

Comhairle Contae Chorcaí Cork County Council

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Administration,
Environmental Licensing Programme,
Office of Climate -Licensing & Resource Use,
Environmental Protection Agency,
Headquarters,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford.

24th January 2011

RE: Regulation 24 Compliance Requirements – Tullylease & Environs A0338-01

1. Please find attached Flow diagram, which indicates that appropriate assessment is not required.
2. Please find attached revised agglomeration drawing
3. The Design PE of the WWTP is 200

Current PE is 160, which includes for festivals & holiday season.

The PE of Agglomeration is 170 based on existing PE loading plus planning's granted but which have not been completed or commenced.

There are no significant public gathering events in the village that should be considered in the calculation of the contributing PE.

4. Please find enclosed CD in PDF Format
5. Revised Non Technical Summary

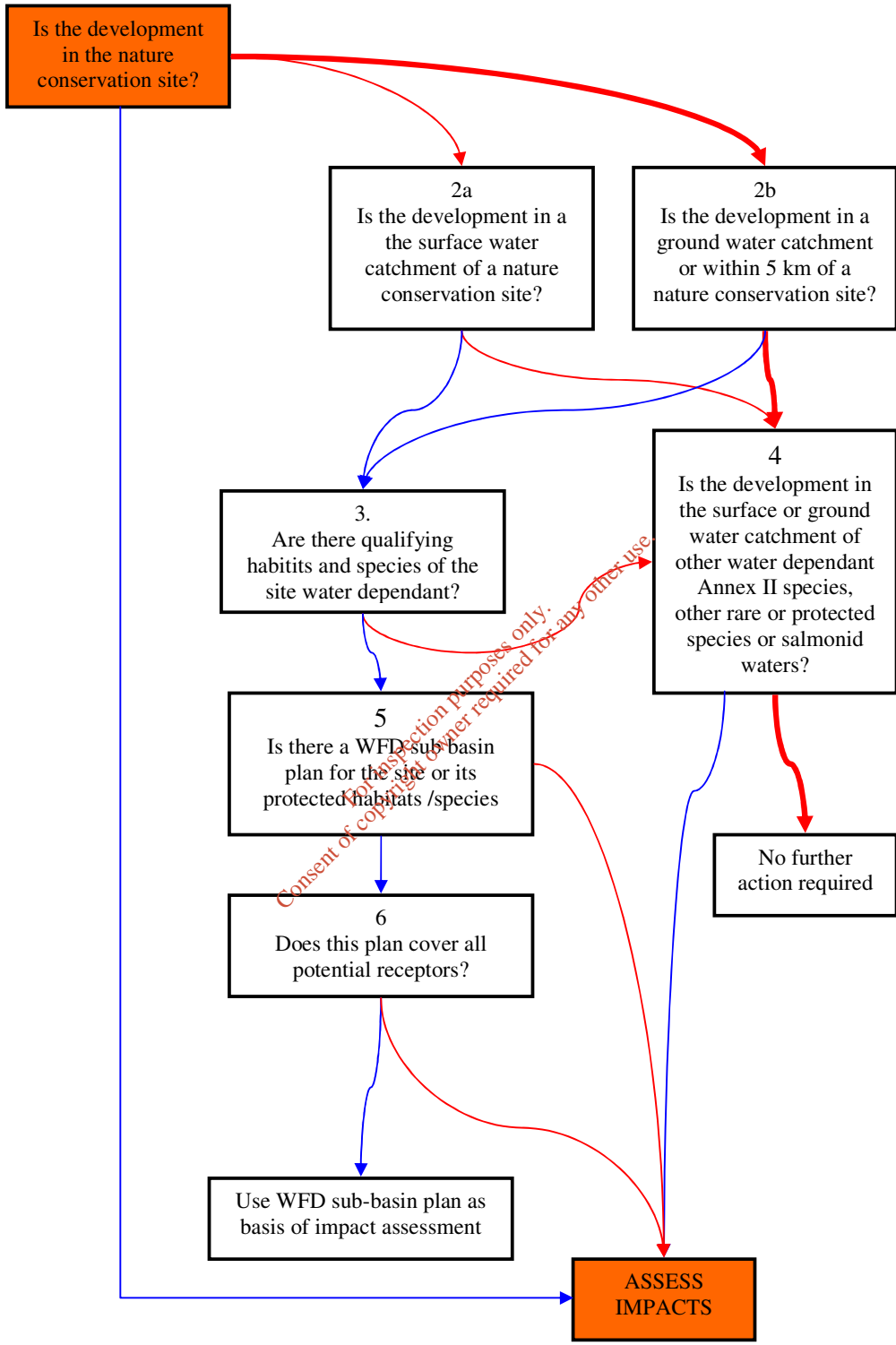
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**Tullylease Flow Chart – A0338-01
Natura 2000 Screening Protocol**



Positive response →

Negative response →

Orange boxes indicate decision flow path

SECTION A: NON-TECHNICAL SUMMARY

Tullylease is situated approximately 15km northeast of Newmarket and is close to the Limerick Border.

The Waste Water Works and the Activities Carried Out Therein

The wastewater in Tullylease is collected in a partially combined foul and separate foul sewerage drainage network. The wastewater from the village gravitates to the wastewater treatment plant.

Tullylease WWTP is designed for a Population Equivalent (PE) of 200, which was commissioned in 1998. The WWTP is a Sequence Batch Reactor, consisting of an inlet sump which pumps the influent to the 2 Nr SBR Tanks. Each tank operates in a sequential arrangement of Fill, Aerate, Settle, Decant.

Currently the WWTP is receiving flows ranging from 35m³/d to 90m³/d, with an average DWF of 30m³/d entering the plant. Based average hydraulic load of 220l/d/p, the PE equates to 160.

Tullylease WWTP is operated by Cork County Council. The plant is operated by a caretaker who duties also involves the maintenance of a number of other small WWTP's in the area. The caretaker is on duty from 8.00am to 5.30pm Monday – Saturday.

The sources of emissions from the waste water works

The pollution load for the Tullylease agglomeration arises from the following areas:

- Domestic population
- Commercial premises
- School
- Infiltration

The sewerage from all commercial premises is collected via the public sewer and treated in conjunction with the domestic waste at the WWTP.

Currently the WWTP is receiving flows ranging from 35m³/d to 90m³/d, with an average DWF of 30m³/d entering the plant.

The nature and quantities of foreseeable emissions from the waste water works into the receiving aqueous environment as well as identification of significant effects of the emissions on the environment

The final effluent is discharged to the a tributary of the Mullaheera River, which is adjacent to the wastewater treatment plant site. The maximum flow to the existing WWTP is in the order of 35m³/d to 90m³/d.

The proposed technology and other techniques for preventing or, where this is not possible, reducing emissions from the waste water works

Technology

The WWTP has a sufficient number of standby pumps, automatic sample facilities, etc is provided to ensure continuation of the wastewater treatment.

The treatment works consists of the following elements:

- Forward Feed Sump

- 2 Nr SBR Tanks
- RAS/WAS Pumps
- Outfall to stream

Techniques

The new WWTP shall be operated and managed in accordance with the Performance Management System, developed by the Water Service National Training Group (WSMTG) when required

Further measures planned to comply with the general principle of the basic obligations of the operator, i.e., that no significant pollution is caused

Currently there are no works listed to be undertaken under the Waste Service Investment Programme 2007-2009.

Measures planned to monitor emissions into the environment

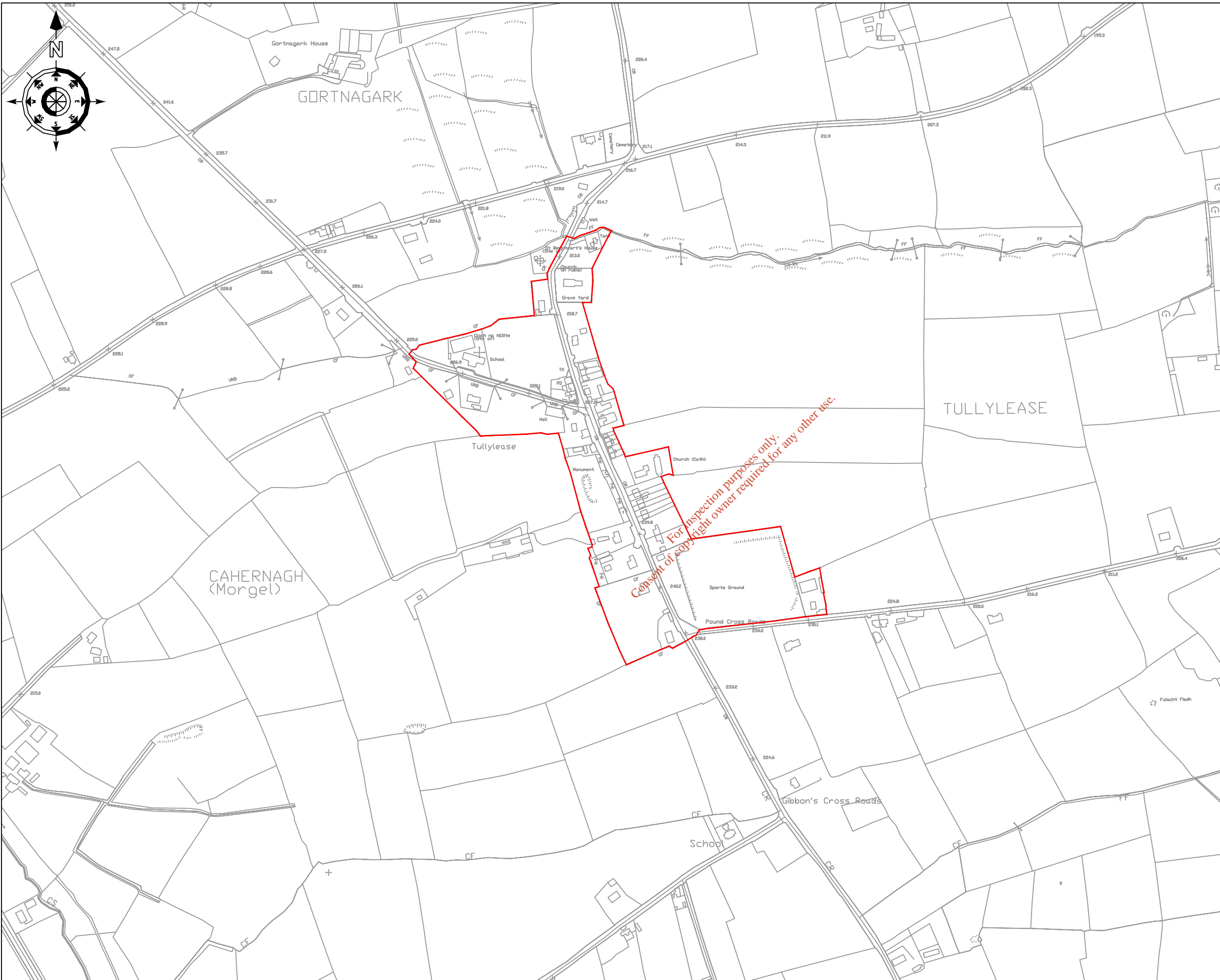
The Cork County Council Environmental Laboratory carries out sampling of the influent and effluent biannually. Sampling, Monitoring and analysis of the wastewater sludge is also undertaken by the Environmental Laboratory.

The EU Water Framework Directive Monitoring Programme is to be fully operational by the year 2012. This monitoring programme was prepared by the EPA to meet the requirements of the EU Water Framework Directive (2000/60/EC) and National Regulations implementing the Water Framework Directive (S.I. No. 722 of 2003) and National Regulations implementing the Nitrates Directive (S.I. No. 788 of 2005).

List of Attachments include the following:

- | | |
|-------------------------------|---------------------|
| • Location Map Scale 1:50,000 | Attachment A1 Map 1 |
| • Site Location Map of WWTP | Attachment A1 Map 2 |
| • Site Layout | Attachment A1 Map 3 |

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- NOTES**
1. Dimensions are not to be scaled from drawing. For any discrepancies found consult with the design office.
 2. This drawing is to be read in conjunction with the Specification.
 3. This drawing is to be read in conjunction with all other contract drawings.

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No.	Date	Drawn	Survey	Checked	Revision Description
A	12/10	DL	DL	FJ	Revision to Agglomeration Boundary

Cork County Council,
Northern Division.

N. O'KEEFE, B.E.,
COUNTY ENGINEER,
COUNTY HALL,
CORK.

Job Title:
Tullylease & Environs
Waste Water Discharge
Licence Application

Drawing Title:
Agglomeration Boundary
Attachment B1 - Map 4

Scales: 1:5,000 @ A3	Surveyed by: D.L.	Drawn by: D.L.
Designed by: F.J.	Checked by: P.O.F	Date: December 2009
Drawing number: B1 - Map 4	Rev: A	