

Expect ... solutions, not only products



In line with the 'Expect ... AVK' promise, Graham Charnley, AVK UK Product Manager – Non-Revenue Water, was contacted to identify a solution to a private waste water system in Yorkshire.

The pump supplier, Harroquip Pump Systems, was experiencing a problem with the pipework, not operating as efficiently as it should have been, the installed ball valve was jamming shut and, as a result, the pumps were unable to move the waste material to a holding tank some 200 metres away.

On examining the system and the existing air valve installations, it was apparent that the air valves were not operating properly; they were being blown shut and were unable to open again during negative pressure symptoms. The failure of these valves caused an over run of energy in the newly installed pumps and, when the air valves failed, the waste material was being discharged over the area immediately surrounding the sump.

AVK Series 701/95

With a system discharge requirement of under 50 per cent, AVK Series 701/95 waste water air valves were the obvious solution, combined with its 0.05 bar low-pressure sealing.

Within 24 hours of the initial site meeting:

- AVK UK Ltd supplied three Series 701/95, to replace the CSA valves,
- Harroquip Pump Systems installed the valves
- The system was up and running correctly again.



Before

Whilst the air valves solved the initial problem, a follow up site visit and inspection of the overall set up, allowed AVK UK to offer advice on a number of issues relating to the pipework, positioning of the valves and the discharge that will provide an overall solution to the system.

With the AVK air valves installed, the system has been running in line with expectations, but additional improvements are still to be made to help deliver a more efficient, reliable system.



After



After

For more information

AVK UK Series 701/95, low pressure, waste water air valves: www.avkuk.co.uk/en-gb/products/productfinder/details?STVId=701/95-010

Full air valve range

Clean Water: www.avkuk.co.uk/en-gb/products/water-distribution/airvlv/air-valves/701

Waste Water: www.avkuk.co.uk/en-gb/products/wastewater-collection/airvlv/air-valves/701

AVK UK Ltd, delivering the Expect ... AVK promise.



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