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:

<table>
<thead>
<tr>
<th>PIPE MATERIAL</th>
<th>DIAMETER (INCHES)</th>
<th>LENGTH (FEET)</th>
<th>LOCATION</th>
<th>APPLICABLE STANDARDS*</th>
<th>CLASS</th>
<th>PRESSURE RATING</th>
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*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. If in an area of groundwater contaminated by organic compounds,
   a. are the pipe and joint materials such that they do not allow penetration of the organic compounds? Yes ☐ No ☐
   b. are all portions of the system, including pipe, joint materials, hydrant leads and service connections, of non-permeable materials? Yes ☐ No ☐
4. 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 [ ]

5. Is a continuous and uniform bedding provided in the trench for all buried pipe?  
   Yes [ ]  No [ ]

6. Are all tees, bends, plugs, and hydrants provided with reaction blocking, tie rods, or joints designed to prevent movement?  
   Yes [ ]  No [ ]

7. 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 [ ]

8. 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 [ ]

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

10. 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 [ ]

11. Will a backflow prevention program be implemented or followed to prevent cross connections with unapproved sources?  
    Yes [ ]  No [ ]
12. 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.

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

14. What is the maximum spacing between shutoff valves? ____________  
   (each intersection and 800 feet maximum recommended, 500 feet in commercial areas)
   Yes ☐  No ☐

15. Have the number of dead end mains been minimized?  
   Yes ☐  No ☐

16. Where dead end mains occur, has a means of flushing the main been provided? (2.5 fpm minimum)  
   Yes ☐  No ☐

17. Will all waterlines have at least 10 feet horizontal separation (edge to edge) from sanitary and storm sewers?  
   Yes ☐  No ☐

18. Will all waterlines which cross sanitary and storm sewers have a minimum vertical separation (outside to outside) of 18 inches?  
   Yes ☐  No ☐

19. Will a reliable means to detect leakage at surface water crossings wider than 15 feet be provided?  
   Yes ☐  No ☐

20. Will a minimum cover of five feet be provided over the water crossing pipe?  
   Yes ☐  No ☐

21. Will piping at water crossing have flexible watertight joints?  
   Yes ☐  No ☐

22. 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: _______

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