

BELZONA PROTECTS IRRIGATION CULVERT

ID: 894

Industry: Water / Wastewater
Application: VPF-Valves, Pipes and Fittings
Substrate: Galvanized steel
Products: Belzona® 5811 (Immersion Grade)
Belzona® 9331 (Reinforcing sheet)

Customer Location: Irrigation District - Wyoming, USA
Application Date: March 2007

Problem

Debris, sand, and silt carried by irrigation water wore through the galvanizing in one season. Left uncorrected, the underlying carbon steel pipe would quickly corrode leading to soil erosion.



Photograph Descriptions

* The galvanized culvert to be protected , * Belzona® 5811 being applied via airless spray , * The completed application , * Inspected after one season of operation ,

Application Situation

Galvanized steel pipe used to carry 400 ft³/s of irrigation water.

Application Method

Belzona® 5811 and Belzona® 9331 were applied in accordance with a modified Belzona Know-How System Leaflet VPF-2.

Belzona Facts

Replacement of the damaged pipe would have cost \$700,000 and taken considerable time to complete. The Belzona repair was conducted quickly in situ and saved the customer \$650,000.

Inspected after one season and found to be in excellent condition.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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manufactured under an ISO
9000 Registered Quality
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