



**OFFICE OF CLIMATE,
LICENSING & RESOURCE USE.**

**INSPECTORS REPORT ON A WASTE WATER DISCHARGE
CERTIFICATE OF AUTHORISATION APPLICATION**

To:	Frank Clinton, Programme Manager, ELP		
From:	Yvonne English	Environmental Programme	Licensing
Date:	2 February 2011		
Re:	Application for a Waste Water Discharge Authorisation from Cork County Council, for the agglomeration named Kealkil, Reg. No. A0398-01.		

Schedule of Discharge Authorised:	Discharges from agglomerations with a population equivalent less than 500
Certificate of Authorisation Application Received:	30 November 2010
Submission(s) Received:	No

This application relates to the Kealkil agglomeration in County Cork. The agglomeration currently has a population equivalent (p.e.) of 269. The agglomeration is serviced by two waste water treatment plants (WWTP). The first WWTP is an oxidation ditch with a design p.e. of 273. The second WWTP is a septic tank with a design p.e. of 39.

The WWTP discharges to the Owvane River. Based on the nearest EPA water quality monitoring station, 2.7 km downstream, the biological Q-value is Q4 (sampled in 2009).

The agglomeration is discharging upstream of an area known for the presence of the pearl mussel (*Margaritifera margaritifera*). The pearl mussel site is approximately 3.6 km downstream. The Recommended Certificate of Authorisation (RCoA) states that the certificate of authorisation holder shall, within six months, carry out an ecological assessment of the impact of the discharge(s) from the waste water works on *Margaritifera margaritifera* (the freshwater pearl mussel) in consultation with the National Parks and Wildlife Service (NPWS). Having regard to the results of the risk assessment the certificate of authorisation holder, shall within six months thereafter, implement the recommendations in the risk assessment report.

The certificate of authorisation applicant was required to complete a screening of the potential impact of the discharge(s) from the agglomeration on the designated European

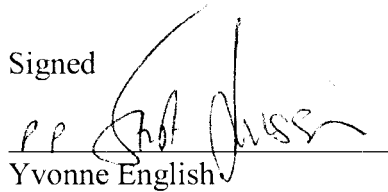
Site(s) downstream of the agglomeration. The certificate of authorisation applicant carried out a screening which identified that the discharge(s) was not likely to have a significant impact on a European site.

The discharge(s) from the agglomeration are considered not likely to have a significant impact on the receiving waterbody subject to the Certificate of Authorisation Holder complying with the conditions of the RCoA.

Recommendation

I recommend that a Final Certificate of Authorisation be issued subject to the conditions and for the reasons as set out in the attached Recommended Certificate of Authorisation.

Signed

A handwritten signature in black ink, appearing to read 'Yvonne English', is written over a horizontal line. The signature is stylized and cursive.

Yvonne English

Inspector

Office of Climate, Licensing and Resource Use