

# Comhairle Contae Chorcaí Cork County Council

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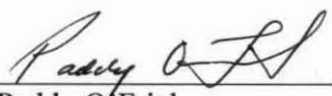
January 2011

## RE: Regulation 24 Compliance Requirements –Kilcorney & Environs A0320-01

1. Please find attached Flow diagram, which indicates that appropriate assessment is required.
2. The design PE of the WWTP is 150 (refer to plant specification in Appendix C)  
The existing PE, estimated by house count taken in 2010, was determined to be 68. The results of the house count are as follows;

| Existing Development |        |     |      |       | Existing<br>Total |
|----------------------|--------|-----|------|-------|-------------------|
| no. of<br>houses     | school | Pub | Shop | Other |                   |
| 16                   | 1      |     |      | 10    | 68                |

3. The agglomeration drawing B1 MAP 4 has been amended and is included on the accompanying CD-ROM.
4. Section C has been amended to include details of the treatment process. The revised COA is included in this submission.

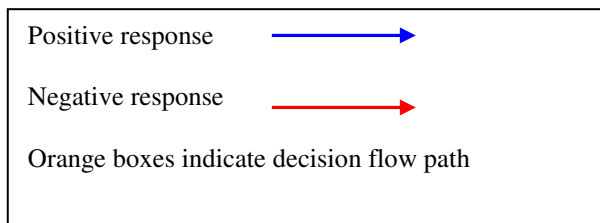
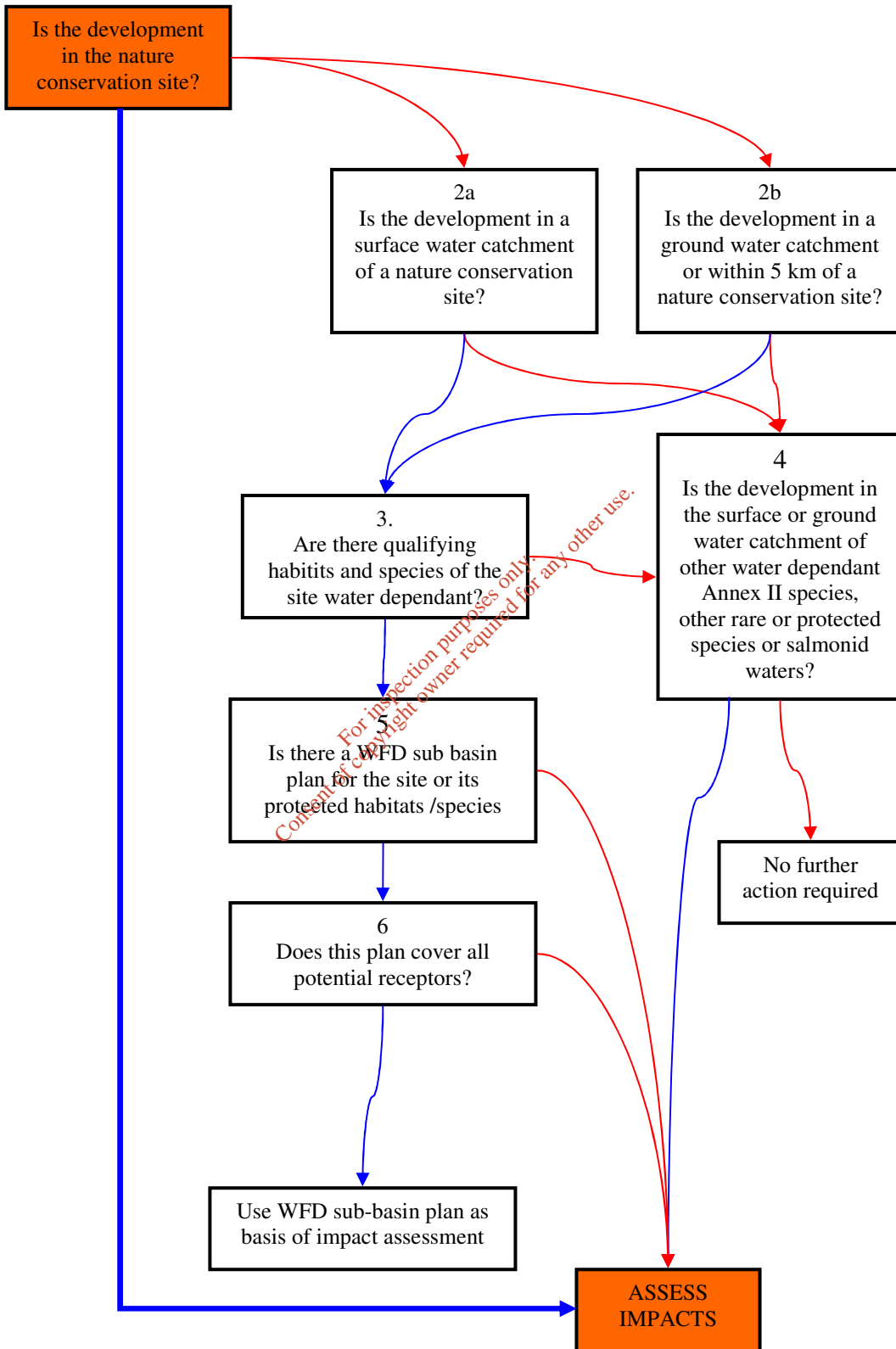
  
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Direct Line: 022-30441



## Kilcorney WWTP

### Natura 2000 Screening Protocol



**Attachment B.11** should contain the most recent licence issued under the Foreshore Act 1933, including a copy of **all** conditions attached to the licence and any monitoring returns for the previous 12-month period, if applicable.

| Attachment included | Yes | No |
|---------------------|-----|----|
|                     |     | √  |

## SECTION C: INFRASTRUCTURE & OPERATION

*Advice on completing this section is provided in the accompanying Guidance Note.*

### C.1 Operational Information Requirements

Provide a description of the plant, process and design capacity for the areas of the waste water works where discharges occur, to include a copy of such plans, drawings or maps (site plans and location maps, process flow diagrams) and such other particulars, reports and supporting documentation as are necessary to describe all aspects of the area of the waste water works discharging to the aquatic environment. Maps and drawings must be no larger than A3 size.

***The WWTP serves the 10 CCC houses, 6 private houses, the school and the hall. The foul sewer gravities to the treatment plant.***

***The influent is treated with a BL1500 package plant. Details of this plant is attached in Attachment C.1.***

***The treatment unit consists of primary settlement, followed by Aerobic Treatment by a rotating biological disc (RBC) followed by final settlement tank.***

***The treatment water is discharged to the River Ivade.***

#### C.1.1 Storm Water Overflows

For each storm water overflow within the waste water works the following information shall be submitted:

- An assessment to determine compliance with the criteria for storm water overflows, as set out in the DoEHLG 'Procedures and Criteria in Relation to Storm Water Overflows', 1995 and any other guidance as may be specified by the Agency, and
- Identify whether any of the storm water overflows are to be decommissioned, and identify a date by which these overflows will cease, if applicable.

***There are no storm water overflows.***

#### C.1.2 Pumping Stations

For each pump station operating within the waste water works, provide details of the following:

- Number of duty and standby pumps at each pump station;
- The measures taken in the event of power failure;
- Details of storage capacity at each pump station;

- Frequency and duration of activation of emergency overflow to receiving waters. Clarify the location where such discharges enter the receiving waters.

***There are no pump stations in the agglomeration.***

**Attachment C.1** should contain supporting documentation with regard to the plant and process capacity, systems, storm water overflows, emergency overflows, etc., including flow diagrams of each with any relevant additional information. These drawings / maps should also be provided as geo-referenced digital drawing files (e.g. ESRI Shapefile, MapInfo Tab, AutoCAD or other upon agreement) in Irish National Grid Projection. This data should be provided to the Agency on a separate CD-Rom containing sections B.1, B.2, B.3, B.4, B.5, D.2, E.3 and F.2.

| Attachment included | Yes | No |
|---------------------|-----|----|
|                     | ✓   |    |

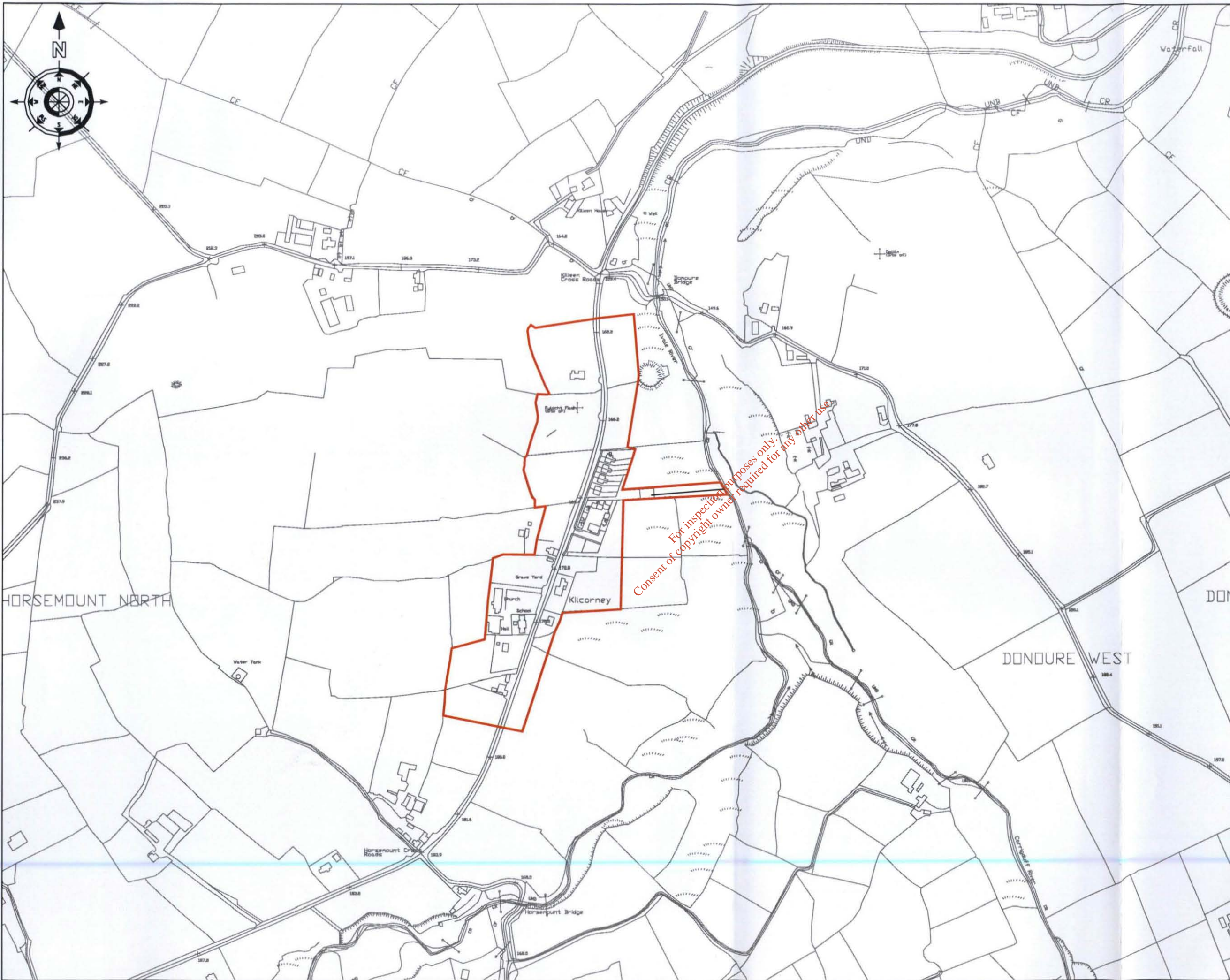


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# Revised Attachment B1

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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.

HORSEMOUNT NORTH

DONDURE WEST

| No. | Date  | Drawn | Survey | Checked | Revision Description               |
|-----|-------|-------|--------|---------|------------------------------------|
| A   | 12/10 | D.L.  | D.L.   | E.M.    | Revision to Agglomeration Boundary |

Cork County Council,  
Northern Division.



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

Job Title:  
Kilcorney & Environs  
Waste Water Discharge  
Licence Application

Drawing Title:  
Agglomeration Boundary  
Attachment B1 - Map 4

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