

ATTACHMENT 1

SPECIFIC TRAINING TOPICS

1. Definition of a PWS and a TNCPWS, and BLM policy on sampling Bureau owned and operated water systems.
2. OSHA regulations applicable to a water system.
3. Maximum Contaminate Levels applicable to a TNCPWS.
4. Sampling requirements for a TNCPWS. State specific requirements within Region VIII to be addressed as well (i.e., does the State require monthly coliform sampling).
5. Requirements for hauled water, directly dispensed, and distribution system dispensed.
6. Sampling techniques, preservation, and holding times (to include mailing of coliform samples).
7. Sampling requirements following a positive coliform result (i.e., repeat and increased routine sampling). This discussion shall specifically address sampling a water system that has only a single hand pump and water systems that have four or less taps from which a water sample can be taken.
8. Sampling alternatives that EPA or a State can approve following a positive coliform sample (taking two repeat samples from the same tap several hours apart).
9. The importance of the repeat and increased routine samples following a positive sample.
10. When can a coliform sample be declared invalid? Can a person taking a coliform sample contaminate it easily?
11. When a public notification is required following a positive coliform sample and what constitutes a public notification (i.e., notice in the local newspaper is NOT required).
12. Preparation of coliform site sampling plans and to whom they must be submitted.
13. "Case Studies" of problems experienced at BLM water systems.
14. When design plans and specifications for construction or modification of a water supply or storage system must be submitted to EPA and/or the State for review and approval (i.e., BEFORE construction or modification of the TNCPWS).
15. Construction standards for wells and spring developments.

16. Record keeping requirements.
17. In-line treatment equipment to improve the quality of the water (e.g., chlorination, filtration) This will include a discussion of the effectiveness of this equipment, specific information related to filter size required to remove iron vs. giardia.
18. Cross-connection requirements (e.g., vacuum breakers on hose bibs, backflow preventors on irrigation systems).
19. What is a sanitary sewer, what is typically found, why you need one, and the significance of June 1999 to a TNCPWS.
20. Disinfection requirements including a discussion on whether EPA will require disinfection of ground water supplies.
21. Surface water treatment requirements.
22. Use of certified labs for coliform testing and what a facility must do if they want to do the testing in-house (e.g. Colialert test.).
23. Underground Injection Control (UIC) Class V injection well issues.
24. Operator certification requirements (i.e., if we have a well or a spring with no disinfection is a certification required, does disinfection require certification).