

Carnduff Pumps WSZ, South Region

18-Apr-23

DWQR Staff Present

Andrew Kennedy

Scottish Water Staff Present

Robert Brooks, Steven Slavin (NSO), Scott Campbell (Team Leader) Kevin Hare
(of John Jardine Utilities), Mark Gilmour (of John Jardine Utilities)

Summary of Inspection

Overall Summary

An audit was carried out on a main cut-out to sample for Water Quality purposes in Scottish waters South Area by a directly employed NSO and a contractor Squad from John Jardine Utilities. All staff involved in the audit were helpful and engaged throughout in answering all questions. Blue cards and DOMS training were checked and all in date.

The site was tidy and overall good hygiene practices were followed to ensure pipe, fittings, tools and equipment were kept clean. The NSO's van was found to be in clean condition. The Squad van requires cleaning inside, but fuel etc were stored in a separate container.

Excavation was carried out on the water main after the NSO completed and authorised a new DOMS form. A good sump was excavated below the main before isolation and cut-out, with the excavation de-watered throughout. The NSO door-knocked affected properties in advance of the isolation and also thoroughly flushed the main to ensure no stagnant water could backsiphon into the rest of the network.

During the cut-out and piecing up of the main, tools and fittings were kept clean, stored appropriately and disinfected with freshly made Chlorox spray. Following recharge, water from the hydrant was visibly discoloured and was still flushing at the time of leaving site. Mains repair samples and Chlorine residuals were taken from 2x neighbouring properties, with chlorine residuals healthy and water running visibly clear. Samples were taken and transported appropriately.

GIS records were found to be inaccurate with the main being found to be 3" CI (GIS shows 3" PVC) and there is some uncertainty about what Mains Rehabilitation has been carried out in the area and whether this leg of main should have been abandoned, but has been left stagnant.