

Loch Calder WTW, North Region

11/10/2018

DWQR Staff Present

Moira Malcolm

Scottish Water Staff Present

Megan Galloway, Neil Brennan, Gary Geddes, Jim Briggs
Andy Gunn, John Brunton, Sandy Reid, John McLeod
David Mackenzie

Summary of Inspection

Overall Summary

Loch Calder is a large water treatment works serving Caithness. Raw water is generally consistent and is plentiful. Treatment is flocculation/clarification with alum via 4xDAFs, followed by lime and poly dosing and filtration via 5xRGFs. Disinfection with hypo and ammoniumsulphate for chloramination due to length of network (no significant THMS issues). Final water quality is generally good, although nitrite issues have been identified at more remote SRs which needs careful control.