

Division of Drinking Water Checklist for Issuing Operating Permits

Water System Name: _____ System Number: _____

Project Description: _____ File Number: _____

The following items must be submitted and found to be acceptable for operating permit issuance with the exception of distribution lines without booster pumps and/or pressure-reducing valves. *[Waterline projects without booster pumps and/or pressure-reducing valves may be placed into service prior to submittal of all items or the Division's issuance of an operating permit if: (1) the water system has officially designated a professional engineer (P.E.) responsible for the entire water system; and, (2) if this designated P.E. has received a "Certification of Rule Conformance" statement issued by a P.E. and evidence of satisfactory bacteriological sample result. In this case, a public water system will submit all items needed for obtaining an operating permit for each distribution system project even after the new waterlines have been placed into service as determined by the water system's designated P.E.]*

- Utah Registered Engineer's Certification of Rule Conformance that all conditions of plan approval (including conditions set forth by the Division Director in any conditional approval letter) have been accomplished
- Utah Registered Engineer's statement of what plan changes, if any, were necessary during construction and a Certification of Rule Conformance that all of these changes were in accordance with applicable Utah Administrative Code, *R309-500 through R309-550, Drinking Water Facility, Construction, Design, and Operation Rules*
- As-built drawings have been received at the Division (unless no changes were made to the previously submitted and approved pre-construction drawings)
- Confirmation that the record drawings have been received by the water system (unless no changes were made to the previously submitted and approved pre-construction drawings)
- Evidence of proper flushing and disinfection in accordance with the appropriate ANSI/AWWA Standards
 - ANSI/AWWA C651-05 AWWA Standard for Disinfecting Water Mains
 - Two consecutive sample sets (each 1200 feet, end-of-line, each branch, etc.), none positive, at least 24 hours apart
 - ANSI/AWWA C652-02 AWWA Standard for Disinfection of Water-Storage Facilities
 - One or more samples, none positive
 - ANSI/AWWA C653-03 AWWA Standard for Disinfection of Water Treatment Plants
 - Two consecutive samples per unit, none positive, no less than 30 minutes apart
 - ANSI/AWWA C654-03 AWWA Standard for Disinfection of Wells
 - Two consecutive samples, none positive, no less than 30 minutes apart
- Water quality data, where appropriate *[Guidance: Include appropriate raw and finished water data that demonstrate the performance of the new treatment facility. Storage tank water should be analyzed for residual volatile organic compounds after tank interior painting or coating.]*
- Confirmation that the water system owner has received the O&M manual for the new facility
- Location data of new storage tank, treatment facility, or source, if applicable