

2013 Water Reuse Conference
May 15 and 16, 2013 – Boise, Idaho

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Session Title: DEQ Reuse Toolbox

Abstract:

Due to the variety and complexity of recycled water facilities throughout Idaho, DEQ has developed a number of tools to assist facilities, operators, consultants and regulatory staff with water reuse permitting and compliance functions. These tools are collectively housed in DEQ's Reuse Toolbox – a compendium of guidance and models available to assist in the analysis of proposed and on-going recycled water activities. This presentation will cover the various tools available through DEQ and discuss recent updates to the Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater in Idaho.

Professional Background:

Chas is a Licensed Environmental Engineer with over 30 years of professional experience in multimedia environmental science and engineering. He returned to DEQ in 2012 to serve as the Statewide Wastewater Engineering Program Manager. Chas was formerly the Engineering Manager for DEQ's Boise Regional Office from 2000-2006. The balance of his career has been serving various positions with the USEPA Environmental Research Laboratory in Corvallis, Oregon, the Idaho National Engineering Laboratory in Idaho Falls, and working as a private engineering consultant.

His academic background includes undergraduate degrees in Agriculture, Systems Ecology, Forest Biology, and Environmental Science and Forestry through the State University of New York system and Syracuse University. He also holds a Master of Engineering degree in Civil and Environmental Engineering from Utah State University, served as a Graduate Research Fellow at the University of Idaho Institute for Resource Management, and has an Executive MBA from the Boise State University Center for Management Development.

Chas has been involved with a variety of municipal and industrial recycled water projects throughout Idaho over the past 12 years and is pleased to take the leadership role in this discipline for DEQ on a statewide basis.