Division of Drinking and Ground Waters

PROJECT SUMMARY SHEET FOR PLAN REVIEW OF PROPOSED STORAGE TANKS

Water System Name _____

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

The following is a summary of the proposed storage tank(s):

Tank Name			
Location			
Tank Capacity (gallons)			
Tank Type			
Tank Diameter			
Tank Construction Material			
Grade Elevation (feet MSL)			
Top of Foundation Elevation (feet MSL)			
Overflow Elevation (feet MSL)			
Overflow Pipe Diameter (inches)			
Overflow Rate (gpm)			
Fill Rate (gpm)			
Inlet/Outlet Pipe Diameter (inches)			
High Water Level Elevation (feet MSL)			
Low Water Level Elevation (feet MSL)			
Head Range* (feet)			
Altitude Valve Type			
Altitude Valve Settings			
Altitude Valve Size			
Former Owner if a used tank			

*If the head range exceeds 30 feet, please provide an explanation: _____

1. Will the tank conform to the latest AWWA and NSF standards as follows:

   a. General Design AWWA D-100, D-103, D110, D120,

   Other: _____ Yes ☐ No ☐

   b. Paint AWWA D-102 Yes ☐ No ☐

   NSF 61 approved Yes ☐ No ☐

   c. Disinfection AWWA C-652 Yes ☐ No ☐

2. Will a means be provided to isolate and bypass the tank? Yes ☐ No ☐

3. Will a means be provided to drain the tank with no direct connection to a sanitary or storm sewer? Yes ☐ No ☐

4. Will a means be provided to isolate and bypass the altitude valve? Yes ☐ No ☐

5. Will a downturned, screened air vent which prevents the entrance of birds be provided? Yes ☐ No ☐

6. Upon construction of these plans, will the community water system have a total storage capacity equal to or exceeding the average daily demand? Yes ☐ No ☐

7. Will the diameter of the overflow pipe be large enough to discharge water faster than the tank can be filled? Yes ☐ No ☐

   Overflow system capacity _____ gpm

8. Will the overflow be visible to neighbors? Yes ☐ No ☐

9. Will an audible and visual alarm be provided for the following:

   a. Low Water Level: local Yes ☐ No ☐ remote Yes ☐ No ☐

   b. High Water Level: local Yes ☐ No ☐ remote Yes ☐ No ☐

   c. Overflow Level: local Yes ☐ No ☐ remote Yes ☐ No ☐

10. Will the overflow pipe be downturned and screened to prevent the entrance of birds and animals? Yes ☐ No ☐

11. Will the overflow pipe terminate 12 to 24 inches above the ground surface and discharge to a splash pad or drain inlet? Yes ☐ No ☐

12. Will an access hatch (at least 24 inches by 15 inches) which is framed at least four inches above the surface of the roof and which has a minimum two inch overlapping cover with a hinged side and a locking device be provided? Yes ☐ No ☐

13. Will a safety ladder conforming to OSHA standards be provided? Yes ☐ No ☐

14. Will the tank be protected from trespassers by a lockable enclosure? Yes ☐ No ☐

15. Will two TC- bacteriological samples be taken, at least 24 hours apart, prior to placing the tank in operation? Yes ☐ No ☐

    By whom: _____

16. Will the tank be provided with cathodic protection? Yes ☐ No ☐

    If yes, is it designed to resist ice damage? Yes ☐ No ☐

17. If the tank is going to be telemetered provide a description of how the telemetry will operate.

    _____

18. If the tank is going to “float” on the system, explain how it will function in the distribution system.

    _____

19. Does the operating plan provide for regularly exercising the tank over a minimum of 25 percent of its capacity? Yes ☐ No ☐

20. Will the tank foundation and access roads be at least 3 feet above the100 year flood elevation or above the highest ground water elevation? Yes ☐ No ☐

21. Is a water tight roof provided? Yes ☐ No ☐

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

_____

Name: _____ Date: _____