

North Hoy WTW, East Region

11 October 2017

DWQR Staff Present

Bill Byers, Alison Seton

Scottish Water Staff Present

Colin Luke, Sigur Thomson, Colin Napier, Jon Moses, David Hill

Summary of Inspection

Overall Summary

North Hoy Water Treatment Works supplies consumers on the Island and those on Graemsay via an undersea pipeline. It is an old works, very much showing its age and has been the subject of a number of water quality events in recent years. The works has benefitted from the recent addition of a new Clear Water Tank which provides significant storage and security of supply for consumers. It has also allowed processes to be run with more stability aiding the disinfection process and helping to reduce the formation of THMs. Completion of a new membrane filtration system and controls which is currently being fabricated and expected to be in place within the next few months, will see these issues fully resolved. The improvements to current processes identified as actions and recommendations from water quality incidents have been put in place although the more recent items have still to be fully commissioned. Operators have made good use of the limited space within the works maintaining a reasonably ordered space around process equipment. There is scope however for improved record keeping e.g. of task scheduling and sampling and this should be strengthened in the training provided for the new treatment plant.