

CASE STUDY

Why borehole bacteria has had its chips (England)

Client:	Potato and vegetable farmer
Location:	East Anglia
Products:	BoreSaver Ultra C Pro
Project Description:	Borehole performance impacted by bacteria and affecting crop irrigation
Keywords:	Boreholes, bacteria, camera survey, BoreSaver Ultra C Pro, irrigation, potatoes, agriculture, crop irrigation



**“The treatment really saved our bacon as, without the borehole working efficiently again, we would have run out of water,”
East Anglian farmer.**

When a potato and vegetable farmer in East Anglia discovered his boreholes were failing to deliver the yield he needed to water his crops, he needed urgent expert advice.

He asked Treewaters Control Systems to undertake a camera survey at one borehole, where yield had dropped from 1.8m³ per minute to 0.6m³.

The survey revealed a build-up of residue and biofilm, caused by iron-related bacteria (IRB), was blocking the pipes and borehole casings. A brushing and cleaning programme was carried out, followed by a treatment of BoreSaver Ultra C Pro, supplied by Geoquip Water Solutions. Specially designed to eliminate iron bacteria in boreholes, it includes a biodegradable marker, guaranteeing no chemical residue is left in the water supply, ensuring no detrimental impact on any crops.

The severity of the problem meant two doses were required, together with further cleaning. Maintenance doses have since helped keep the bacteria at bay and yield has now returned to around 1.5m³.

BoreSaver Ultra C Pro was also used to treat a second borehole, where a full cleaning programme and camera survey is being planned.



Geoquip Water Solutions Limited
Unit 7, Sovereign Centre
Farthing Road Industrial Estate
Ipswich, IP1 5AP, ENGLAND
TEL: + 44 (0)1473 462046
EMAIL: info@geoquipservices.co.uk
www.geoquipwatersolutions.com