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28<sup>th</sup> March 2014

IW-ER-LT0010

**Re: Killavullen Water Discharge Licence Application D0447-01**

Dear Loretta,

In response to the EPA correspondence dated the 3<sup>rd</sup> of January 2014 requesting clarification in relation to the response submitted to a request for further information in accordance with Section 18 of the Waste Water Discharge (Authorisation) Regulations 2007, Irish Water acknowledges the response issued by Cork County Council in relation to the Killavullen waste water discharge licence application (D0438-01) was submitted on behalf of Irish Water.

Please note that all future correspondence in relation to this application should be addressed to Irish Water.

Best Regards,



Gerry Galvin

Chief Technical Advisor



## Licensing Notice - Unsolicited Correspondence - 2 for Killavullen and Environs Licence (D0447-01)

**Licence:** Killavullen and Environs (D0447-01)

**Status Reason:** Closed

**Issued On:** 01/04/2014

**Action Type:** Licensing Notice

**Status History Action:** Unsolicited Correspondence

Killavullen Unsolicited Information

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## Licensing Notice - Unsolicited Correspondence - 1 for Killavullen and Environs Licence (D0447-01)

**Licence:** Killavullen and Environs (D0447-01)

**Status Reason:** Closed

**Issued On:** 10/01/2014

**Action Type:** Licensing Notice

**Status History Action:** Unsolicited Correspondence

As per email from Billy O'Sullivan dated 19th December 2013, please note the following; • Billy to check if agglomeration map and normal waste water discharge per day are correct (220 m<sup>3</sup>/day was provided in application). Please note the agglomeration map should show all areas of the agglomeration located within, and connected by, the red line boundary including the WWTP. Response: Agglomeration Map is correct (agglomeration boundary reflects village boundary as per County Development Plan). Due to the combined nature of the sewer network serving the agglomeration, the discharge volume increases during periods of rainfall. The dry weather flow is estimated as 154cu.m/day (based on 220lts/head/day) • P.e. being served is 700 according to Focus on Urban Waste Water Discharges in Ireland (update report 2011) <http://www.epa.ie/pubs/reports/water/wastewater/uww/Urban%20Waste%20Water%20Treatment%20in%202011.pdf> Application indicates 900p.e. – is 700 p.e. correct? Response: The p.e. served of 900 as indicated in the application is based on hydraulic flows entering the treatment works. However the sewer network serving the agglomeration is combined in nature which results in increased flows during periods of wet weather. It is unclear as to what period was used to estimate p.e. for the purpose of the licence application and what rainfall fell over this period. Therefore the p.e. served of 700 as stated in the Focus on Urban Waste Water Discharges in Ireland (update report 2011) is more representative of the actual p.e. been served. Regards, Gillian O'Sullivan Waste Water Liaison, Cork Co. Council.

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