

difficulty meeting the standards for disinfection by-products. In the DEQ rules, where communities cannot feasibly meet the revised water quality standards, compliance options include:

1. Improve data collection, institute a pretreatment program, or improve mixing to prevent Reasonable Potential to exceed water quality standards,
2. Agree to a compliance schedule to improve or revise wastewater treatment technology,
3. Use an intake credit
4. Consider development of a site-specific criteria
5. Receive a variance from meeting the standard
6. Complete a Use Attainability Analysis to revise the listed uses of the receiving stream



Workshop Details

This is a two part workshop. Participants will gather information and permitting tools in the first workshop, apply that information on the specific fact set of their treatment plant, and return to the second workshop with that additional information to develop a specific compliance strategy and path forward for their utility.

Part A Workshop – January 10, 2012

Part A will provide an overview of the revised water quality standards, how they relate to wastewater treatment and effluent quality, and the permitting process. This part of the workshop will also outline the data needed and analysis required to determine if water quality-based effluent limits might be required. The focus of the workshop will be understanding the DEQ **Reasonable Potential Analysis** spreadsheet tool, and considering options within each municipality to modify or change practices to avoid exceeding the water quality standards.

The DEQ **Reasonable Potential Analysis** spreadsheet tool is a series of **Excel** spread sheets programmed to perform the necessary calculations. Participants in the Part A workshop will benefit from having a laptop computer at the session to use the spreadsheet tools and to have questions about using the tool answered first hand.

More details on the DEQ Reasonable Potential Analysis calculations are included in the DEQ guidance on calculating RPA available on the DEQ web site at <http://www.deq.state.or.us/wq/pubs/imds/rpalMD.pdf>

Part B Workshop – February 21, 2012

The Part B workshop will be designed for municipalities and districts to use the information and analysis from the Part A workshop to consider the best compliance tool for their community's fact set, and to chart a path forward and time frame specific to their community. Action items for a community -- based on the information analysis for their fact set -- might include an accelerated monitoring program and schedule for data and information gathering, updated mixing zone analysis, focused improvements to industrial pretreatment programs, instituting general pollution prevention programs, evaluating the use of background pollutant allowance or intake credits, improving wastewater treatment technology, working with DEQ to develop a site specific criteria, preparing a variance application, or completing a Use Attainability Analysis.

A detailed agenda for the Part B workshop will be developed using information gathered at the Part A workshop.

Registration Details

Both workshops will start at 9:00 am at the Kroc Community Center, 1865 Bill Frey Drive, Salem, OR 97301. Registration and coffee/tea will be available at 8:30 am. Driving directions are available at <http://salemkroc.org/directions>. Generally, exit I-5 at exit #258 and head towards downtown Salem on Portland Road. Take Bill Frey Drive to the right, over the railroad tracks into the parking lot.

Registration for both workshops is \$240 for ACWA members; \$300 for non-ACWA members. This registration fee is for both Part A and Part B workshops. Registration for a single day is \$150 for ACWA members and \$175 for non-ACWA members.

Registration includes continental breakfast, lunch, and afternoon snack. The registration deadline is January 4, 2012. After the deadline, registration fees increase to \$290 for ACWA members and \$350 for non-ACWA members. No refunds after the registration deadline; substitutions gladly.

Oregon wastewater CEU credit has been requested for the workshop.

Draft Agenda - Part A Workshop, January 10, 2012

8:30 am	REGISTRATION
9:00 am	Overview of workshops – Part A and Part B ~ Janet Gillaspie, ACWA
9:05 am	Start With The End In Mind – likely impacts of revised water quality standards on Oregon Municipal NPDES permit holders ~ Peter Ruffier, Clean Water Services
9:35 am	DEQ Implementation Plans and Data Gathering Requirements ~ Neil Mullane, Oregon DEQ
10:40 am	B R E A K
10:45 am	Find The Ladders/Avoid The Chutes Completing a Reasonable Potential Analysis to Determine if Toxic Water Quality Standards Might be Exceeded ~ Bob Baumgartner, Clean Water Services ~ Walt Meyer, West Yost & Associates
11:45 am	Data Quality Matters... ~ Greg Pettit, Oregon DEQ
12:00 pm	L U N C H
12:45 pm	Concurrent workshops <ol style="list-style-type: none"> 1. Data and Data Quality Issues – ultra clean sampling, data quality requirements, available labs and costs ~ Chuck Lytle, City of Portland Bureau of Environmental Services 2. Running the RPA Spreadsheet – using the DEQ tools to determine if 'reasonable potential' exists for exceeding water quality standards ~ Spencer Bohaboy, Oregon DEQ ~ Raj Kapur, Clean Water Services 3. Effective Pretreatment Programs to reduce effluent metal concentrations ~ Curtis Barton, Clackamas County Water Environment Services 4. Examining Mixing Zones and considering updates ~ Steve Schnurbusch, Oregon DEQ

1:45 pm	B R E A K
2:00 pm	Repeat Concurrent Workshops
2:45 pm	T R A N S I T I O N T I M E
3:00 pm	What Next – An Overview of Compliance Tools & Likely Matches... Compliance options include: <ul style="list-style-type: none"> • Improve data collection, institute a pretreatment program, or improve mixing to prevent Reasonable Potential • Agree to a compliance schedule to improve or revise wastewater treatment technology • Use an intake credit • Consider development of a site specific criteria • Receive a variance from meeting the standard • Complete a Use Attainability Analysis to revise the listed uses of the receiving stream ~ Neil Mullane, Oregon DEQ ~ Peter Ruffier, Clean Water Services ~ Dave Kliewer, City of Portland Bureau of Environmental Services <i>Audience Discussion/Questions and Answers</i>
3:45 pm	Crafting the Part B Workshop Agenda ~ Janet Gillaspie, ACWA
4:00 pm	A D J O U R N

Part B Agenda will be crafted based on input from the participants.

Questions? If you have questions, please contact Janet Gillaspie, ACWA Executive Director, in Portland by phone at 503.236-6722 or by e-mail at gillaspie@oracwa.org.



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