

Aviemore Boreholes

29th April 2022

DWQR Staff Present Andrew Kennedy, Matt Bower

Scottish Water Staff Neil Brennan, Fraser Morrison, Katie MacLennan, Jennifer Aitchison

Summary of Inspection

Overall Summary

Raw water is pumped to Aviemore WTW from 4 Boreholes, with normal operation being 3 Duty and 1 Standby pumps. The aquifer is superficial alluvial / glacial sand and gravel with predominantly sandstone bedrock and a high degree of connectivity with the surface and the River Spey. Raw water quality is historically very good, but a number of risks to raw water quality exist near to the boreholes, and the risk from these is enhanced because all borehole headworks are below ground. It is recommended that DWSP's are reviewed and updated to accurately reflect the risks highlighted in the Catchment Summary, so that appropriate interventions can be put in place to safeguard against these known risks.

The boreholes are otherwise well maintained and Scottish Water has a good understanding of their construction and hydrogeology. CCTV surveys are performed regularly to check borehole condition. Treatment assets are also in good condition on the whole and all Scottish Water staff were actively engaged and helpful throughout the audit.

Number of Findings:

4