

# DEQ Mission



To be a leader in restoring, maintaining and enhancing the quality of Oregon's air, land and water.

# DEQ Vision

(Discussion Draft 4/19/2017)

- We are protecting human health and the environment by controlling air emissions
- We are protecting human health and the environment by controlling water pollution
- We are reducing the environmental impacts of the use of materials and products
- We are cleaning up contaminated properties and returning them to productive use
- We are engaging the public in decision-making by providing clear and accurate information
- We are assisting communities by helping them solve problems in ways that are economically and environmentally sustainable

# DEQ Values

(Discussion Draft 4/19/2017)

- Our strength is our people
- We believe our best work is done through teamwork inside the agency and partnerships externally
- We are strong believers in public service
- We base our work on sound science, integrity and excellence
- We listen to and engage Oregonians in decisions about their environment
- We believe a diverse workforce is a stronger workforce
- We believe that decisions about Oregon's environment should consider effects on communities that may be affected by those decisions, particularly minority, low-income and other traditionally under-represented communities
- We believe that a healthy environment supports a healthy economy

# Key Goal #1

(Discussion Draft 4/19/2017)

**Strengthen and Restore Public Confidence that We Are Identifying and Responding to Significant Threats to Public Health and the Environment**

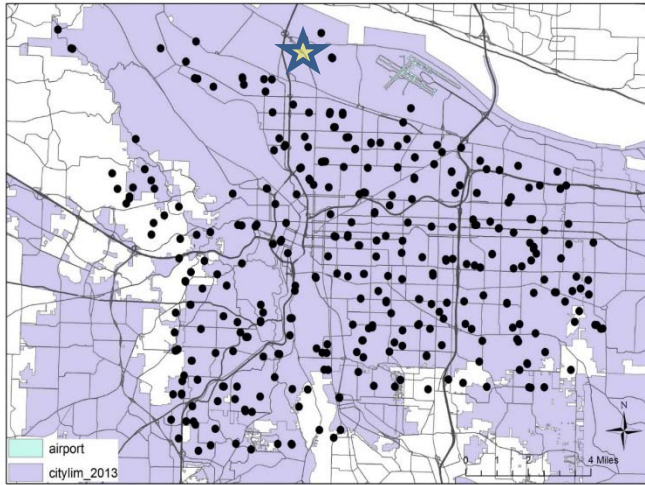
## **Strategies**

- Enhanced monitoring resources
- Complaint response resources
- External Communications/Engagement Plan and Implementation

# Portland moss study and the partnerships

Moss samples = 346 in 2013

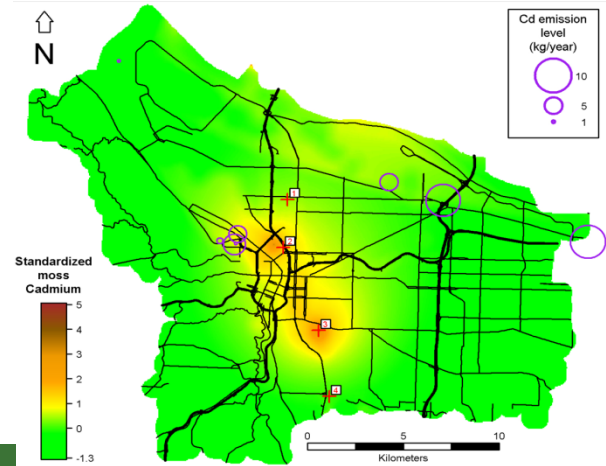
★ Air quality monitor



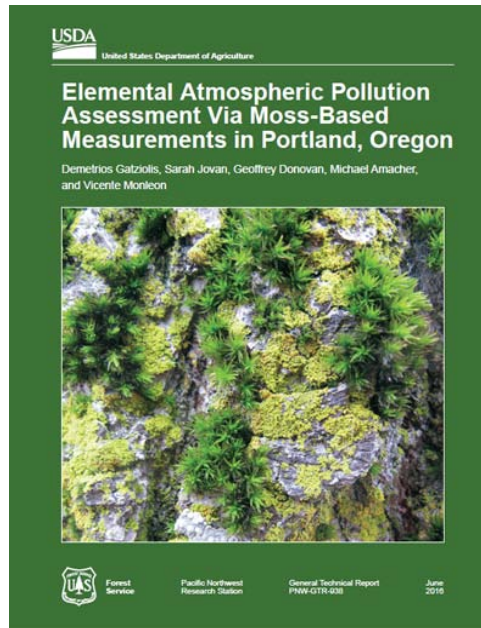
Source: USFS

Initial moss sampling - 2013

### Cadmium Concentrations in Moss



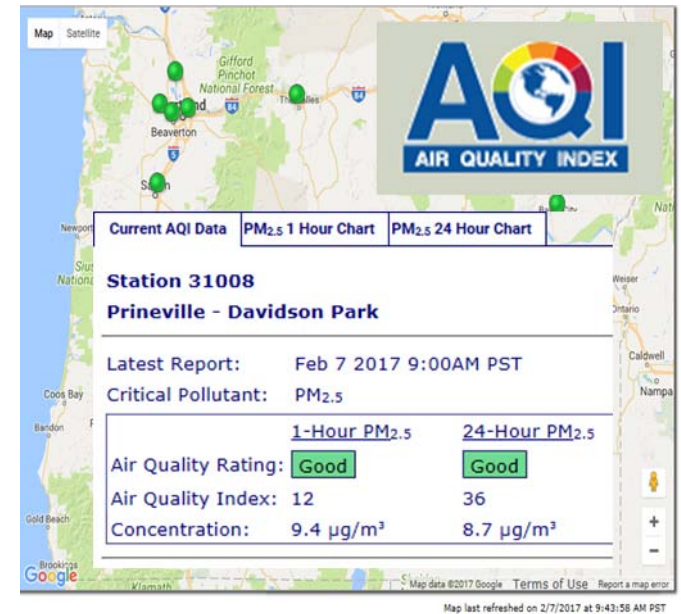
Source: USFS



# From the field to the public

## Communicating DEQ's science

Station	Location Description	Land Use	Water Year Range	OWQI Score	OWQI Status	OWQI Trend and Magnitude	10 Year OWQI Trend - Includes data from 1981-2015	Sub-Index Status and Trend														
								Temp	pH	DO	BOD	TS	N	P	Bact							
<b>COLUMBIA BASIN</b>																						
10616	Columbia R at Marker 47 (us Willamette)	Urban	2006-15	86	Good	NT		↑	↓	↓	↓	↓	↓	↓	↓	↓	↓					
<b>SANDY BASIN</b>																						
10674	Sandy R at Troutdale Bridge	Mixed	2006-15	85	Good	NT		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
<b>LOWER WILLAMETTE BASIN</b>																						
10480	Beaverton Creek at 216th (Orengo)	Urban	2006-15	46	Very Poor	NT		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
11233	Clackamas R at High Rocks	Urban	2006-15	91	Excellent	NT		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
13070	Clackamas R at McIver Park (Upper Boat Ramp)	Mixed	2006-15	93	Excellent	NT		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
14008	Clackamas R at Memaloose Rd	Forest	2006-15	94	Excellent	NT		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
11201	Columbia Slough at Landfill Rd	Urban	2006-15	47	Very Poor	NT		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
10469	Fanno Creek at Bonita Rd (Tigard)	Urban	2006-15	58	Very Poor	↑	3.3		↑	↑	↑	↑	↑	↑	↑	↑	↑					
11321	Johnson Creek at SE 17th Ave. (Portland)	Urban	2006-15	33	Very Poor	↑	1.1		↑	↑	↑	↑	↑	↑	↑	↑	↑					
10801	Swan Island Channel (Willamette R)	Urban	2006-15	73	Poor	NT		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
10456	Tualatin R at Boones Ferry Rd	Urban	2006-15	37	Very Poor	NT		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
10458	Tualatin R at Elsner Rd	Agriculture	2006-15	45	Very Poor	NT		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
10459	Tualatin R at HWY 210 (Scholls)	Agriculture	2006-15	41	Very Poor	NT		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
10461	Tualatin R at Rood Bridge	Agriculture	2006-15	81	Fair	NT		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
10611	Willamette R at Hawthorne Bridge	Urban	2006-15	83	Fair	NT		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
10332	Willamette R at SP&S RR Bridge (Portland)	Urban	2006-15	82	Fair	NT		↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
<b>MIDDLE WILLAMETTE BASIN</b>																						
36875	Luckiamute River at Buena Vista Rd	Agriculture	2012-15	87	Good	NA	Insufficient Data	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑					
10637	Mollala R at Canby	Agriculture	2006-15	88	Good	↑	2.9		↑	↑	↑	↑	↑	↑	↑	↑	↑					



# Key Goal 2

(Discussion Draft 4/19/2017)

## Build DEQ's Organizational Health

### Strategies

- Succession planning
- Workforce diversity
- Develop ways to stabilize funding
- Fund core agency-wide functions differently

# Key Goal #3

(Discussion Draft 4/19/2017)

## **Provide Clarity Externally and Internally for How Decisions are Made at DEQ**

### **Strategies**

- Reorganization of Headquarters – Back to Air, Water and Land Divisions (end of 2017)
- Re-energize DEQ's Leadership Team
- Update relationships between Regions and Headquarters (continuing through 2018)
- Develop and Implement Internal Communications Plan



# Key Goal 4

(Discussion Draft 4/19/2017)

## **Develop/Enhance Systems to Incorporate Environmental Justice into Agency Processes and Decision-Making**

### **Strategies**

- Build expertise and capacity
- Examine best practices from other states and EPA
- Gather input from partners, including EJ Task Force
- Implement on pilot basis beginning in one or two specific programs

# Key Goal 5

(Discussion Draft 4/19/2017)

## Modernize and Improve Business Processes and Data Management (EDMS)

### Strategies

- Begin business process analysis with water permitting program
- Then move to analysis of invoicing and management of accounts receivable
- Acquire off-the-shelf products to the maximum extent practicable, and adapt processes (Lean) as well as products.
- E-reporting/permitting

# Key Goal 6

(Discussion Draft 4/19/2017)

## Return Oregon's Water Quality Program to a Sustainable Foundation

### Strategies

- Address necessary changes to Clean Water Plans (TMDLs), and better integrate standards and permitting
- Develop additional tools for compliance
- Expand technical and financial resources
- Reset expectations for permit issuance (default)
- Process improvements and organizational change



IN THE CIRCUIT COURT OF THE STATE OF OREGON  
FOR THE COUNTY OF MULTNOMAH

NORTHWEST ENVIRONMENTAL  
ADVOCATES, an Oregon non-profit  
corporation, NORTHWEST  
ENVIRONMENTAL DEFENSE CENTER, an  
Oregon non-profit corporation, and BILL  
BAKKE,

Petitioners,

v.

OREGON DEPARTMENT OF  
ENVIRONMENTAL QUALITY, an agency of  
the State of Oregon, and RICHARD  
WHITMAN, in his official capacity as the  
Director of Oregon Department of  
Environmental Quality,

Respondents.

Case No.

PETITION FOR JUDICIAL REVIEW

(Oregon Administrative Procedures Act,  
ORS 183.490)

Fees: ORS 21.135(2)(a)

**NOT SUBJECT TO MANDATORY  
ARBITRATION**

Petitioners allege as follows:

1.

# Water Quality

Ensure Oregon's waters are drinkable,  
fishable and swimmable



# Key Goal #7

(Discussion Draft 4/19/2017)

## Identify and Control Localized Effects of Air Toxics Emissions (Cleaner Air Oregon)

### Strategies

- Emissions Inventory
- Develop health risk-based standards
- Develop systems for evaluating facilities and permits
- Implement and adjust program over time, beginning with the highest priority areas/sites

# **Key Goal #8**

(Discussion Draft 4/19/2017)

**Reduce Diesel Emissions and Help Oregon Get Back on Track for Meeting its Existing GHG Reduction Goals**

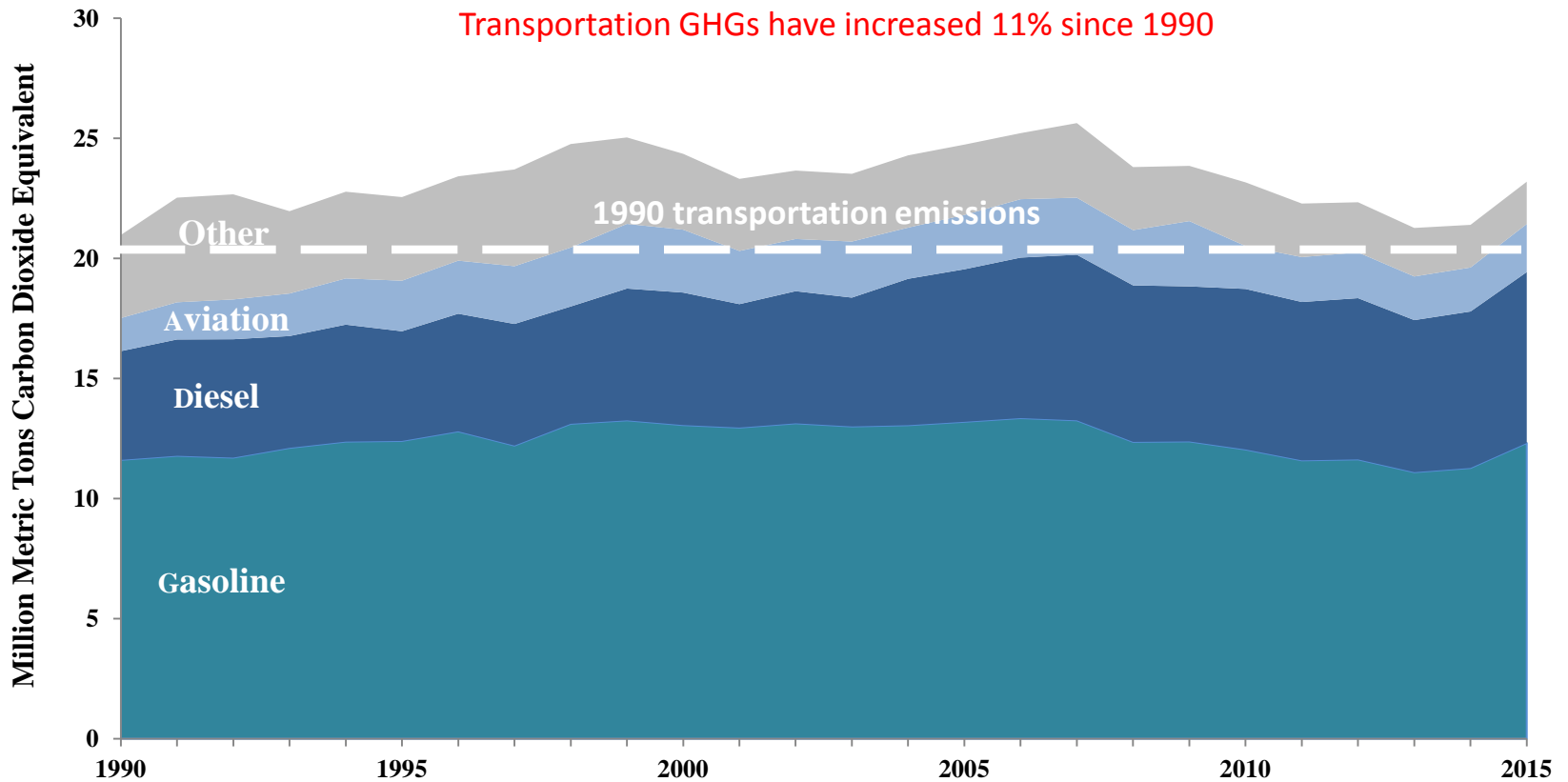
## **Strategies**

- **Implement VW Settlement**
- **Implement Clean Fuels Program**
- **Work with Partners to Accelerate Turnover of Diesel Fleets**

# Oregon Greenhouse Gas Trends

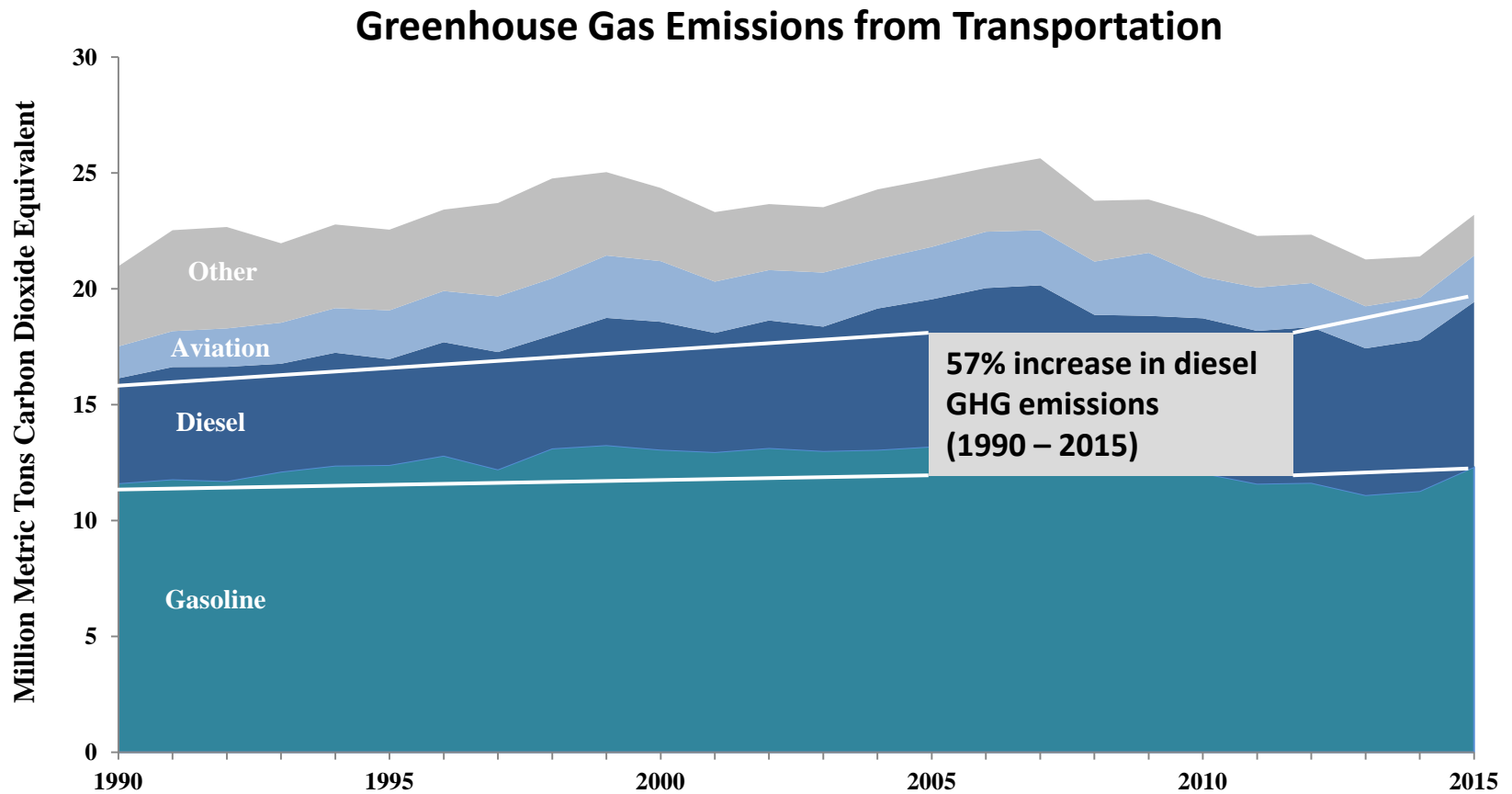
## Greenhouse Gas Emissions from Transportation

Transportation GHGs have increased 11% since 1990





# Oregon Greenhouse Gas Trends



# Measures and Outcomes

(Discussion Draft 4/19/2017)

- **Continue/Update DEQ's Outcome-based management system**
- **Update KPMs to align with Key Goals and OBM**
- **Involve EQC in Quarterly Management Reports**