



# What's Ahead for DEQ's Stormwater Programs

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*ACWA Stormwater Summit*

**May 9, 2012**



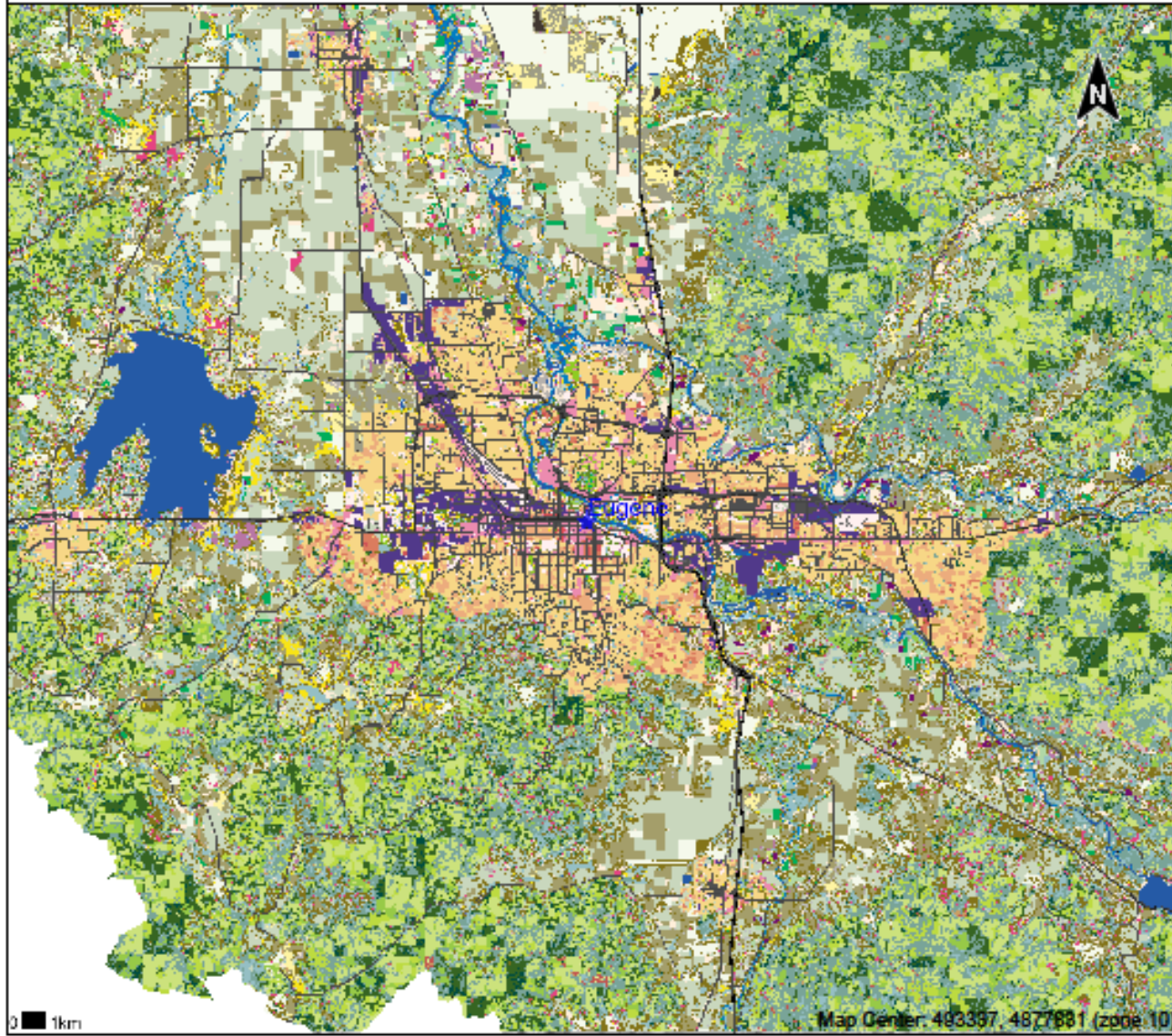
## Stormwater Key Driver in Protecting Water Quality



- Address pollutants that cause sub-lethal effects
  - Address pollutants such as pesticides, hydrocarbons, metals and sediment that degrade water quality and habitats.
- Target more natural flow regimes
  - More emphasis on onsite control rather than discharging to rivers and streams.
- Monitor to document program effectiveness.
  - Ambient, BMP, program

## Eugene Planned Trend 2050 (2)

## Legend



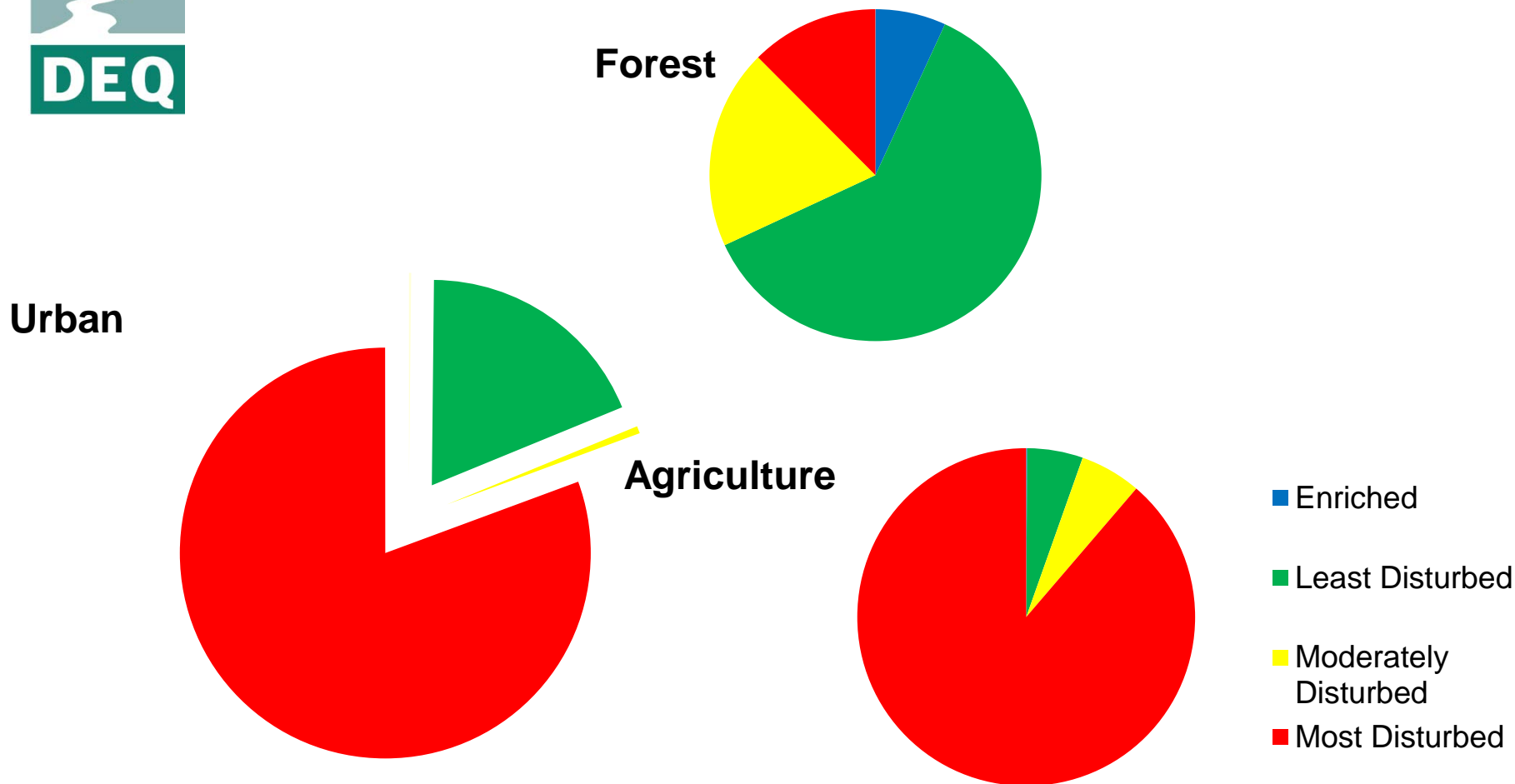
- Major Roads
- Planned Trend 2050
- 1 Residential 2 - 4 BU/ha
- 2 Residential 4 - 8 BU/ha
- 3 Residential 8 - 16 BU/ha
- 4 Residential greater than 16 BU/ha
- 5 Commercial
- 6 Commercial/Industrial
- 7 Industrial
- 8 Residential use Commercial
- 9 Urban non-vegetated unknown
- 10 Rural unknown
- 11 Railroad
- 12 Primary roads
- 13 Secondary roads
- 14 Light duty roads
- 15 Rural non-segregated unknown
- 16 Main street non-segregated
- 17 Recreation 8 - 7
- 18 Recreational trails/walk
- 19 Topographic shadow
- 20 River
- 21 Marine
- 22 Urban tree canopy
- 23 Upland forest open
- 24 Upland forest semi-closed mixed
- 25 Forest closed hardwood
- 26 Forest closed mixed
- 27 Upland forest semi-closed conifer
- 28 Conifers 0 - 20 yrs
- 29 Forest closed conifer 21 - 40 yrs
- 30 Forest closed conifer 41 - 60 yrs
- 31 Forest closed conifer 61 - 80 yrs
- 32 Forest closed conifer 81 - 200 yrs
- 33 Upland forest semi-closed hardwood
- 34 Upland forest semi-closed hardwood
- 35 Horti. pecker
- 36 Grass seed re/tilde
- 37 Irrigated annual rotation
- 38 Prairie, Seasonally Wet
- 39 Grass
- 40 Nursery
- 41 Grass and vineyard
- 42 Double-cropping
- 43 Hop
- 44 Herb
- 45 Walrus seed
- 46 Sugar beets/seed
- 47 Row crop
- 48 Grass
- 49 Barred grass
- 50 Field crop
- 51 Hayfield

Scale: 1:250,000

DO NOT USE FOR NAVIGATION

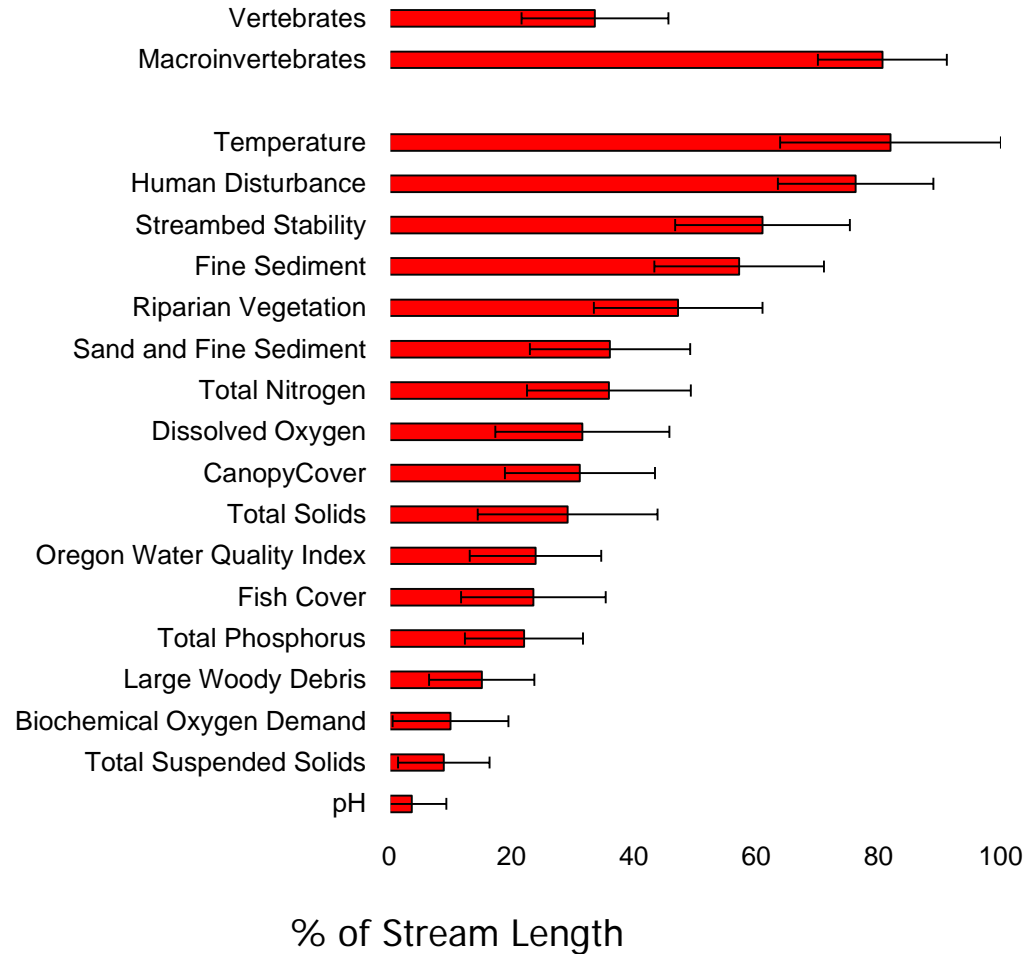


## Basin Land Use: Biological Condition



Source: Willamette Basin River and Streams Assessment  
<http://www.deq.state.or.us/lab/wqm/assessment.htm>

## Urban Impairment





# **Goals:**

**Clear expectations**

**Consistent implementation**

**Environmental outcomes**



# Program Priorities for 2012

- **Municipal Permits**
  - Completing the re-issuance of Phase I permits
  - Working with local communities on upcoming renewal of Phase II permits
  - Participating in EPA national enforcement initiative
- **Industrial Permits**
  - Implementing new 1200-Z and 1200-COLS Permits
  - Renewing 1200-A permit for Gravel Mining
- **Construction Permit**
  - Reducing dual regulation



## MS4 Permit

- **Restructuring Permits**
  - Implementable and enforceable
  - Aligning requirements with Phase II six minimum measures
- **Clarifying Expectations**
  - Defining performance standards
  - Clarifying steps to achieve TMDL stormwater reduction targets
- **Incorporating Measurable Goals**







## Industrial Stormwater Permits

- DEQ issued new 1200-Z and 120-COLS permits on Oct. 1, 2011
- Major Changes
  - Lower metals benchmarks (1200-Z)
  - Facilities discharging to impaired waterbody on 303(d) list must monitor impairment pollutants
  - Tiered corrective actions-treatment BMPs if consistently exceed benchmarks





## Construction Stormwater Permits

- 1200-CN Permit
  - Reduce dual regulation
    - Apply for local permits only
    - Automatically covered under state 1200-CN Permit. Must meet certain performance requirements in permit.
  - Applies to projects that disturb less than 5 acres
  - DEQ retains enforcement authority





## Stormwater Program Challenges

- Increasing list of impaired waters
  - EPA actions
  - Oregon 2012
- More complicated permits
  - Performance and compliance measures
- More activities falling within program
- More communities within MS4 program
- Budget and staffing resources



## Program Opportunities

- Local jurisdictions implement permits on DEQ's behalf
  - Agents process applications, review plans, conduct inspections, provide technical assistance to local operators and document violations
- Basin Approach
  - Collaboration among stakeholders
- Integrated Planning Process
  - Municipal wastewater and stormwater
  - Prioritize actions to achieve regulatory objectives



**Thank You**

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