



Sandia National Laboratories' Rural Arsenic Outreach

**Scientists, Engineers and Funding Experts to help
your small community through the process of
meeting the new Arsenic drinking water standard.**

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Sandia Rural As Outreach FAQs

- “What does ppb mean anyway?” “Where does the arsenic come from?”
- “Is my neighbor’s well contaminated too?” “Why can’t my water softener fix it?”
- “How do I know if I even have a problem?” “Who pays - and *how*?”
- “All that paperwork?!” “How long do I *really* have to fix it?” “Can’t the state fix it?”
- “Why can’t I just go buy something off the shelf that makes the problem go away?”
- “What is the best equipment I can buy now.” “Will it still be the best in ten years?”
- “Where/how do I start?”**



Sandia's Services Include

Free water analyses

- Caution: Not for Regulatory Applications (Only NMED can do that)
- Provide missing data needed for “system design”
- Evaluate possible new sources of lower As water

Counseling on the strengths *and weakness* of various treatment systems

- Help with the various computerized technology selection tools.
- Help in applying various computerized cost estimation tools.
- Access to tabulations of vendor performance and cost estimates.
- Program coordinated with input from “real” engineers and regulators.

Help in assessing a community funding options

- Needs-specific group meetings to bring community leaders “face to face” with “real people” from potential funding agencies.

Act as a clearing house for what to pass along lessons being learned as individual communities progress toward achieving compliance

- We will bring you the lessons learned from other Arsenic Programs, local and nation-wide!
- It is unnecessary for each community to develop its own unique solution!



Sandia Rural As Outreach So Far

- **Site Visits**
- **Water Analyses**
- **Clarify Site-specific Regulatory Questions**
- **Evaluation of NMED's Water Quality Data**
- **Workshop Collaboration with the Arsenic Partnership (WERC, AWWARF, SNL)**
- **Assessment of Alternate Drinking Water Sources**
- **Inventory of Potential State and Federal Funding**
- **Evaluation of Cost and Technology Selection Models**



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To summarize, our services are directed at assisting individual small water distribution systems in overcoming the technical, financial, and regulatory hurdles they may encounter in complying with the mandated changes.

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Links with other NM programs

WERC

SNL-Outreach

Education starts with regional meetings:

The As rule and NM Compliance Strategies;

Available technologies;

Possible funding Sources;

Meet with others with similar problems from similar communities.

WERC is developing computer tools for cost assessment & selecting technologies

Meeting attendance is one avenue for starting one-on-one interactions

Particularly affected systems can also be identified from NMED records

Case workers from SNL or WERC evaluate specific community characteristics and needs.

Coordination is ensured by monthly SNL-WERC meetings.

SNL provides custom water analysis services

Having selected technologies, individual or small group meetings are held to make sites savvy consumers of information

Cost estimates;

Identify possible vendors;

PER preparation;

Apply to appropriate financing authorities.

Our process ends when sites become proficient at preparing the documentation required for implementing the mandated design changes.



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- **Your request has been submitted for review and approval.**

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