

SUDAS Revision Submittal Form

Status Date: As of 5/7/2021 **Topic:** HDPE liner thickness and joints
Manual: Specifications **Manual Location:** Section 4010, 2.01, F

Requested Revision:

2.01 SANITARY SEWER (Gravity Mains)

F. Reinforced Concrete Pipe (RCP) 18 inch to 144 inch:

2. Pipe Lining:

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c. HDPE:

- 1) Minimum thickness of ~~0.080~~ 0.064 inches according to ASTM D5199.
- 2) Minimum density of 0.90 g/cm³.
- 3) Meet EPA 9090 for chemical resistance.
- 4) Locking extensions made from the same material as the liner with minimum pullout strength of 14,000 pounds per square foot.
- 5) Free of cracks, cleavages, pinholes, or other defects.
- 6) Joint sealer strip to be from the same material as the liner.
- 7) If gasketed joints, comply with ASTM F 477 and ability to withstand a minimum groundwater pressure equal to that of the pipe liner or 20 psi whichever is greater.

Reason for Revision: Revised to include additional products.

Comments: None.

District: 1 2 3 4 5 6 **2/24/2021 Webinar**

Comments: None.

District: 1 2 3 4 5 6 **April 2021 Webinars**

Comments: None.

Action: Deferred Not Approved Approved

Final District Action Summary: All 6 districts approved.

Board of Directors Action: Approved.