SUDAS Revision Submittal Form

Status Date:	As of 10/23/2026	**Topic:**	Crosslinked polyethylene pipe
Manual:	Specifications	**Manual Location:**	Section 5010, 2.07, B, 6

Requested Revision:

2.07 WATER SERVICE PIPE AND APPURTENANCES

B. Materials (as allowed by Jurisdiction or specified in contract documents)**:**

1. **Copper Pipe:**
   a. Comply with ASTM B 88.
   b. Wall Thickness: Type K.

2. **DIP:** As specified in Section 5010, 2.01. Polyethylene wrap is required.

3. **PVC Pipe:** ASTM D 1785, Schedule 80 or ASTM D 2241, SDR 21. Provide solvent weld joints for all pipes.

4. **Brass Pipe:** Red, seamless, according to ASTM B 43.

5. **Polyethylene Pipe:** Class 200, according to AWWA C901.

6. **Crosslinked Polyethylene (PEXa):**
   a. Comply with ASTM F 876 and ASTM F 877
   b. Certified NSF 14 and NSF 61
   c. Minimum pressure class 160 psi at 73°F
   d. Copper tube size dimensions
   e. Co-extruded UV shield made from UV resistant high density polyethylene, color blue. Minimum recommended UV exposure time of 1 year when tested according to ASTM F 2657, or as per manufacturer's recommendations.
   f. Approved by manufacturer for use with AWWA C800 fittings, using stainless steel inserts.
   g. Compatible with cold expansion compression sleeve fittings certified to ASTM F 2080 for installations as cold as -40°F. Flared fittings are allowed for services less than 2 inches.

Reason for Revision: Added new product.

Comments: None.

Region:	☒ Central	☒ East	☒ West
Comments:	None.		
Action:	☐ Deferred	☐ Not Approved	☒ Approved

Final Regional Action Summary: All 3 regions approved.

Board of Directors Action: