

AERATION CHANNEL LEAKS REPAIRED WITH BELZONA

ID: 4733

Industry: Water / Wastewater

Customer Location: Sewage Works, Kent

Application: WPA-Wall Problem Areas

Application Date: 2013

Substrate: Concrete

Products: * Belzona® 2211 (MP Hi Build Elastomer) ,

Problem

The construction and movement joints were leaking raw sewage to ground. Previous repairs were failing and only channeling the sewage in to the drains. The environment agency were threatening the customer with prosecution if the problem wasn't resolved. The lane is critical to the treatment process and could not be out of action for any length of time.



Photograph Descriptions

- * External view of leaking joints and previous attempts to stop leaks ,
- * Repaired Movement joint 2013 ,
- * Movement joint still going strong after revisiting in 2019 compared to alternative solution. ,
- * Movement joint still going strong after revisiting in 2019 ,

Application Situation

Leaking joints in sewage aeration channel

Application Method

All joints were repaired in accordance with Belzona Know-How System leaflet WPA-3.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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Belzona Facts

The Belzona repairs were carried out over two days and the tank was reinstated 2 days later. The aeration lane was only out of action for 5 days. After a month of being in operation there are still no leaks.

Site was revisited in 2019 showing no damage or wear on the repairs only leaks were shown on alternative solution.

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