

Water Quality Conference

Science ~ Law ~ Permitting ~ Public Policy

Strategies to Protect Clean Water

Civil and Criminal Enforcement & Third Party Litigation

NPDES Stormwater Permit Updates

Source Evaluation & Control

Treatment and Best Management Practices

Water Quality Standards

Determining Toxicity Using the Biotic Ligand Model

Pesticides, Copper, Ammonia, Arsenic, Selenium

And More

April 11, 2014

World Trade Center Two

Portland Oregon

8:30-9:00 Registration & Continental Breakfast

9:00 Welcome, Introductions and Program Overview

Holly Duncan

Environmental Law Education Center

BIG PICTURE ISSUES AND THE ROAD AHEAD

9:00-9:30 What Are the Biggest Threats to Clean Water in Oregon?

- Regulatory, Technical, Legal and Practical Strategies to Protect Water Quality
- Searching for New Solutions

Ken Williamson, PhD

Regulatory Affairs Department Director, Clean Water Services

Emeritus Professor, School of Chemical, Biological & Environmental Engineering

Oregon State University

9:30-10:00 The Road Ahead – Protecting Water Quality

- Regulatory Programs, Policies and Priorities for Protecting Water Quality in Oregon
- DEQ Reorganization: What Does It Mean for Water Policy and Regulation?

Jennifer Wigal

Water Quality Program Manager

Oregon Department of Environmental Quality

10:00-10:30 Integrated Water Management - One Water Paradigm

- A Retrospection and Trajectory for the Future to the One Water Paradigm
- Integrated Urban Water Management: Stormwater, Wastewater & Drinking Water

Diane Taniguchi-Dennis

Deputy General Manager

Clean Water Services

10:30-11:00 Break

ENFORCEMENT AND LITIGATION

11:00-12:00 Protecting Water Quality through Enforcement and Third Party Litigation

- Are Civil and Criminal Enforcement Actions Successful in Achieving Compliance?
- What Are Effective Strategies to Defend and Resolve Enforcement Actions?
- Is Third Party Litigation an Effective Tool for Clean Water Act Violations?

PRESENTATIONS AND PANEL DISCUSSION:

Leah Feldon, Compliance and Enforcement Manager

Oregon Department of Environmental Quality

Allison LaPlante, Staff Attorney and Clinical Professor

Earthrise Law Center, Lewis & Clark Law School

Chris Rich, Perkins Coie LLP

Laura Maffei, Cable Huston LLP

12:00-1:00 LUNCH (Provided)

STORMWATER PERMITTING & SOURCE CONTROL

1:00-1:30 Stormwater Management and Permitting – Latest Developments

- NPDES Stormwater Permit Updates and Priorities
- Addressing Tier II Corrective Action & Required Stormwater Discharge Monitoring
- Developing General Permit for Phase II Small Municipalities

Erich Brandstetter, PhD
Stormwater Program Coordinator
Oregon Department of Environmental Quality

1:30-2:00 Source Evaluation and Control: An Integrated Approach to Controlling Contaminants in Stormwater

- Evaluating an Entire Range of Contaminant Pathways and Reducing Contaminant Sources
- Controlling Stormwater Sources: Selecting Effective Options and Measuring Effectiveness

***Warren Hansen**, PE
Windward Environmental LLC

2:00-2:30 Source Control and Treatment Options: Strategies to Reduce Contaminants in Stormwater

- Steps to Achieve Compliance with Benchmarks
- Case studies: Using Source Control and Treatment Best Management Practices

***Ayn Generes**, PE, CPSWQ
Regional Stormwater Program Manager
Sound Earth Strategies, Inc.

2:30-3:00 Break

HOT TOPICS: STANDARDS, PESTICIDES, AMMONIA, METALS, COPPER AND THE BIOTIC LIGAND MODEL

3:00-3:30 Water Quality Standards for Toxic Pollutants – Latest developments

- Updates: Pesticides, Selenium, Ammonia, Copper, Aluminum and Cadmium and More
- EPA's Latest Ammonia Criteria vs Oregon's Current Criteria
- Developing Copper Criteria Using EPA's Biotic Ligand Model

***Andrea Matzke**, Water Quality Standards Specialist
Oregon Department of Environmental Quality

3:30-4:00 Legal Developments and Primary Implementation Issues for Water Quality Standards

- The Endangered Species Act's Increasing Role in Establishing Water Quality Standards
- Legal Issues Associated with the Copper Biotic Ligand Model
- Establishing Standards for Naturally Occurring Pollutants

Michael Campbell
Stoel Rives LLP

4:00-4:30 New Methods for Developing Water Quality Criteria

- The Scientific Basis of the Biotic Ligand Model
- Alternatives for Application of the Biotic Ligand Model
- Successful Case studies

****Robert Gensemer, PhD & Carrie Claytor***

GEI Consultants, Inc.