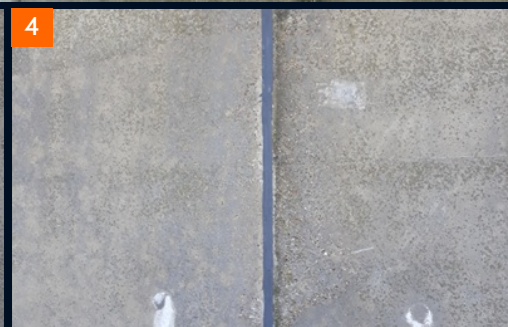


AERATION CHANNEL LEAKS REPAIRED WITH BELZONA

ID: 4733



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.

APPLICATION SITUATION

Leaking joints in sewage aeration channel

APPLICATION METHOD

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

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.

INDUSTRY

Water / Wastewater

LOCATION

Sewage Works, Kent

APPLICATION DATE

2013

PRODUCTS

Belzona 2211 (MP Hi Build Elastomer)

SUBSTRATE

Concrete

PHOTOS

1. External view of leaking joints and previous attempts to stop leaks
2. Repaired Movement joint 2013
3. Movement joint still going strong after revisiting in 2019 compared to alternative solution.
4. Movement joint still going strong after revisiting in 2019

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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