

## Turriff Regulation Zone, East Region

26 October 2016

**DWQR Staff Present**

Bill Byers

**Scottish Water Staff Present**

Graeme Forbes, Gary Massie, Eric Ross, Colin Napier, David Hill

### Summary of Inspection

#### Overall Summary

An audit on aspects of the operation and maintenance of Service Reservoirs in the Turriff distribution system in the Banff and Strichen areas, taking in Whitehill Auds and Strichen Bransbog Service Reservoirs. In the supply zones fed from the Service Reservoirs, there are only a small number of complaints regarding water quality.

**Number of Findings: 0**

#### Quality of Water

Whitehill Auds had experienced 2 separate failures of the Total Coliforms microbiological standard in 2015 which raised some concern over asset integrity and turnover. The tank has been bypassed since 21st November 2015 and it is currently being refurbished. Strichen Bransbog was recently refurbished following two microbiological sample failures in July and October 2015. There have been no further failures since it's restoration to supply.

#### Asset Robustness

Substantial works are ongoing at Whitehill Auds tank to refurbish the structure and pipework. Strichen Bransbog is in good order having recently been refurbished. The site is well maintained.

#### Operational Practices

There is good evidence of investigation of the possible causes of the sample failures. There is good evidence of adherence to Operational practices regarding valve operations and boundary valve amangement. Records of site handover to the contractor at Whitehill Auds were available for inspection and found to be in order.

#### Management of Risk

The boundary valve changes for the Whitehill Auds bypass were subject to the required authorisation. Records show there are no issues with water level alarms from either Service Reservoir. Hygiene training cards were found to be valid.

#### Recording Information

Information of pipe layout, valve locations and status is maintained in the field GIS system accessible to any NSO required to attend the SRs or network.

#### Water Safety Plan

Both of these Service Reservoirs were recorded in the Water Safety Plans as presenting risk of microbiological failure and requiring improvement works..