

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH



Jewel Mullen, M.D., M.P.H., M.P.A.
Commissioner

Dannel P. Malloy
Governor
Nancy Wyman
Lt. Governor

July 10, 2015

Aaron Cheever, PE
Engineering Products Manager
Advanced Drainage Systems, Inc.
168 Robbs Hill Road
Lunenburg, MA 01462

Re: ADS Tight Pipe (HP Storm Pipe, SaniTite HP Sanitary Pipe) Approvals

Dear Mr. Cheever:

This Department has reviewed your request for approval of Advanced Drainage Systems' HP Storm Pipe and SaniTite HP Sanitary Pipe as tight pipe as defined in the Department's *Technical Standards for Subsurface Sewage Disposal Systems* (Technical Standards). Tight pipes are solid pipes that exhibit both acceptable wall strength and watertight joints. Approved tight pipes are listed in Table 3 of the Technical Standards, and these pipes can be used for groundwater or surface water piping within 25 feet of a sewage system. Flexible pipes are required to provide a minimum pipe stiffness of 46 psi in order to exhibit acceptable wall strength.

Your submission included specifications and product literature for both pipes, and it noted the HP designation stands for high-performance. The information cites the test specifications (ASTM F1417 & F2487) for field pipe and joint performance testing that can be conducted to assure water tightness if necessary. The HP Storm Pipe is a dual wall polypropylene pipe that has a smooth interior wall and a corrugated exterior structural wall. The HP Storm Pipe with sizes from 12 through 30 inches meets the ASTM F2736 and AASHTO M330 specifications, and the gasketed bell & spigot joint meets the watertight joint performance requirements of ASTM D3212.

The SaniTite HP Sanitary Pipe is also a polypropylene pipe that meets the AASHTO M330 specification, and the smaller diameter pipe sizes (12 - 30 inches) have a dual wall (smooth interior/corrugated exterior) design, and these pipes meet ASTM F2736 specifications. Larger diameter (30 - 60 inches) SaniTite HP Sanitary Pipes have a triple wall (smooth interior/exterior walls, corrugated structural core) design, and these pipes meet ASTM F2764 specifications. SaniTite HP Sanitary Pipe has gasketed bell & spigot joints that meet the watertight joint performance requirements of ASTM D3212.



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The information submitted satisfactorily documents the HP Storm Pipe (12 - 30" diameters) and the SaniTite HP Sanitary Pipe (12 - 60" diameters) meet the Department's minimum requirements for tight pipes. This Department hereby APPROVES these pipes as tight pipes, and they will be listed in Table 3 in the next revision of the Technical Standards.

This approval will be sent electronically to local health officials, professional engineers, and to our Code Advisory Committee. This approval will also be posted on the Department's website. This letter may be reproduced as a means of notifying other parties of this Department's approval. As with all product approvals, this Department's approval should not be considered an endorsement of the product.

Sincerely,



Robert W. Scully, PE
Supervising Sanitary Engineer
Environmental Engineering Program

C: Local Directors of Health
Chief Sanitarians
Code Advisory Committee
EEP Email Distribution List