



Belgooly D0541-01
RI001453, RI001454, RI001455

8th November 2013.

Question: Please indicate the ammonia concentration which can be achieved in the effluent from the WWTP servicing the new network. Please also provide any relevant information on the reason why the design concentration may not have been achieved in recent times.

Answer: The Belgooly WWTP is operated by EPS Pumping and Treatment Systems on behalf of Cork County Council. Currently as part of that contract EPS do not test for ammonia. To accurately assess the ammonia concentration which can be achieved at the plant we have undertaken to sample the effluent from the plant over a weekly period to ascertain the current levels of ammonia. Preliminary results will be available on Tuesday 12th November. Cork County Council have taken upstream & downstream samples of the river. The ammonia level was 0.44mg/l. The EQS (95%ile) for ammonia is 0.14m/l. This means that the EQS for the river was broken before the river mixes with the plant effluent (assuming the conditions are the same as the 95% at the time)

Question: Please clarify whether the sewerage network servicing the four residences and commercial premises in the village centre, as described in the application, is in private ownership, or in the ownership of Cork County Council.

Answer: The sewerage network servicing the four residences and commercial premises in the village centre is in private ownership. Cork County Council do not have charge of this network.

Question: Please provide detail of any plans, including timeframes, for ensuring that the currently untreated discharge from the old sewerage network in the village (designated as "Network 1" in the application) receives appropriate treatment prior to discharge.

Answer: Irish Water are carrying out an assessments of all capital schemes for funding for the period 2014 -2015. A Business Case Review for Belgooly WWTP & Collection System has been submitted and will be assessed for funding as part of that process.

Your reply to this notice should include a revised non-technical summary which reflects the information you supply in compliance with the notice, insofar as that information impinges on the nontechnical summary.

There has been no material change to the agglomeration since the licence application and therefore the non-technical summary submitted as part of that licence remains valid.

Helena O'Riordan
Senior Executive Engineer,
Waste Water Operations,
Cork Co. Council.