PROBLEM Solution

Project: LIFT STATION COATING

Owner:
City of Grapevine

Engineer:
Rady & Associates

General Contractor:
Wright Construction Co.

Installer:
Mobile Enterprises, Inc.
Fort Worth, Texas

System:
EnviroLastic® AR 425

Area:
3,040 Sq. Ft.

Completed:
March, 1996

After a thorough review of Mobile Enterprises' submittal materials, The Rady Group approved the use of EnviroLastic in lieu of the specified Polibrid material on a raw sewage lift station structure for the City of Grapevine.

This 30 foot deep structure was completely lined with a 75 mil coat of EnviroLastic AR 425. EnviroLastic AR 425 is resistant to the H_2S gas and the resultant sulfuric acid which is formed when it mixes with water, especially the condensation on the ceiling slab.

EnviroLastic cures in minutes and is ready for service once the scaffolds are removed. In addition, EnviroLastic has 425% elongation as compared to Polibrid's 52%. There are other technical reasons for selecting EnviroLastic over Polibrid, including the fact that EnviroLastic can be applied in high humidity environments. These underground structures don't get much fresh air and are usually very high in humidity. This could thwart the application of many other coatings, but not EnviroLastic.