

Session Agenda

Start Time	Duration (mins)	Item	Speaker
1:00 PM	0:04:00	Opening Instructions/Housekeeping	Jean Balent
1:04 PM	0:05:00	Welcome and Introduction	James Rice, ICF
1:09 PM	0:17:00	Toxicity assessments	Ned Black, EPA Region 9
1:26 PM	0:05:00	Q&A	James Rice, ICF and Ned Black, EPA Region 9
1:31 PM	0:17:00	Ecological considerations, especially bioaccumulation	Lawrence Burkhard, EPA ORD
1:48 PM	0:05:00	Q&A	James Rice, ICF and Lawrence Burkhard, EPA ORD
1:53 PM	0:18:00	Benchmarks use in screening and updates on gaps and recent advances	Sharon Thoms, EPA Region 4
2:11 PM	0:05:00	Q&A	James Rice, ICF and Sharon Thoms, EPA Region 4
2:16 PM	0:05:00	Q&A	All
2:21 PM	0:02:00	Closing Instructions	Jean Balent
2:23 PM		Webinar End	Jean Balent



Clean-Up Information

Contaminated Site

Welcome to the CLU-IN Internet Seminar

Contaminated Sediments Virtual Workshop Session 2 – Risk Assessment

Sponsored by: US EPA Office of Research and Development (ORD)'s Office of Science Policy

Delivered: October 30, 2019, 1:00 PM - 2:30 PM, EDT (17:00-18:30 GMT)

Instructors:

- Ned Black, US EPA Region 9
- Sharon Thoms, US EPA Region 4
- Lawrence Burkhard, US EPA Office of Research and Development

Moderator:

- James Rice, ICF
- Jean M Balent, US EPA Office of Superfund Remediation and Technology Innovation

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Seminar Homepage



CLU-IN | Training & Events | [Passive Treatment of Mining-Influenced Water: From Bench Scale to O&M](#)

Passive Treatment of Mining-Influenced Water: From Bench Scale to O&M

Sponsored by: *U.S. EPA Technology Innovation and Field Services Division*

Live Webinar: Monday, November 14, 2016, 1:00 PM-3:00 PM EST (18:00-20:00 GMT)

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Passive treatment refers to processes that do not require frequent human intervention, operation, or maintenance, and typically employ natural construction materials, natural treatment media, and promote the growth of natural vegetation. Biochemical reactors (BCRs) are a type of passive treatment system that uses microorganisms to remove contaminants from mining-influenced water (MIW). BCRs and other passive systems are effective and lower-maintenance treatment options for mine site cleanups. They provide opportunities to reduce the environmental footprint associated with treatment of MIW.

In recent years, development and implementation of passive systems has increased. However, there's still plenty to learn about their effectiveness. Pilot studies are good ways to study passive treatment and their application scenarios. In this webinar, two case studies will be presented that document design and implementation of BCRs to passively treat MIW – from bench-scale tests to full-scale operation and maintenance, including recovery of iron oxide byproducts for sale.

Case Study 1: Passive Treatment of Metal Mine Drainage at an Abandoned Mine near Lake Shasta



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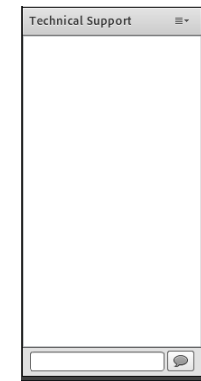
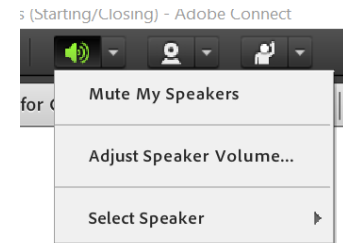
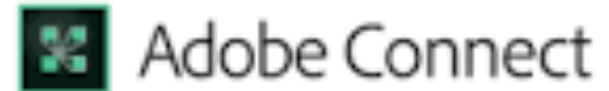
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this is presented to

Jean Balent

for participation in the CLU-IN session
Estimating Environmental Footprints Using SEFA (Spreadsheets for
Environmental Footprint Analysis)

Sponsored by: EPA Technology Innovation and Field Services Division
Delivered: October 28, 2014 2 Hours
Certificate generated on February 10, 2015

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