

Licensing Reply - Reg 18(3)(b) Reply Received - 2 for Tullow Wastewater Treatment Plant Licence (D0091-01)

Licence: Tullow Wastewater Treatment Plant (D0091-01)

Status Reason: Closed

Issued On: 21/05/2013

Action Type: Licensing Reply

Status History Action: Reg 18(3)(b) Reply Received

Dear Applicant

I refer to your application for a waste water discharge licence relating to agglomeration named Tullow.

Having examined the documentation submitted, I am to advise that the Agency is of the view that the documentation does not comply with Regulation 16 of the Waste Water Discharge (Authorisation) Regulations 2007, as amended.

You are therefore requested, in accordance with Regulation 18(3)(b) of the regulations, to take the steps to supply the information detailed below:

REGULATION 16 COMPLIANCE REQUIREMENTS

Question

Provide an update of the current situation at the Tullow agglomeration in relation to the proposed Waste Water Treatment Plant/Network upgrade. Provide details of the programme of improvements for the agglomeration, include a timeframe for completion of the improvement works. Also, provide an update to the application as necessary.

Associated Documents

Response	A Preliminary Report and Environmental Impact Statement was prepared for the upgrading of the WWTP and Network for Tullow Town (along with Rathvilly and Hacketstown). This report was submitted to the DECLG in February 2010 for approval. To date this report has not been approved. The report made a number of recommendations including: (1) the construction of a 10,000 pe plant (2) the upgrading of sewers and pumpstations on the network that will comply with Formula A There is not a timeframe for the completion of the works and until approval for the scheme is granted works will not commence. If the scheme was funded there is approx. 2-3 years between appointment of consultants, preparation of tender documents, tender process, appointment of contractor, construction phase and commissioning.
Associated Documents	
Question	Clarify the design population equivalent (p.e.) of the WWTP, the current p.e. to the plant, the projected p.e. to be contributed to the waste water works over the next six years, bearing in mind planning permission that has been granted for development but where development has not been completed to date, and provide the percentage p.e. to be contributed by non-domestic activities.
Associated Documents	
Response	The proposed design population is 10,000 pe. The design capacity of the current plant is 4,000pe. The current loading of the plant is 5,745pe. The expected loading over the next 6 years is expected to reach 6,500pe. The current pe from non-domestic activities is 1,712 pe. There are a number of houses completed but not lived in Tullow and if they were occupied they would contribute another 377pe. I have included these in the 6,500 pe for the short to medium term.
Associated Documents	
Question	Confirm the daily normal and daily maximum effluent volumes emitted from the primary discharge, expressed as m3/day.
Associated Documents	
Response	There are no effluent meters installed at Tullow WWTP and therefore it is not possible to give a value on the daily normal and daily maximum effluent volumes emitted from the primary discharge.
Associated Documents	
Question	Provide the grid reference for Tullow WWTP.
Associated Documents	
Response	X 284578 Y 172137
Associated Documents	
Question	Describe under what circumstances an overflow occurs for each of the overflows in the agglomeration. Confirm if these overflows are storm water overflows and/or emergency overflows. Note that emergency overflows include overflow mechanisms constructed as part of pump sump infrastructure, whereby a power failure, essential maintenance or other similar interruption in normal operations results in a discharge of untreated waste water from the sump as a consequence of the pumps being disabled - discharges resulting from insufficient hydraulic capacity within the system are not regarded as emergency discharges."
Associated Documents	

Response	There is one Storm Water Overflow in the Agglomeration located upstream of the siphon. Overflows from this location are irregular if the siphon is not blocked and only operates during periods of higher very high intense rainfall. The remaining overflows are emergency overflows at pumpstations and only overflow if there is a problem at the PS e.g. pumps tripped, power outage.
Associated Documents	
Question	Provide the design specification the WWTP can be expected to achieve following the completion of any improvement works to the plant/agglomeration for BOD, COD, Suspended Solids, Ammonia and Ortho-phosphate. Also indicate specifications for the current discharge with respect to these parameters.
Associated Documents	
Response	The PR proposes the following discharge limits: BOD 25mg/l COD 125mg/l SS 35mg/l Ammonia 3mg/l Nitrates 10mg/l Orthophosphate 1mg/l This was based on the 2031 loadings and estimated a population of 15,386pe and a DWF of 3,424m3/day. The attached spreadsheet shows the current discharge results from the WWTP.
Associated Documents	<ul style="list-style-type: none"> • Copy of Tullow WwTP Results 2011 to 2013.xlsx
Question	Indicate if the current discharge and the proposed discharge following completion of any proposed plant/network upgrades is compliant with Council Directives as required in Section G of the application.
Associated Documents	
Response	The current discharge and the proposed discharge following completion of the proposed plant/network upgrades is compliant with the council directives as per Sectio G of the application.
Associated Documents	

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 non-technical summary.

In the case where any drawings already submitted are subject to revision consequent on this request, a revised drawing should be prepared in each case. It is not sufficient to annotate the original drawing with a textual correction. Where such revised drawings are submitted, provide a list of drawing titles, drawing numbers and revision status, which correlates the revised drawings with the superseded versions.

Please supply the information by 08/05/2013. Please note that all maps/drawings should not exceed A3 in size.

Please direct any queries that you may have in relation to the above to the Inspector Eimer Godsil or to OCLR Admin Team C.

Yours sincerely

Environmental Licensing Programme

Office of Climate, Licensing & Resource Use

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