**Utah Division of Drinking Water ― Checklist for Issuing Operating Permits**

(Per Utah Administrative Code, Rule R309-500-9)

Water System Name: System Number:

Project Description: File Number:

Items 1 through 8 below must be submitted to the Division and found to be acceptable prior to operating permit issuance. However, distribution lines without booster pumps may be placed into service prior to submitting all of the items if a professional engineer (PE) responsible for the entire water system has been identified to the Director and has received items 1 through 4 below. *[In this case, a public water system will submit all items needed to obtain an Operating Permit for each distribution system project after the new water lines have been placed into service as determined by the water system’s designated PE.]*

1. Certification of Rule Conformance by a PE that all conditions of Plan Approval have been accomplished, and if applicable, changes made during construction were in conformance with rules R309-500 through 550

2. As-built or record drawings incorporating all changes to approved plans and specifications, unless no changes were made to the previously submitted and approved pre-construction drawings

3. Confirmation that as-built or record drawings have been received by the water system

4. Evidence that bacteriological samples have been collected to verify proper flushing and disinfection in accordance with the appropriate ANSI/AWWA Standards:

ANSI/AWWA C651-14 AWWA Standard for Disinfecting Water Mains

Two consecutive sample sets at least 16 hours apart, none positive (every 1200 feet, end-of-line, each branch, etc.)

ANSI/AWWA C652-11 AWWA Standard for Disinfection of Water-Storage Facilities

One or more samples, none positive

ANSI/AWWA C653-13 AWWA Standard for Disinfection of Water Treatment Plants

Two consecutive samples per unit, none positive, no less than 30 minutes apart

ANSI/AWWA C654-13 AWWA Standard for Disinfection of Wells

Two consecutive samples, none positive, no less than 30 minutes apart

5. Water quality data, where appropriate *[Guidance: Include appropriate raw and finished water data that demonstrate satisfactory performance of the new treatment facility. Storage tank water shall be analyzed for residual volatile organic compounds after tank interior painting or re-coating.]*

6. If applicable, all other documentation that may have been required during the plan review process

7. If applicable, confirmation that the water system owner has received the O&M manual for the new facility

8. If applicable, location data of new storage tank, treatment facility, or source