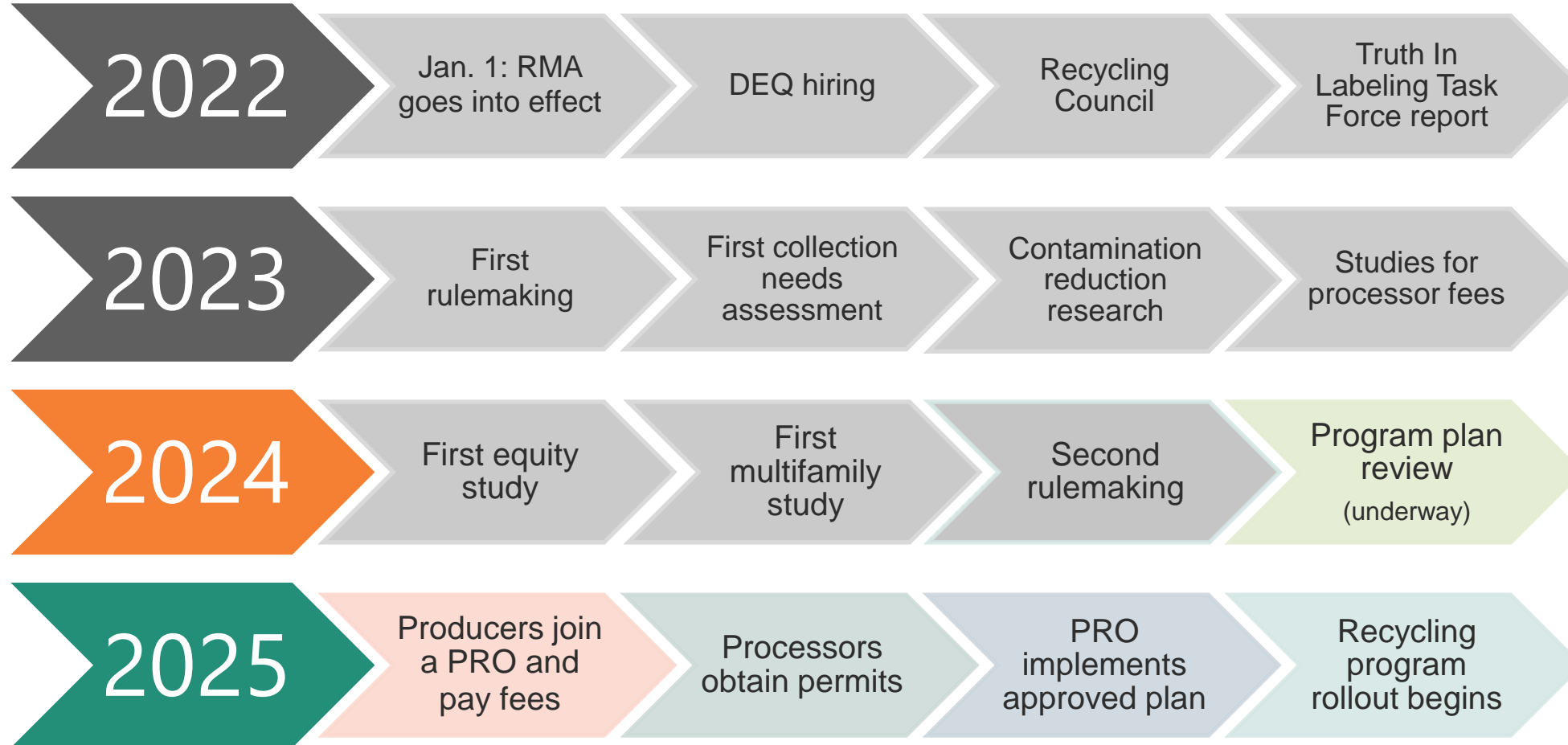
- Materials Management
- Hazardous Waste
- Environmental Clean Up
- Emergency Response
- Tanks

Plastic Pollution and Recycling Modernization Act

- Updates Oregon's recycling system
- Builds on local community programs
- Requires packaging producers to share responsibility for effective management of their products after use.
- Creates an innovative system that works for everyone.



RMA Implementation



A large, multi-tiered waterfall cascades down mossy rocks in a lush forest. The water is white and frothy as it falls. In the foreground, a wooden railing made of horizontal logs is visible. The background is filled with green ferns and trees.

Water Quality Division

Clean Water Act Framework

Federal & State Authorities

Multi-Agency
Roles/Responsibilities

Groundwater Protection -
LUBGWMA

Federal Clean Water Act Framework

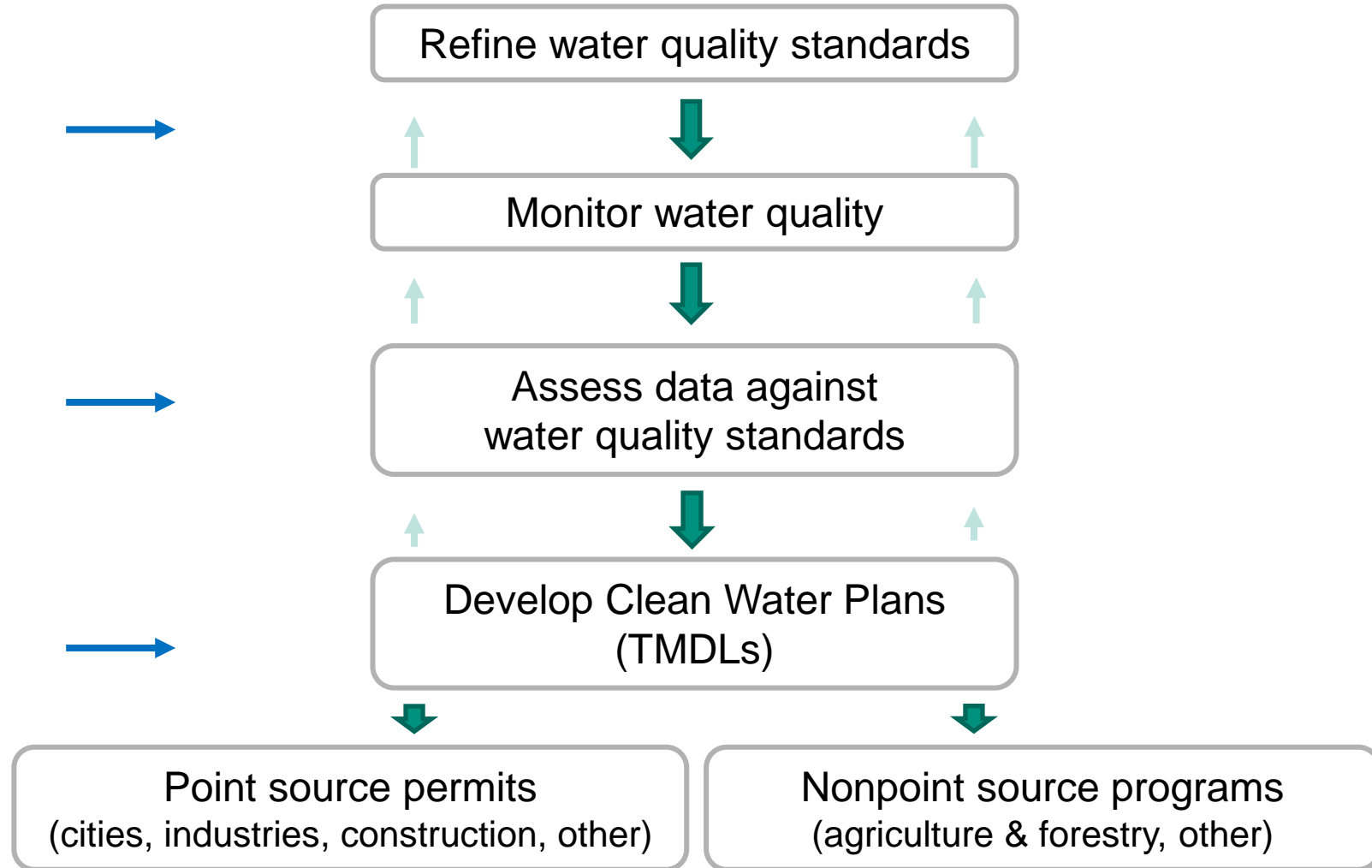
Protect Uses of Water
(drinking, fishing, swimming)



Monitor and Evaluate Conditions



Use Data and Science to Improve Conditions



Federal & State Authorities

Federal Authorities

Water Quality Standards	Permitting (NPDES)
WQ Assessments (305(b) and 303(d))	401 Certifications (Hydro, Dredge & Fill)
Clean Water State Revolving Loan Fund	TMDL Development
Underground Injection Control	Non-Point Source Plans

Monitoring (Surface and Groundwater)
Water Reuse
Biosolids
Drinking Water Source Protection

State Authorities

Permitting (WPCF)	Onsite Septic Systems
Wastewater Operator Certification	Groundwater Quality Management
Division 33 Reviews (water rights applications)	Pesticide Stewardship Partnership
TMDLs : WQMP & Implementation	Onsite Repair/Replace Loans and Grants

Roles and Responsibilities for Clean Water

Department of Environmental Quality



- Adopt standards to protect uses
- Adopt plans to improve quality where standards are not met
- Issue permits (muni, industrial, stormwater, onsite, land application, etc.) to meet technology-based standards, and (where water quality standards are not being met) to meet water quality based standards
- Review and approve plans (forestry, agriculture, counties, districts) to reduce pollution and meet standards
- Monitor status and trends of water quality
- Compliance inspections and enforcement

Department of Agriculture



- Implement Ag WQ Act (1010 rules)
- Implement TMDLs on farm lands
- Regulate pesticide use
- Regulate CAFOs (with DEQ)
- Monitoring, evaluation, compliance and enforcement

Department of Forestry



- Implement Oregon's Forest Practices Act
- Implement TMDLs on forest lands
- Monitoring, evaluation, compliance and enforcement

Watershed Enhancement Board



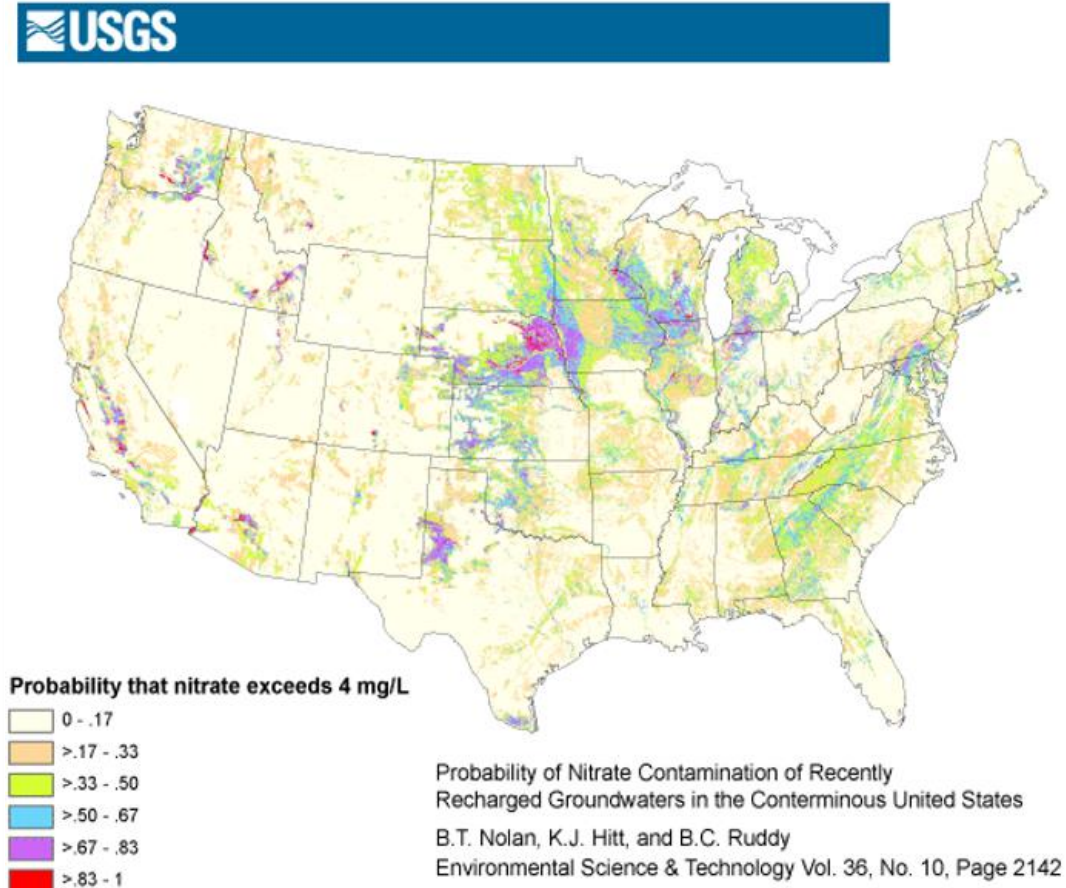
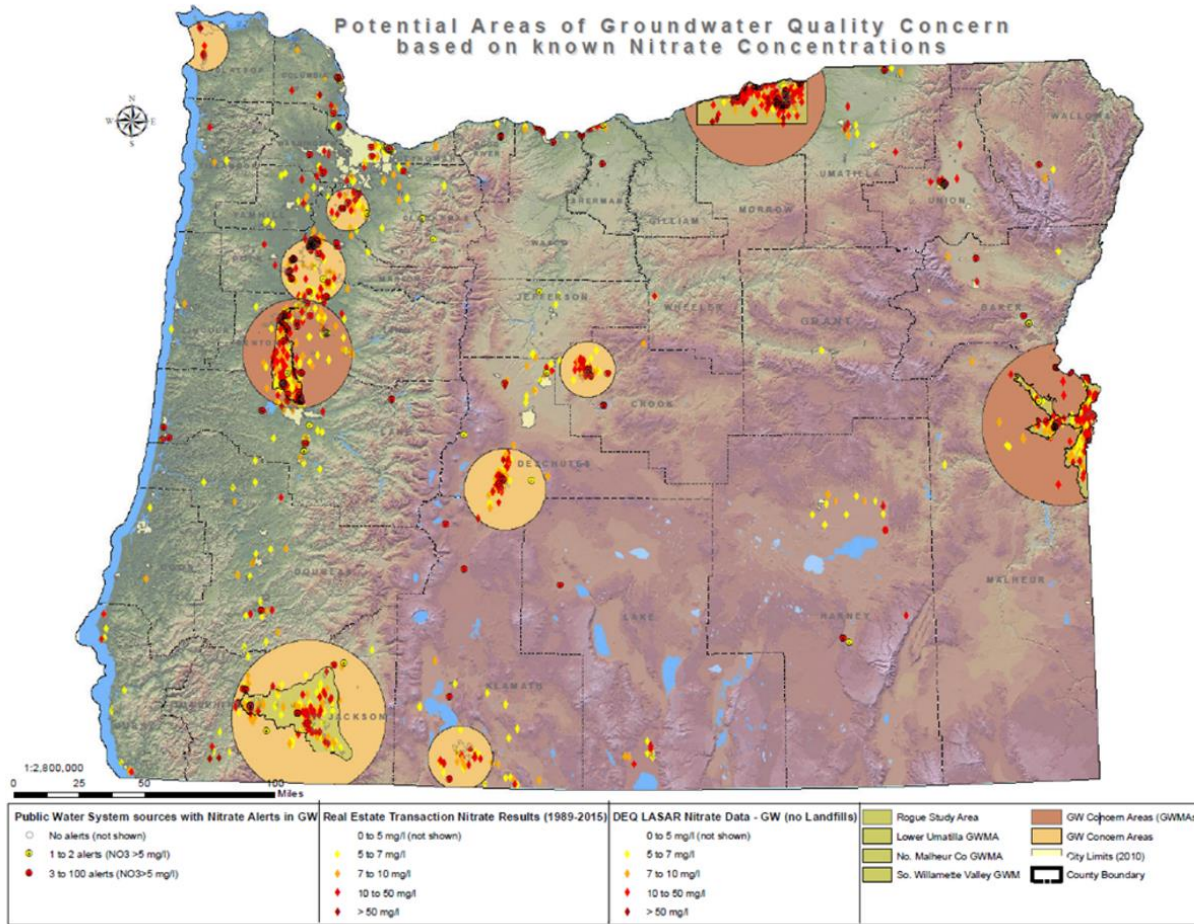
- Invest in watershed restoration and water quality improvement projects
- Convene interagency monitoring efforts and invest in monitoring
- Fund projects and initiatives that address legacy problems ("uplift")

Local Governments



- Municipal wastewater and stormwater management to comply with DEQ-issued permits
- Implement TMDLs on local roads and urban lands
- Help fund watershed restoration projects and steward water resources through local programs and partnerships.
- Local agents for DEQ for on-site (septic) and some stormwater permits

Nitrate in Groundwater, Oregon and Nationally



DEQ Actions in the LUBGWMA

**Groundwater
Quality
Monitoring**



**Groundwater
Trends
Analysis**



**Data Sharing
Platform**



**Wastewater
Permitting &
Enforcement**



**Extensive
coordination with
state, local
agencies,
committee**



**Funding:
Wastewater &
Septic System
Upgrades**



**Goal:
groundwater
nitrate
reduction**

Progress in Key Areas

Economic Development and Healthy Environments

- Faster processing time for key permit modifications
- Securing over \$200 Million in federal funds for Oregon

Customer Service and Efficiency

- Improving customer service for permit holders
- Successfully modernizing permit and information systems

Climate Protection

- Clean Fuels has reduced GHG emissions, created jobs, with little impact on prices
- Climate Protection Program successfully relaunches - with focus on working for Oregon

Thank you

Key Contacts

Leah Feldon, Director

Logan Gilles, Legislative Coordinator

Matt Davis, Policy and External Affairs Manager