



Awwa
Research
Foundation

Bench-Scale Studies

Awwa Research Foundation

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Mission: Advancing the science of water to improve the quality of life

- Centralized research program for the water supply industry
- >1,000 subscribers
- 90% North America
- 70% of publicly supplied water

AwwaRF long history of arsenic research

- 31 projects (first As project funded in 1993)
- \$7 million (\$10 million value)
- Arsenic Research Partnership with EPA and ACWA



Objectives of Bench-Scale Studies

- Reduce cost, improve operations, minimize residuals, reduce energy consumption
- Investigate
 - new/innovative technologies
 - modifications to existing treatment
 - other (monitoring or management technologies)



Further evaluation

- Economic analysis (WEREC)
- Feasible technologies will be evaluated in demonstration projects (Sandia)
- Design contest (WEREC)

Process

- Identify specific and/or general topics
 - 6-8 projects (Average \$200-250)
- Open and competitive process
 - Solicit proposals
 - 25% in-kind contractor match
 - Review and selection by PAC
- Progress reports/ Final reports

How workshop results will be used?

- Setting the research agenda
 - Used by TRC
- Topics and/or specific projects
 - Topics, general solicitations
 - Specific, address narrow issue
- More details the better
 - Objective, research approach
 - Approx. budget