



Mobile Pipe Lining and Coating Brings Savings with Inspection

In latter half of 2012, Mobile Pipe was contracted by a large steel distributor, located in Spokane WA, to provide lining and coating for steel pipe. The pipe ranged in sizes from 8" through 54", for a total of 10,240 LF. Ultimately, the buried steel pipeline would be installed to convey water for agricultural irrigation. Completed in November of 2012, the project illustrates the power of a distributor working with an experienced coating and lining applicator.

Pipeline Details and Project Summary

Location: Pacific Northwest
Lining: Devoe® 233HS NSF-61 epoxy lining
Coating: Polyken® YG-III 80 mil polyethylene tape wrap
Substrate: 10,240 LF of Spiral Welded Steel Pipe
Distributor: Challenger Pipe and Steel

The pipe distributor, Challenger Pipe and Steel, purchased the steel pipe in Los Angeles and chose to use Mobile Pipe's facility in Adelanto, CA for the epoxy lining and tape wrap coating with the pipe finally being shipped to Idaho for installation. The Devoe® 233HS NSF-61 epoxy lining can be used in various applications such as refineries, potable water and sewage transport. In addition it complies with the AWWA C-210 standard. Polyken® YG-III 80mil polyethylene tape wrap exceeds the AWWA C-214 standard and offers low cathodic protection current requirements as well as zero VOC's. The three part system includes a primer, corrosion protection layer and mechanical layer.

In addition to competitive pricing, Mobile Pipe's years of industry experience saved Challenger from a major problem. During a pre-inspection of the pipe, Mobile Pipe found that the pipe had been supplied without belled ends. By catching this mistake prior to processing, the pipe mill was able to correct the pipe order with minimal cost and delays. Had this pipe been sent to Idaho without the bell ends, the costs would have resulted in significant costs to the project.

Challenger Pipe and Steel remarked, "Mobile Pipe saved everyone a lot of time and expense. It is always a pleasant experience to work with the crew at Mobile Pipe on our projects. They have a 100% record with Challenger Pipe & Steel in getting every order out on time, without a problem. I'm looking forward to our next project with them"



Internal blasting SP10 Near White Metal. Blast Profile: 1.5-3.0



Polyken® YG III tape coat 50 mils



Finish Coat of Devoe® 233H 16 mils