



ODOT Stormwater Program

Transparency is the Key

ACWA Conference

Eugene

May 5, 2010

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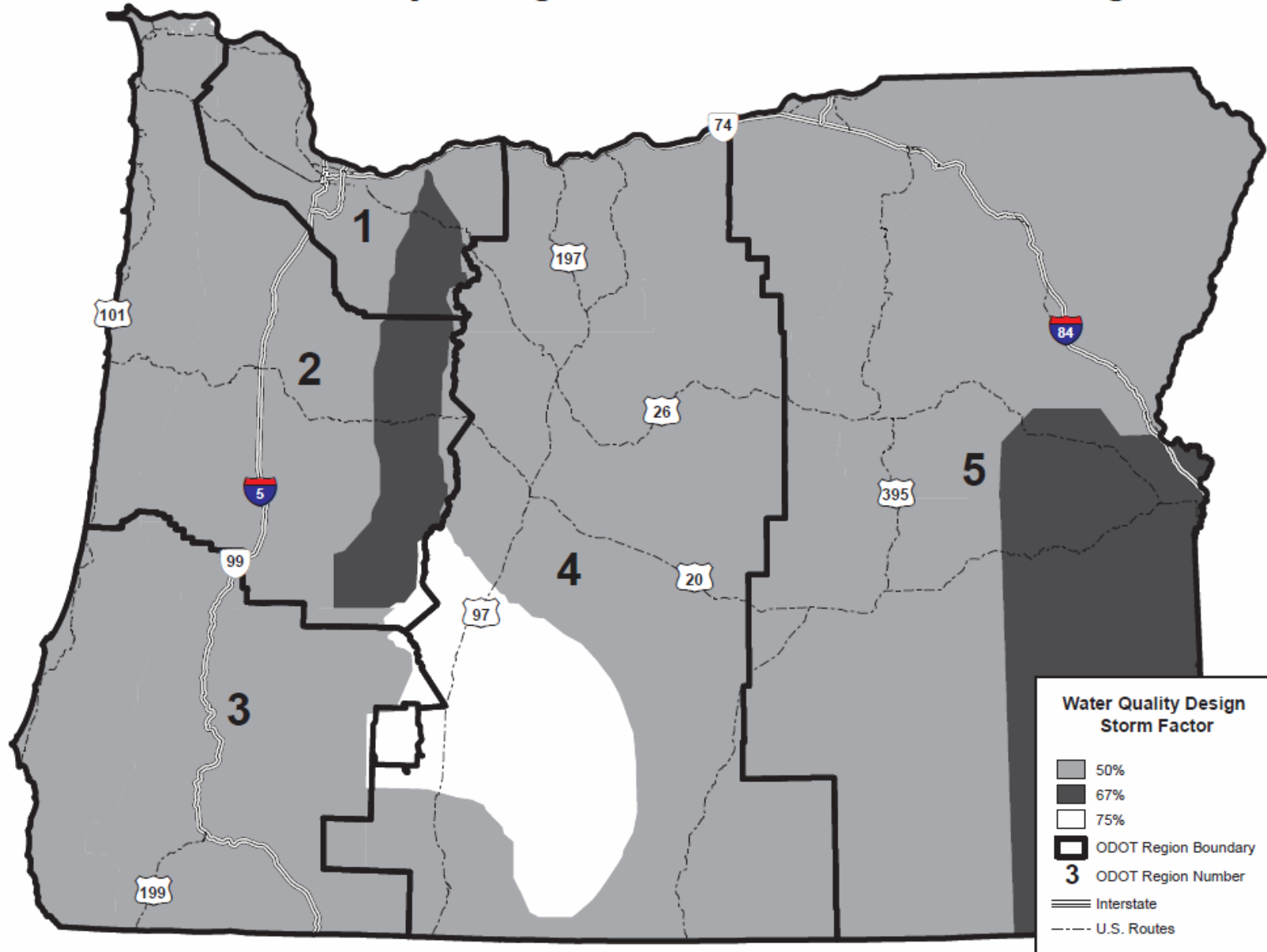


Outline

- Overview
- NEDC Settlement
- Integrated Permitting Approach
- Summary
- Q & A



Water Quality Design Storm Factor – Climate Regions





Overview – ODOT System

- 7,500 Miles of Road
- Over 4,000 Miles of Ditches
- 105 Maintenance Yards
- 9 types of WQ facilities
- 188 WQ facilities
- 1,349 STIP Projects (2008-11)





NEDC

- Northwest Environmental Defense Council (NEDC)
- Intent to Sue
 - January 14, 2009





NEDC Settlement Agreement

- No lawsuit was filed
- No significant issues
- Transparency!
 - Project Delivery and Operations
 - New Website





NEDC Settlement Agreement

- Information for NEDC
 - Ditch Inspection
 - Monitoring
 - Outfall Inventory
 - Long-Term Retrofit Strategy
 - Stormwater Management Plan





NEDC Settlement Agreement

- Website
 - Project Development
 - Construction
 - Maintenance Operations
 - Monitoring & Research
 - Training
 - Etc (17 links total)



[http://www.oregon.gov/ODOT/HWY/GEOENVIRONMENTAL/
storm_management_program.shtml](http://www.oregon.gov/ODOT/HWY/GEOENVIRONMENTAL/storm_management_program.shtml)



NEDC Settlement Agreement

- Ditch Inspection
 - Formalize Program
 - Activity Reports
 - Illicit Discharge Reporting





NEDC Settlement Agreement

- Monitoring
 - Sampling
 - Stormwater Effects Analysis
 - Reporting





NEDC Settlement Agreement

- Outfall Inventory
 - Portland, Eugene, and Medford Metro Areas
 - All Phase I/II communities





NEDC Settlement Agreement

- Long-Term Retrofit Strategy
 - Retrofit Prioritization Plan
 - FY 2011-2014
 - \$2.1 million per year.
 - Over 5 years.
 - Baldock Maintenance Yard
 - 1st Retrofit Project
 - Coop with the City of Portland.





NEDC Settlement Agreement

- Stormwater Management Plan
 - Amend: include conditions of agreement
 - Report SWMP on Website
 - Single ODOT person responsible for MS4





Summary

- Transparency
 - Documentation and Public Access
- Information for NEDC
 - Ditch Inspection
 - Monitoring
 - Outfall Inventory
 - Long-Term Retrofit Strategy
 - Stormwater Management Plan



Integrated Permitting Approach

- MS4
- Statewide water quality plan
- Separate Permits
- Gaps





MS4

- Statewide System management
- Allocate resources appropriately
- Multiple permits into statewide plan

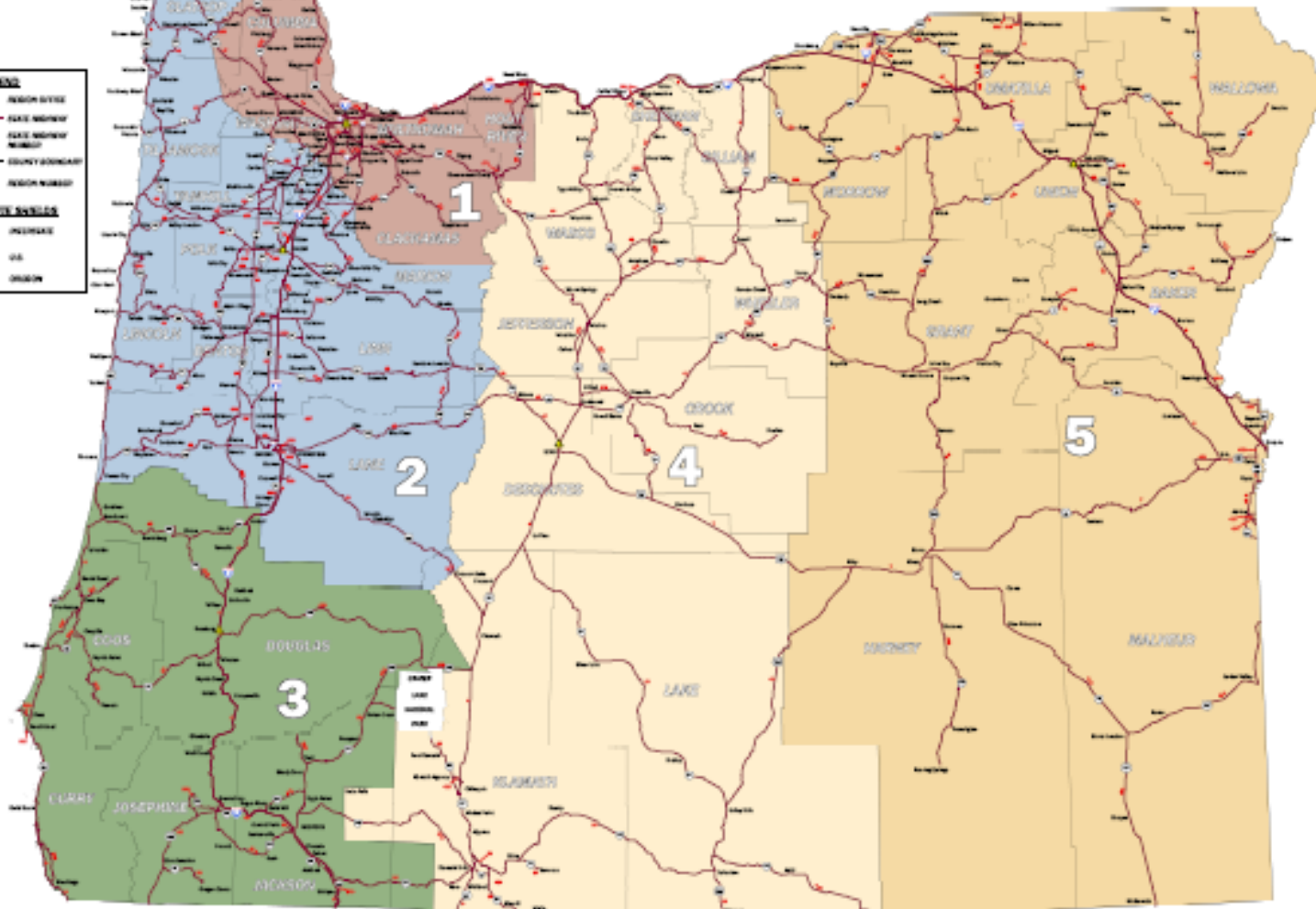




OREGON DEPARTMENT OF TRANSPORTATION REGION MAP



- LEGEND**
- REGION BOUNDARY
 - STATE HIGHWAY
 - STATE HIGHWAY NUMBER
 - COUNTY BOUNDARY
 - REGION NUMBER
 - STATE ROUTES**
 - INTERSTATE
 - US
 - ORIGIN





Statewide Water Quality Plan

- Integrated approach-
 - Outcome based
 - Collaborative
- Overlapping regulations
- Construction and maintenance practices
- Long-term management
- Inventory, monitoring, reporting



Oregon Department of Transportation

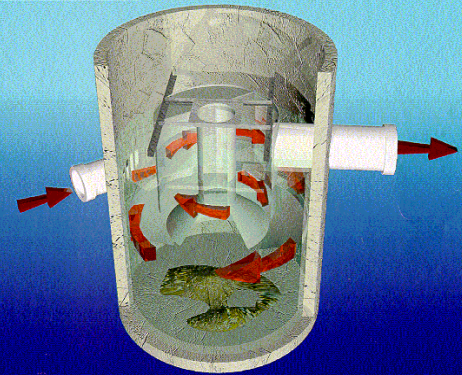




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Stormwater





Separate Permits

- UIC application
- MS4 (lump 1200-CA)
- 401 Certifications
- TMDL Plan
- Same best practices





Program Gaps

- Uncertainty
- Intent vs. letter of law
- Strategic monitoring, characterization
- Annual report on program to cover all permits



Summary

- ODOT Statewide water quality plan
- Inventory statewide, maintain via project delivery
- Transparent processes, deliverables
- Integrated permit approach- outcome based





Questions

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