

# Comhairle Contae Chorcaí

## Cork County Council



Inspector Sean O'Donoghue  
Environmental Licensing Programme  
Office of Climate, Licensing & Resource Use  
EPA

19<sup>th</sup> August 2013

### Licensing Action – Reg 18(3)(b) Notice Sent – 2 for Carrigtohill Licence (D0044-01)

Dear Sirs,

Further to the notice dated 21<sup>st</sup> August 2013 please find enclosed responses and attachments in reply.

Question:

An update of the application to include details of the programme of improvements for the agglomeration, and include a timeframe for completion of the improvement works. In particular, please provide detail on:

- The capacity of any new storm water holding tanks proposed
- The normal and maximum daily treated effluent volumes discharged from the WWTP
- Confirmation as to whether the reconfiguration of the plant to operation in parallel has impacted on the volumes of untreated effluent discharged

Answer:

#### **Programme**

August – September 2013

Tendering period for proposed Design Build Operate WWTP contract

October – November 2013

Tender assessment period

December 2013

Approval from DECLG to award contract

January 2014 – June 2015

Construction of proposed WWTP

July 2015 – September 2015

Process proving and commissioning of proposed WWTP

## **Normal and Maximum Daily Treated Volumes**

For the months of January to March 2013

Average Flows = 3,180 m<sup>3</sup>

Max. Flow = 5,750 m<sup>3</sup>

Min. Flow = 1,570 m<sup>3</sup>

## **Storm Water Holding Tanks**

The foul pumping stations at Old Cobh Road and the IDA Estate are to be upgraded as part of the proposed WWTP DBO Contract. Storm water holding tanks are to be provided to hold 2 hours storage at 3 DWF equivalent to 520m<sup>3</sup> storage at the IDA pump station and 400m<sup>3</sup> storage at the Old Cobh Road pumping station.

## **Reconfiguration of plant**

The reconfiguration of the plant to operate in parallel streams was undertaken to increase the receiving capacity of the works. All flows arriving at the works are conveyed through the treatment process and are discharged via the treated effluent outfall.

Question:

The drawing entitled Agglomeration Boundary dated 28<sup>th</sup> August 2008, received by the Agency on 1<sup>st</sup> September 2008, did not include the proposed site of the new WWTP within the red line depicting the agglomeration boundary. Please submit a revised drawing to include all areas of the agglomeration. Note that the agglomeration boundary shall include all areas serviced by the sewer network and shall include the wastewater treatment plant. All areas of the agglomeration shall be within the agglomeration boundary.

Answer:

Please find attached a revised drawing with requested changes.

Question:

Describe for both the existing and proposed situations under what circumstances and overflow occurs or will occur for each of the overflows within the agglomeration. Confirm if these overflows are storm water overflows and/or emergency overflows.

Answer:

There are high level emergency overflows in each of the Council operated pumping stations within the agglomeration. These will only discharge in the event of extenuating circumstances such as pump failure.

Question:

Please provide a copy of the planning approval received for the upgrade project.

Answer:

A copy of the Ministerial Consent to the Environmental Impact Statement for the WWTP is attached for information. Also attached is the Part VIII planning approvals granted by the Planning Authority, Cork County Copuncil for the proposed upgrades of the foul pumping stations at Old Cobh Road and the IDA Industrial estate.

Question:

Please confirm whether there is any additional information available concerning the discharge modeling conducted by UCC for the proposed discharge from the new WWTP (e.g. a copy of the any report, or other relevant material prepared by UCC). Please submit a copy of any such information

Answer

Please see attached documentation as requested.

Please let me know if any further detail is required.

Yours sincerely,

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**Duane O'Brien**  
**Water Services Investment Programme**  
**Project Team**  
**Cork County Council.**

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