

BIOFILM & ALGAE

Challenge:

A small Northern Cape town had been without water in excess of 4 months, due to excessive biofilm / algae growth in their main water pipeline. The pipe had too wide a diameter and it created the perfect micro-environment for algae growth in the pipe, to such a degree that the pipe was completely blocked. The town's potable water had been transported in bowser trucks at great cost.

Solution:

An undiluted batch of OXILYTE was transported to the town and poured into the pipe at the reservoir, to permeated into the algae in the pipe. The solution was left for 24 hours to completely deal with the organics, and thereafter flushed out.



Outcome:

The sludge and organic matter was pumped out of the pipe for a couple of minutes, until clear fresh water flowed. With the single 24hr dosing of the highly effective OXILYTE, the problem was solved without any possible contamination of toxins and poisons.

Preventative measures entails installing an OXILYTE dosing stream of 1:500 to the water mains to maintain clean, disinfected potable water in pipelines.

SOLVED