



Environmental Protection Agency

Division of Drinking and Ground Waters

PROJECT SUMMARY SHEET FOR PLAN REVIEW OF PROPOSED WATERLINE EXTENSIONS

Water System Name _____

Project Title (same as listed on water supply data sheet): _____

The following is a summary of the proposed waterline:

PIPE MATERIAL	DIAMETER (INCHES)	LENGTH (FEET)	LOCATION	APPLICABLE STANDARDS*	CLASS	PRESSURE RATING

*Material and installation, JUSTIFY IF NOT AN AWWA STANDARD (See policy ENG-08-001)

1. Will all pipe, fittings, valves and fire hydrants conform to the latest standards issued by AWWA and/or NSF? Yes No
2. Will all packing and jointing materials used for pipe joints conform to the requirements of AWWA? Yes No
3. Will all waterlines be pressure tested and tested for leakage in accordance with applicable AWWA Standards? Yes No

a. Test to be performed by _____

b. Test to be supervised by _____

4. Will all waterlines be disinfected in accordance with AWWA Standard C651? Yes No
- a. Disinfection to be performed by _____
- b. Disinfection to be supervised by _____
- c. Microbiological samples to be analyzed at _____

5. Is the system designed to maintain a minimum pressure of 20 psi at ground level at all points in the system under all conditions of flow? Yes No

6. Will the normal working pressure in the system be not less than 35 psi? (TSS 8.2.1 recommends 60 – 80 psi) Yes No

7. Is the system designed to provide fire protection? Yes No

a. The design fire flow will be _____ gpm minimum at _____ psi pressure.

b. What is the maximum spacing of the hydrants? _____

- c. Will hydrant drains be plugged? Yes No

- d. Is the minimum size of all waterlines at least six inches? Yes No

8. Will a backflow prevention program be implemented or followed to prevent cross connections with unapproved sources? Yes No

9. Are there any master meters to be installed as part of this project? Yes No

NOTE: If the answer above is yes, contact your Ohio EPA district office to determine if the entity being served by a master meter is an exempt public water system.

10. Is at least four feet of cover provided to protect the waterline from freezing? Minimum cover _____ feet. Yes No

11. What is the maximum spacing between shutoff valves? _____ (each intersection and 800 feet maximum recommended, 500 feet in commercial areas)

- 12. Have the number of dead end mains been minimized? Yes No
- 13. Where dead end mains occur, has a means of flushing the main been provided? (2.5 fpm minimum) Yes No
- 14. Will all waterlines have at least 10 feet horizontal separation (edge to edge) from sanitary sewers? Yes No
- 15. Will all waterlines which cross sanitary sewers have a minimum vertical separation (outside to outside) of 18 inches? Yes No
- 16. Will a reliable means to detect leakage at surface water crossings wider than 15 feet be provided? Yes No
- 17. Will a minimum cover of five feet be provided over the water crossing pipe? Yes No
- 18. Will piping at water crossing have flexible watertight joints? Yes No
- 19. Are air relief valves provided (attach summary sheet)? Yes No

Provide a justification for any of the above questions which are answered "no".

Name: _____ Date: _____