

### Amlaird WSZ - Kilmarnock Centre North

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**DWQR**

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**Scottish Water/Contractor**

(McKenzie Construction)

### Summary of Inspection

#### Overall Summary

Amlaird WSZ was selected for audit due to the high number of events in the zone, particularly iron failures, and the work being carried out was planned mains rehabilitation. There were no open excavations at the time of the site visit; much of the work had been completed, although fresh excavations were being started.

The area was tidy and well organised, staff safety was a high priority, and careful consideration appeared to be taken to minimise disruption to residents living in the area. Copies of leaflets issued to residents were made available. Several lead comms pipes had been uncovered and replaced, and leaflets and advice given to consumers of the risk from the remaining lead supply pipes. The on-site H&S briefing was thorough and well considered, and the mobile welfare facilities were excellent. Scottish Water and contractor vans were inspected, and were generally found to be well ordered and clean; fittings were bagged, spill kits were available and no fuel was being transported. Hand washing facilities were good in all inspected vans. All chlorous tablets were in date and there were no old solutions in vans; it was reported that chlorous is made up freshly when required.

Scottish Water staff and contractors appeared to be working well together, with good levels of supervision given to manual workers.

An Impact Assessment Form was readily available along with the appropriate GIS records and communications to consumers. All staff present had valid DOMS cards, other than the Project Manager from Scottish Water's Managed Delivery Team, who only had a valid HCoP and sampling card.

Water samples had been taken, and the appropriate paperwork had been completed, but the supply had been marked as being chlorinated rather than chloraminated. Given that there have been issues with free chlorine readings in the area recently, it is suggested that all staff who may be working in chloraminated zones are made aware of this to avoid any confusion.

The NSO was proficient in taking chlorine readings using a Palintest portable monitor, and appropriate free and total chlorine results for a chloraminated supply were obtained by the NSO. All Palintest reagents (tablet and liquid) were in date, and the calibration standards gave acceptable readings and were also in date. It was noted that the Palintest monitor is not on a scheduled service plan, but is sent for servicing when calibration tests show issues. It is strongly recommended that Scottish Water ensures that all water quality portable instrumentation is serviced in accordance with manufacturers' instructions.