

United South and Eastern Tribes, Inc.
Natural Resources Committee Tribal Peer Review Self Assessment

Water System Name: _____ Date: _____
Address: _____
Tribe: _____ Contact: _____
Phone: _____ Email: _____

WATER TREATMENT

1. Do any of the following have the potential to present a water quality challenge for your system?
High turbidity after rains? Yes No Not Sure
Fluctuations in pH? Yes No Not Sure
Fluctuations in temperature? Yes No Not Sure
Fluctuations in alkalinity? Yes No Not Sure
Taste and odor problems? Yes No Not Sure
High iron or manganese levels? Yes No Not Sure
Man-made pollution? Yes No Not Sure
(pesticides, nitrates, etc.)

2. What special treatment processes are used to deal with these challenges? _____

3. Is chemical pretreatment required? Yes No Not Sure

4. Are all chemicals used in the treatment process ANS/NSF approved? Yes No Not Sure

5. Is there at least a 30 day supply of chemical on hand? Yes No Not Sure

6. List the chemicals used and typical dosages.
_____ ppm _____
_____ ppm _____
_____ ppm _____
_____ ppm _____

7. Are chemicals properly stored segregating incompatible chemicals? (For example: store grease and oils separately from oxidizers such as permanganate or chlorine compounds, and separate these from other water treatment chemicals such as lime, fluoride, caustics, activated carbon, etc.)
 Yes No Not Sure

8. Are Material Safety Data Sheets (MSDS) available for all chemicals used? Yes No Not Sure

9. Has staff been properly trained to handle hazardous chemicals? Yes No Not Sure

“Because there is strength in Unity”

10. Does staff have equipment to handle chemical incidents? Yes No Not Sure
Is this equipment readily available and easily accessible? Yes No Not Sure
11. What type of filter system is used?
 Pressure
 Green Sand
 Rapid Sand
 Slow Sand
 Dual Media
 Multi Media
 None
 Other
12. What type of treatment facility is used?
 Conventional
 Upflow clarifier
 Pulsator/Super Pulsator
 Cone
 Package
 None
 Other
13. What is the typical free chlorine residual being maintained at the plant tap? _____

14. Have you experienced problems maintaining a residual chlorine level in the system?
 Yes No Not Sure
If Yes, explain: _____

15. What type of disinfectant do you use?
 Chlorine gas _____ %
 Liquid Chlorine _____ %
 HTH _____ %
 Other _____
16. Is a disinfectant other than chlorine used? Yes No Not Sure
If Yes, explain: _____
17. Is iron or manganese removal practiced? Yes No Not Sure
18. Is there a written maintenance plan? Yes No Not Sure
If Yes, is the plan followed? Yes No Not Sure

“Because there is strength in Unity”

- 19. Are there written standard operating procedures (SOP's) for all tasks to include process control, chemical addition, safety. Yes No Not Sure
If yes, are the procedures followed? Yes No Not Sure
- 20. Is there a safety program in place with scheduled meetings? Yes No Not Sure
If yes, how many meetings per year? _____
- 21. Is there a contingency plan for emergency situations? (For example: long term power outages, equipment failure, drought, etc.) Yes No Not Sure
- 22. Is lighting protection provided? Yes No Not Sure
- 23. Are all chemicals and lubricants approved for water supplies? (For example: food grade lubricating grease and oils) Yes No Not Sure
- 24. Are the facilities adequately secure? Yes No Not Sure
- 25. Is the emergency spill response plan adequate? Yes No Not Sure

Comments: _____

