



Drinking Water Quality Regulator
for Scotland

Incident Assessment

Foula WTW Cryptosporidium Failure 15 August 2011

DWQR Inspector:
William Byers

Summary of Incident

This incident was declared following detections of *Cryptosporidium* oocysts in samples collected from the final water supply produced at Foula WTW. The maximum level of *Cryptosporidium* detected in any sample was 0.026 oocysts/10 litres and although the level of failures was low, Scottish Water were unable to demonstrate compliance had been restored until March 2012.

DWQR declared this to be an incident due to the length of time before water quality was shown to be restored.

DWQR Assessment of Cause of Incident

Foula WTW currently has very basic treatment that is not capable of removing *Cryptosporidium* oocysts.

DWQR Assessment of Actions Taken by Scottish Water

Scottish Water has prepared an upgrade to the treatment works which will include provision of a cartridge filtration stage for *Cryptosporidium* removal. The improvement works are due to commence in summer of 2012 and are scheduled to be completed by June 2013.

