

📖 2.4.0. STANDARD PRODUCTS LIST PROCEDURES

2.4.1. Introduction

Through previous investigation, testing and usage by the Utility, certain types, brands and models of some products have established a satisfactory record for certain services. These products have been tabulated by manufacturer's names and identifying numbers on Standard Products Lists (SPL). Construction-related SPLs have been assembled into the Utility's "Standard Products List". The Standard Products List should not be interpreted as being pre-approved lists of products necessarily meeting the requirements for a given construction project and products included in the lists shall not be substituted unless they are approved by the Engineer and the Austin Water Utility. Contractors electing to use products from the SPLs shall submit a list of products and the corresponding SPL number, together with the approvals for their use.

Products in use by the Utility are subject to ongoing consideration and evaluation by the Standards Committee. When changes, deletions or additions become necessary and are approved, the product list will be revised and included in updates to the Standard Products List.

Questions concerning the Utility's Standard Products List may be addressed to the Standards Committee Chairperson at 625 East 10th Street, Austin, Texas 78701 or call (512) 972-0204.

📖 2.4.2. Austin Water Utility Standard Product Approval Process

A. Product and equipment manufacturers shall submit a written request for consideration to the Austin Water Utility Standards Committee chairperson. This request shall comprise a complete submittal, in a single package for each product, and include the following:

1. Product description, technical specifications and catalog information.

All applicable product standards (AWWA, ASTM, ANSI, NFPA and others) and related manufacturer's certifications.

3. Test results showing compliance with applicable standards, including independent laboratory test results, if necessary and which contain the name, address and telephone number of the laboratory and indicate who authorized or ordered the tests.

4. Manufacturer's installation procedures for the particular product.

5. Product availability and restrictions, if any, delivery time and manufacturer's location.

6. Maintenance requirements, special equipment and procedures and recommended maintenance schedules.

7. Product references (municipal or public users) shall include users name, address and telephone number, product application and number of years in use, and name and telephone number of a contact person having knowledge of the particular usage.

8. ~~Material safety data sheet (MSDS)~~ ***Safety Data Sheets***; if applicable.

9. Recent product revisions or improvements.

10. Explanation of how the product benefits the Utility in terms of prolonged service life, reduced maintenance, reduced life-cycle cost and other relevant aspects.

11. Quality control program covering manufacturing or fabricating of the product.

B. If the submittal is acceptable, the chairperson shall submit it for consideration to the committee. Products may be requested for testing or field evaluation. Field evaluation for up to one (1) year may be required to assess performance.

C. Following review of the submittals the committee may request a presentation by the manufacturer at a regularly scheduled or special committee meeting to demonstrate the product or provide additional information.

D. Procedures for testing or evaluation shall be as agreed upon between the supplier and the Standards Committee. Results will become a part of the product file and will be made available to the supplier upon request.

E. When products are evaluated in a construction or CIP project, the location and installation details shall be recorded in the inspection record and filed with the Utility. In addition, the installation shall be cross-referenced on all as-built plans, profiles, quad maps and other Utility maintained maps.

F. A database listing all testing locations, time of test and results shall be compiled and periodically updated. From this information, the Standards Committee will recommend approval or disapproval of the products.

G. A majority vote is required to accept any new product. The Utility will advise the applicant of the Standards Committee's decision regarding the product.

H. The newly accepted product will be added to the appropriate Standard Products List (SPL).

I. Problems regarding accepted products shall be submitted to the standards committee for review. Such review may lead to a recommendation to rescind approval. The Utility shall inform the product manufacturer of the reasons for removal from the SPL.

J. Updates to the Standard Products Lists (including additions and deletions of products and vendors, or changes to products descriptions) will be made on a Quarterly basis.

2.4.3. Product Review

Each SPL will be reviewed at least every five (5) years (Every two (2) years for new or unproven products). Products will be under constant evaluation as they are used in the water, reclaimed water, and wastewater systems.

2.8.0. ABANDONMENT OF FACILITIES

If a new project will abandon existing facilities, the plans shall provide for the appropriate abandonment of these facilities. The plans shall include, at a minimum, the location, sequence, details, and methodology for abandoning the facility according to applicable AWU requirements. Abandonment shall be considered permanent. Temporary abandonment must be approved on a case-by-case basis. **For situations where a certified SMART Housing project is required to perform the proposed infrastructure abandonment, the Austin Water Utility would perform the work in the Right of Way at no cost to the developer.**

2.8.1. Wastewater Mains and Services

A. Abandonment of wastewater mains ~~in private easements~~ shall consist of filling the main with a pumpable grout or slurry and meeting requirements of the current specifications. Plans, drawings and specifications shall include method of abandoning or removing services and all other mains.

B. If the existing wastewater service line and/or appurtenances are not to be used in the future, the plans shall call out and indicate the wastewater service line(s) to be abandoned and that they shall be cut and plugged at the main.

C. Abandonment of wastewater force main valves shall be accomplished by removing the valve casing to the top of the subgrade or 24" below the surface, whichever is greater, such that the abandoned valve is not identifiable from the surface. The pavement repair shall match the existing pavement section.

2.8.2. Manholes

Abandoned manholes shall be removed to a level not less than four feet below grade, inlets and outlets securely plugged, inlet and outlet pipes cut and plugged outside the manhole, and the structure filled with stabilized sand.

2.8.3. Lift Stations

Abandonment of lift stations shall consist of removing all pumps, motors, couplings, valves, and controls from the dry well and all appurtenances above finished grade. Both the wet well and dry well shall be cut down five feet below grade, filled with cement stabilized sand, and covered with top soil to grade. The associated force main shall be properly abandoned. This includes cutting and plugging both ends and/or grouting gravity mains as appropriate.

Area shall be re-vegetated. The Lift Station Maintenance Group shall be notified prior to abandonment.

2.8.4. Water Mains and Service

A. Abandonment of a water main shall be accomplished by disconnecting the pipe from intersecting pipes that are to remain in service and the installation of a plug on the tee and/or cross at the point of intersection. If the cross and/or tee cannot be securely plugged or is a leaded connection, the cross and/or tee shall be removed. If a valve is located at the tee for the line being abandoned, it shall be removed. In no instance will mains be abandoned by valve closure. Abandonment of water valves located on abandoned mains shall be accomplished by removing the valve casing to the top of the subgrade or 24" below the surface, whichever is greater, such that the abandoned valve is not identifiable from the surface. The pavement repair shall match the existing pavement section.

B. All water service lines (including fire lines) that are being abandoned and not transferred to a new distribution line should be disconnected at the corporation stop and all other valves and appurtenances, including the water meter, removed. The drawings shall include a note requiring notification of AWU for meter removal.

2.8.5. Reclaimed Water Mains and Services

All reclaimed water service lines that are being abandoned and not transferred to a new distribution main shall be disconnected at the corporation stop. All other valves and appurtenances, including the water meter, shall be removed. The drawings shall include a note requiring notification of AWU for meter removal.