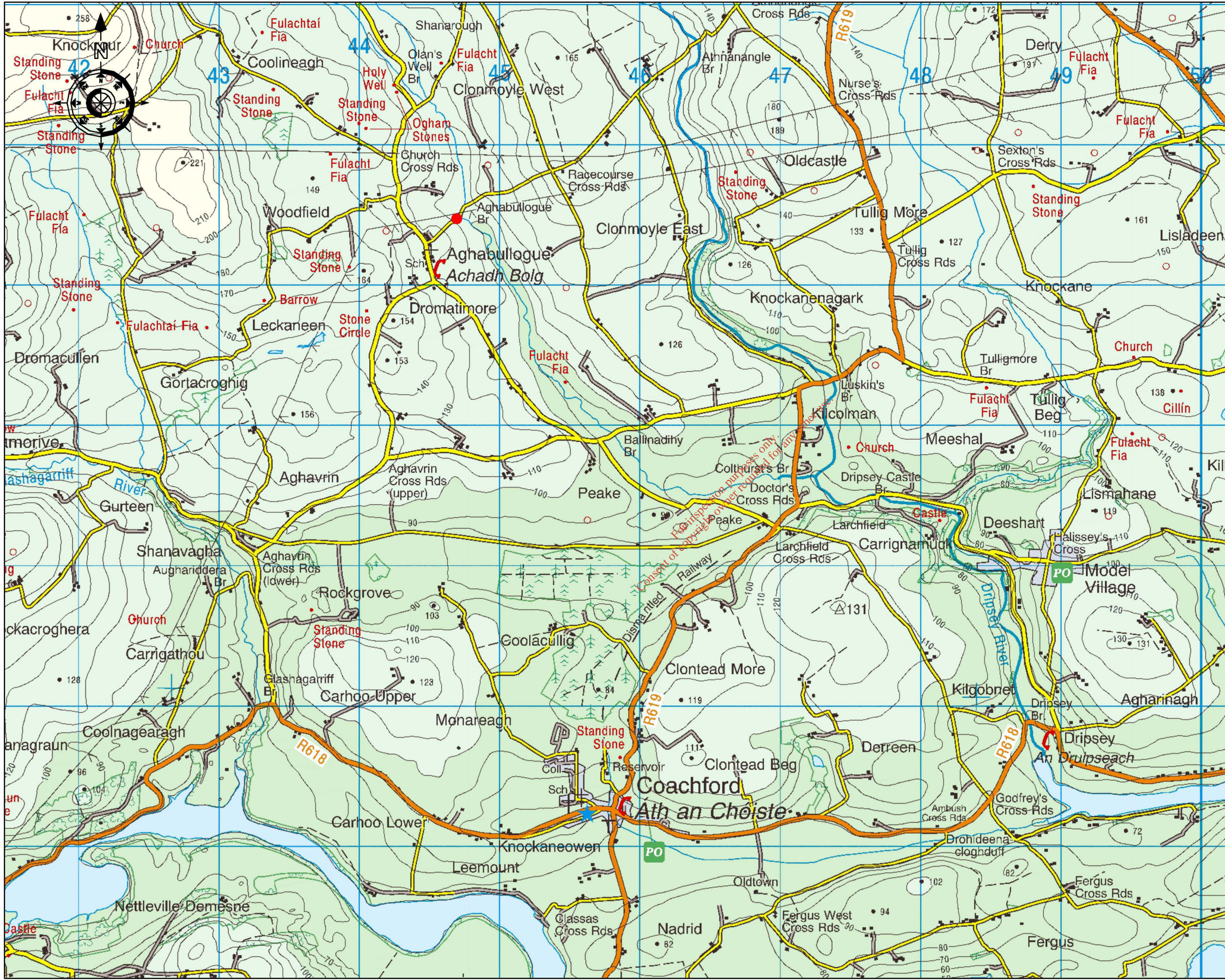


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A1 Map 2	Location of WWTP
A1 Map 3	Site Layout
B1 Map 4	Agglomeration Boundary
B2 Map 5	Location of WWTP
B3 Map 6	Location of Primary Discharge Point
B4 Map 7	Location of Secondary Discharge Point
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B6	Part 8 Planning
B7	Not Applicable
B8	Fees - Letter
B9	Not Applicable
B10	Not Applicable
B11	Not Applicable
C1 Map 8	Location of WWTP
C1 Drg 1	Schematic Showing Treatment Plant Process
D1	Monitoring Information on Influent Samples
D2	Discharge Point
E2	Details of Sampling results from Response Engineering
E2	Details of Accreditation or Certification of Analysis
E3	Monitoring & Sampling Points
E4	Sampling Data
F1	SWRBD Status Report
F2	Abstraction Point
F2	Lee Catchment & Risk Assessment
G1	Not Applicable
G2	Not Applicable
G3	Not Applicable
G4	Not Applicable
Online Data	Online Data submitted to the EPA including Annex


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 WWDC Application.
3. This drawing is to be read in conjunction with all other WWDC drawings.



No.	Date	Drawn	Surv	Chkd	Revision	Description

Cork County Council,
Southern Division.

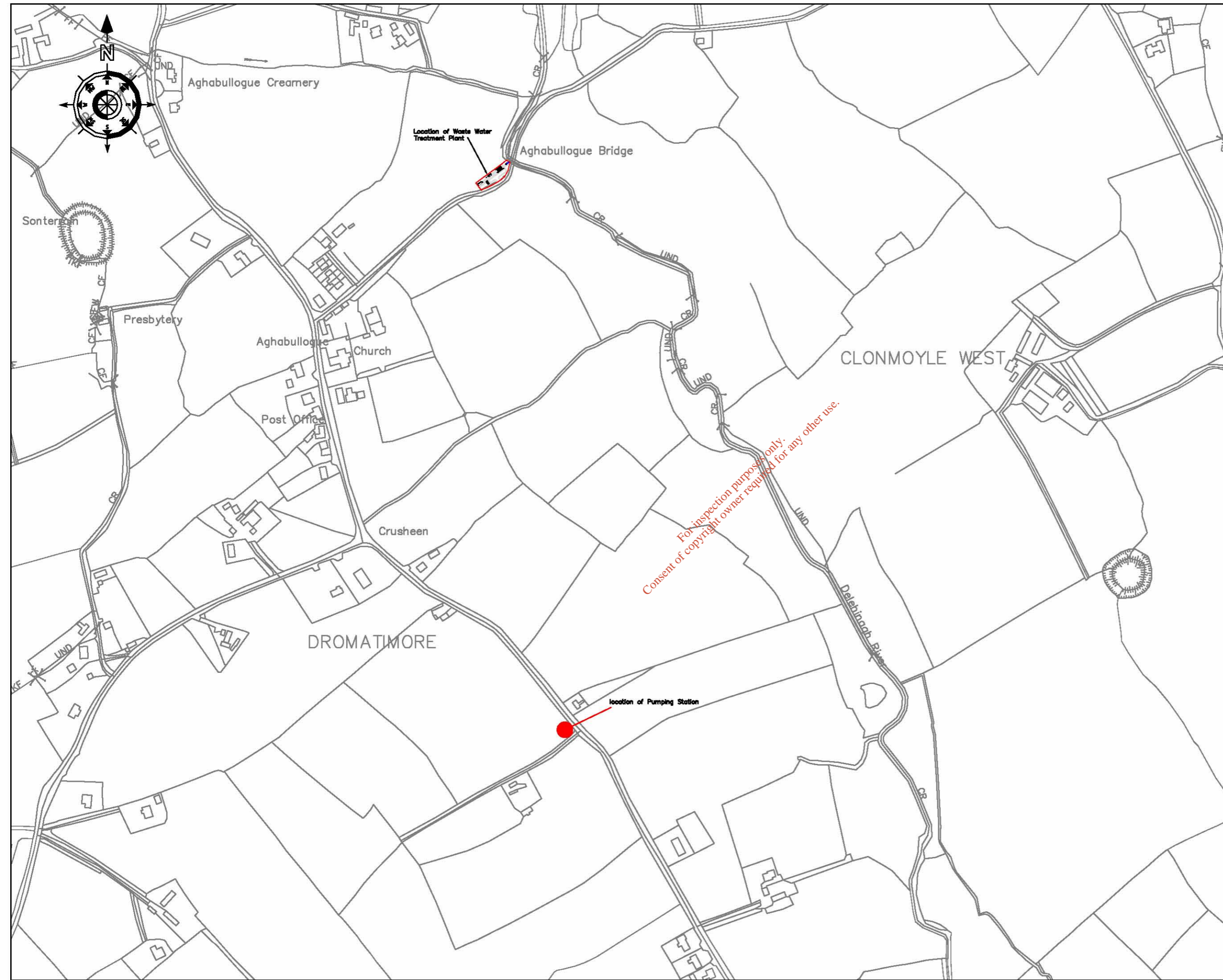


N. O'KEEFFE, B.E.,
COUNTY ENGINEER,
COUNTY HALL,
CORK.

Job Title:
**Aghabullogue
Wastewater Discharge
Certificate Application**

Drawing Title:
**Location Map
Attachment A1 - Map 1**

Scale: 1:25000 @ A3	Surveyed by: O.C	Drawn by: O.C
Designed by: T.O.H	Checked by: M.D	Date: December 2009
Drawing number: A1 - Map 1	Rev: -	



NOTES

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3. This drawing is to be read in conjunction with all other WWDC drawings.

No.	Date	Drawn	Surv	Chief	Revision	Description

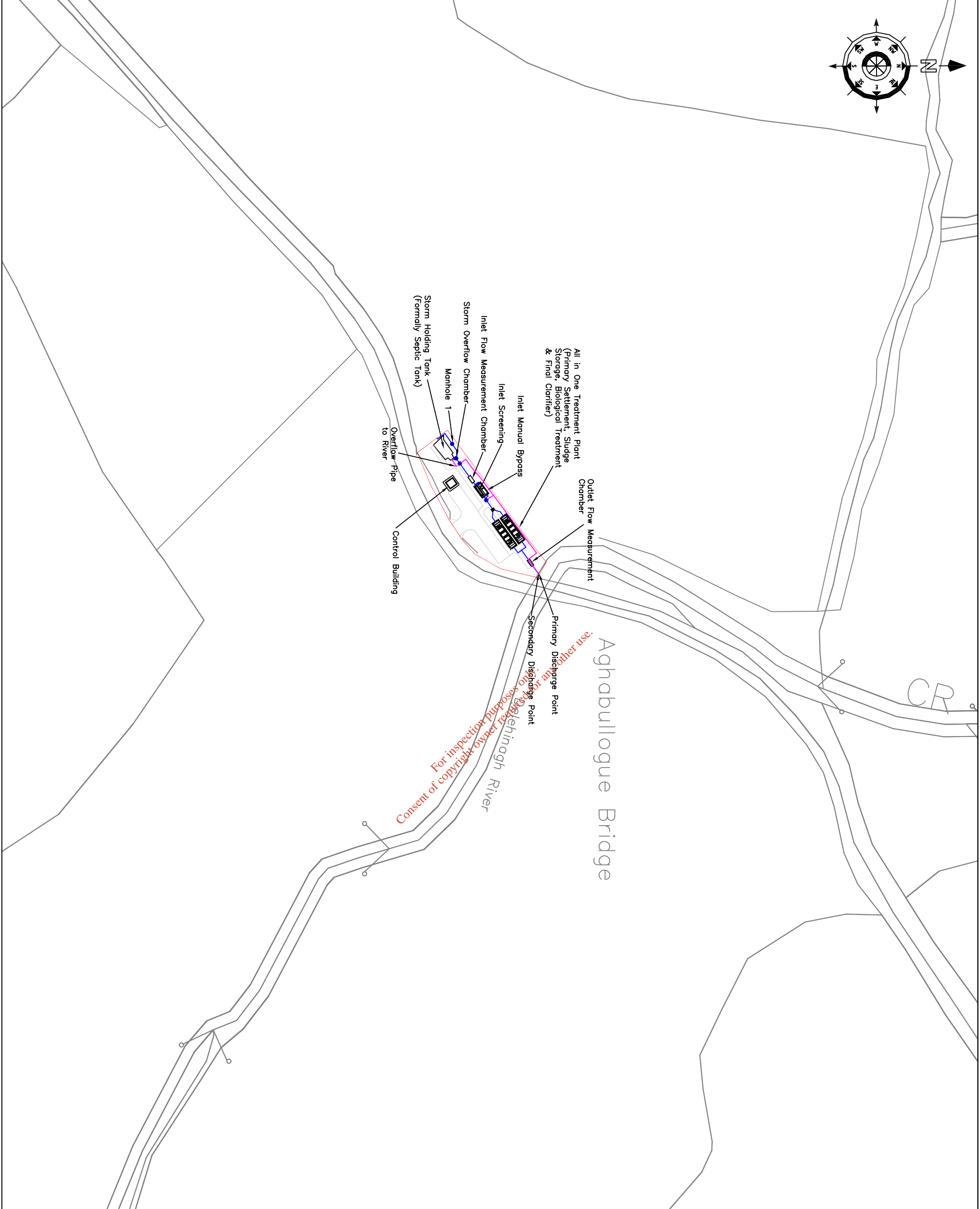
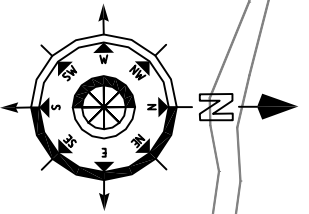
Cork County Council,
Southern Division.

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

Job Title:
**Aghabullogue
Wastewater Discharge
Certificate Application**


Drawing Title:
**Site Location
Attachment A1 - Map 2**

Scale: 1:5000 @ A3	Surveyed by: O.C	Drawn by: O.C
Designed by: T.O.H	Checked by: MB	Date: December 2009
Drawing number: A1 - Map 2		Rev: -



NOTES

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3. This drawing is to be read in conjunction with all other WWDC drawings.

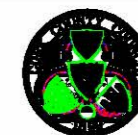
 <p>Cork County Council, Southern Division.</p>		<p>N. O'KEEFE, B.E., COUNTY ENGINEER, COUNTY HALL, CORK.</p>	
<p>Job Title: Aghabullogue Wastewater Discharge Certificate Application</p>			
<p>Drawing Title: Site Layout Attachment A1 - Map 3</p>			
<p>Scales: 1:1000 @ A3</p>		<p>Drawn by: O.C.</p>	
<p>Designed by: T.O.H</p>		<p>Checked by: MD</p>	
<p>Drawing number: A1 - Map 3</p>		<p>Date: December 2009</p>	
		<p>Rev: -</p>	

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3. This drawing is to be read in conjunction with all other WWDC drawings.

No.	Date	Drawn	Surv	Chief	Revision	Description

Cork County Council,
Southern Division.



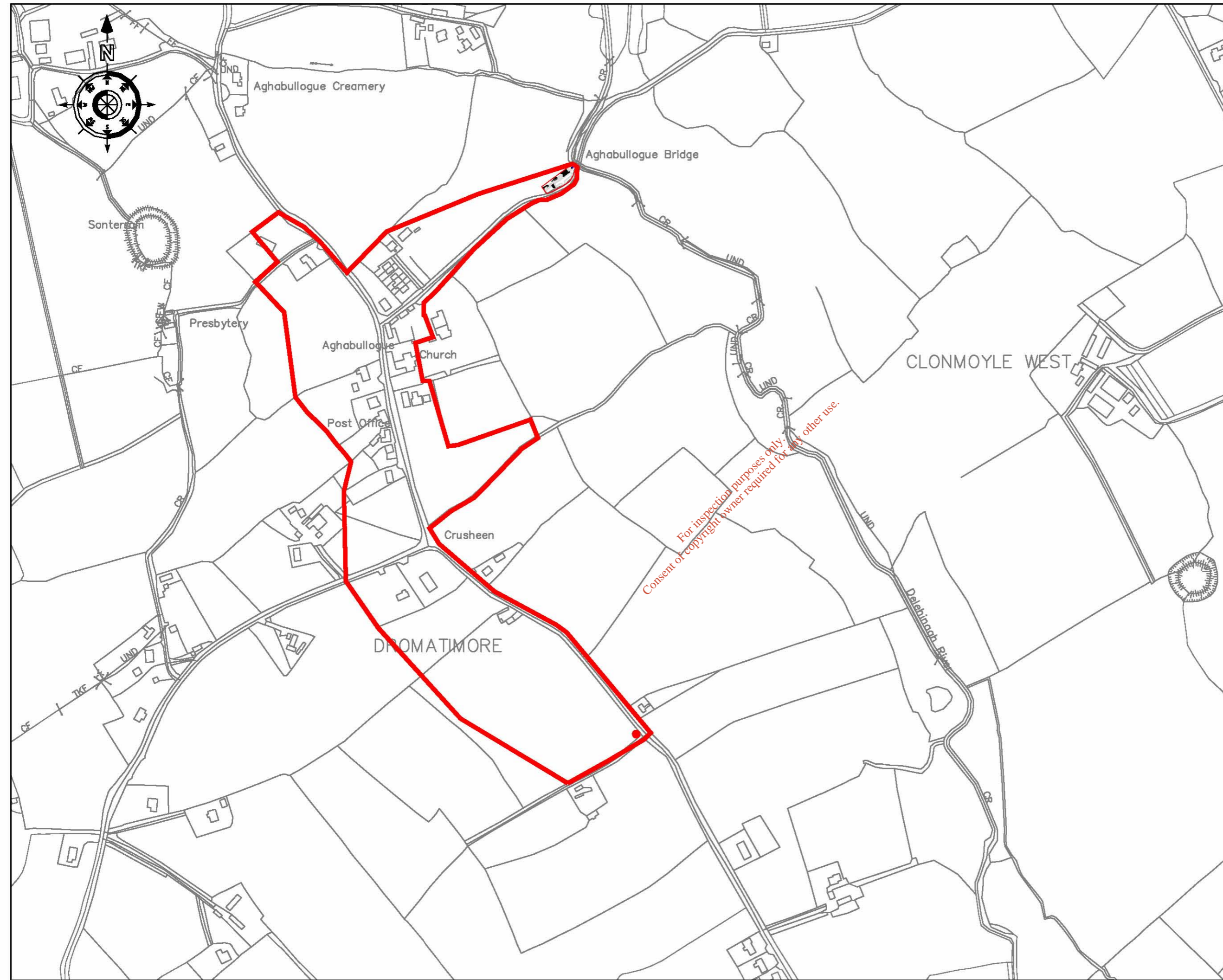
N. O'KEEFE, B.E.,
COUNTY ENGINEER,
COUNTY HALL,
CORK.

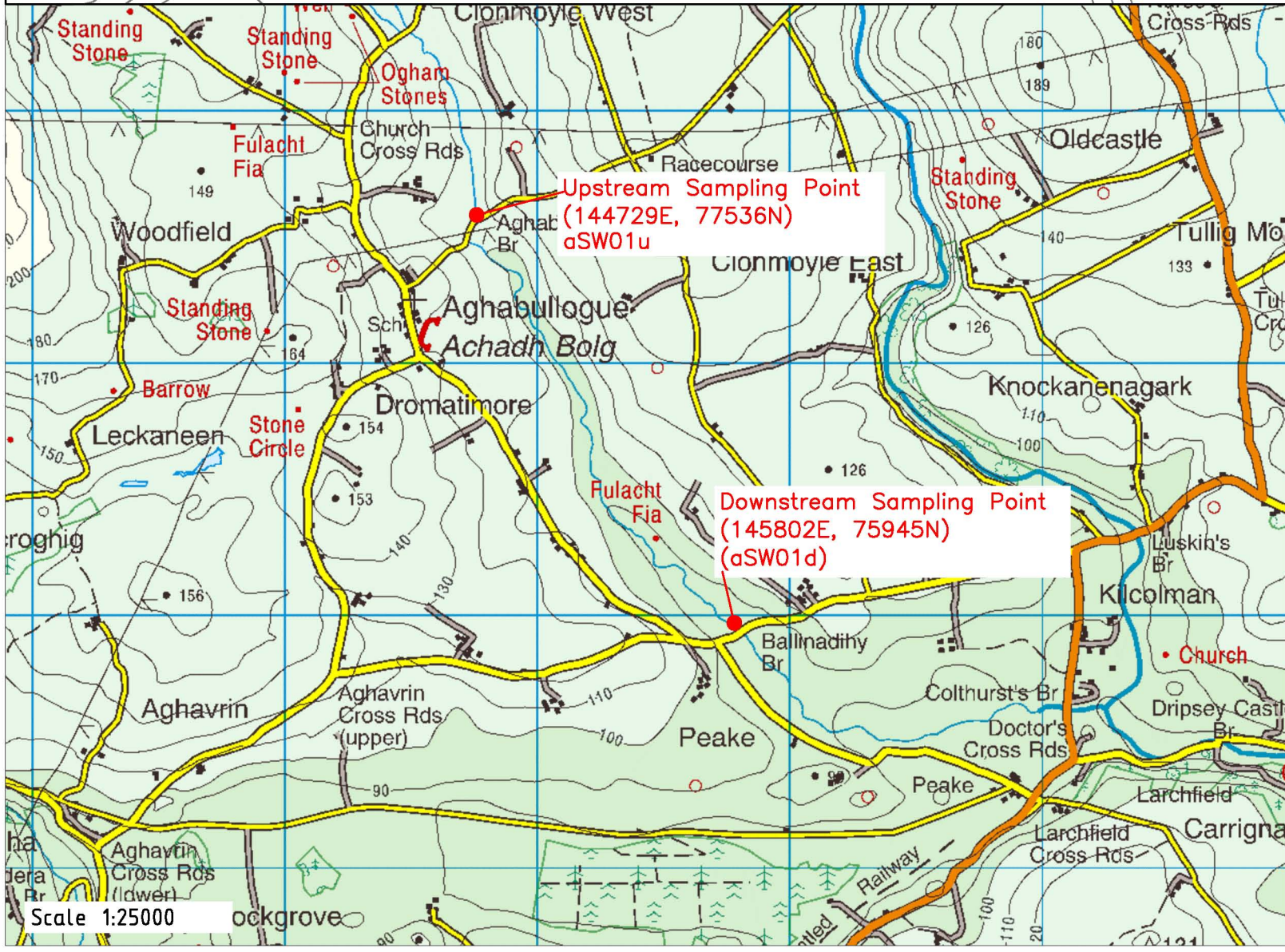
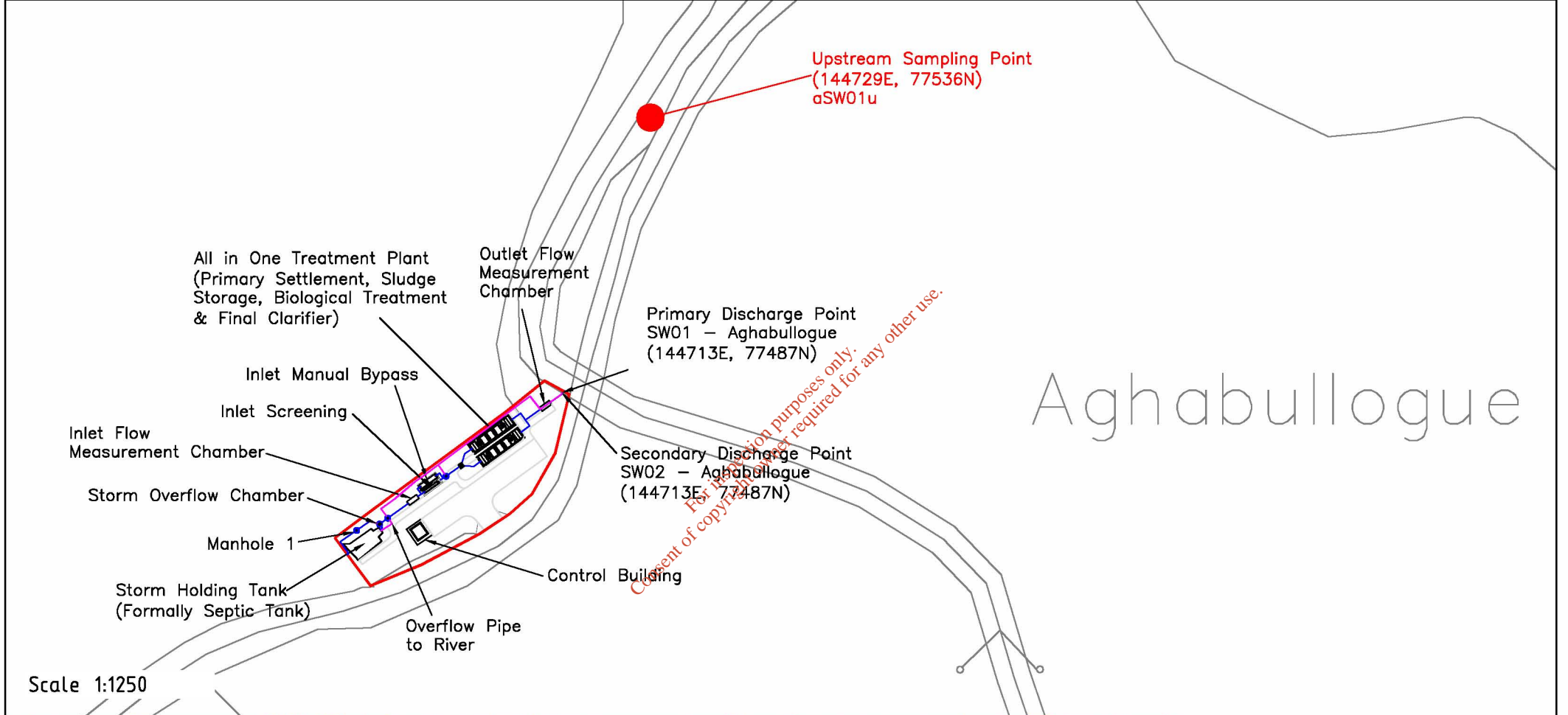
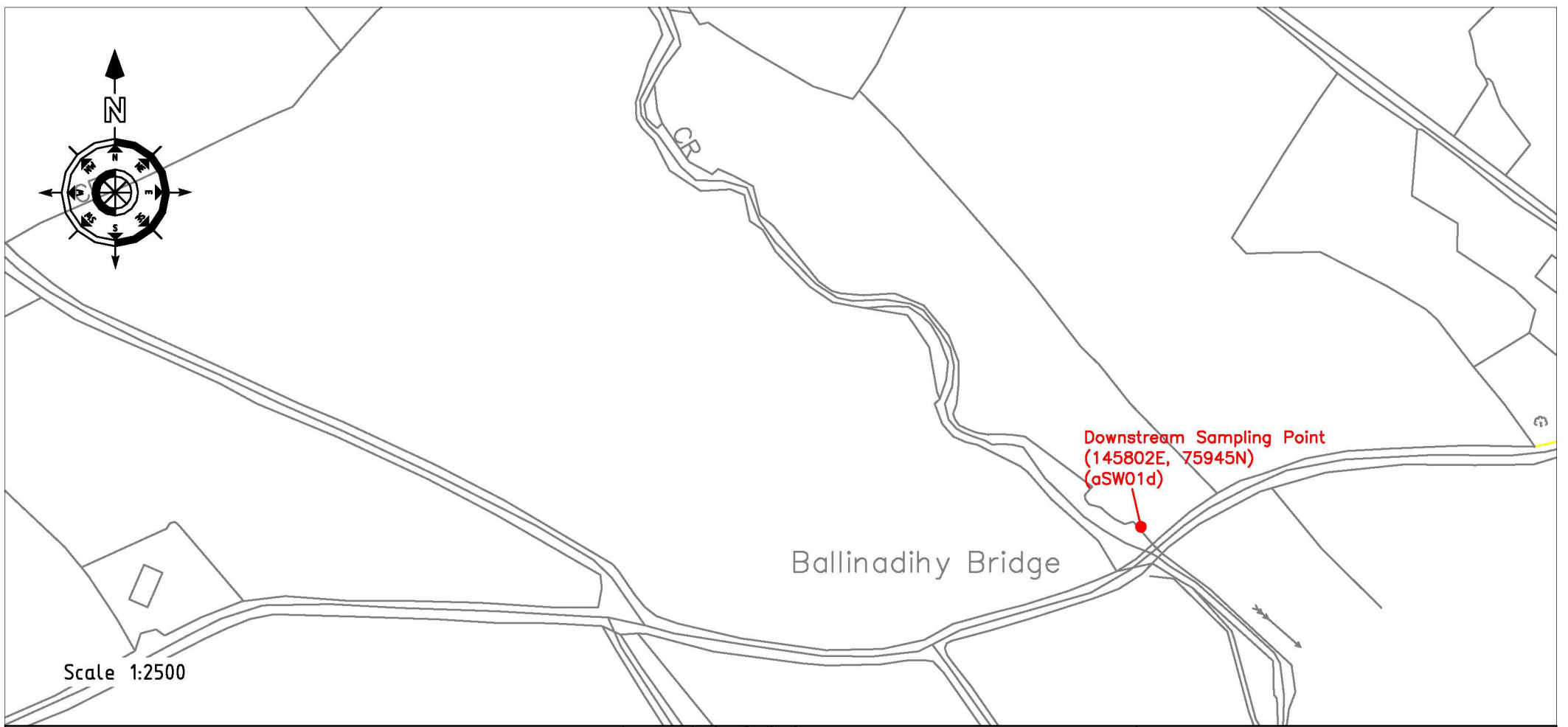
Job Title:
**Aghabullogue
Wastewater Discharge
Certificate Application**

Drawing Title:
**Agglomeration Boundary
Attachment B1 - Map 4**

Scale: 1:5000 @ A3	Surveyed by: O.C	Drawn by: O.C
Designed by: T.O.H	Checked by: M.D	Date: December 2009
Drawing number: B1 - Map 4	Rev: -	

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No.	Date	Drawn	Surv	Chkd	Revision Description

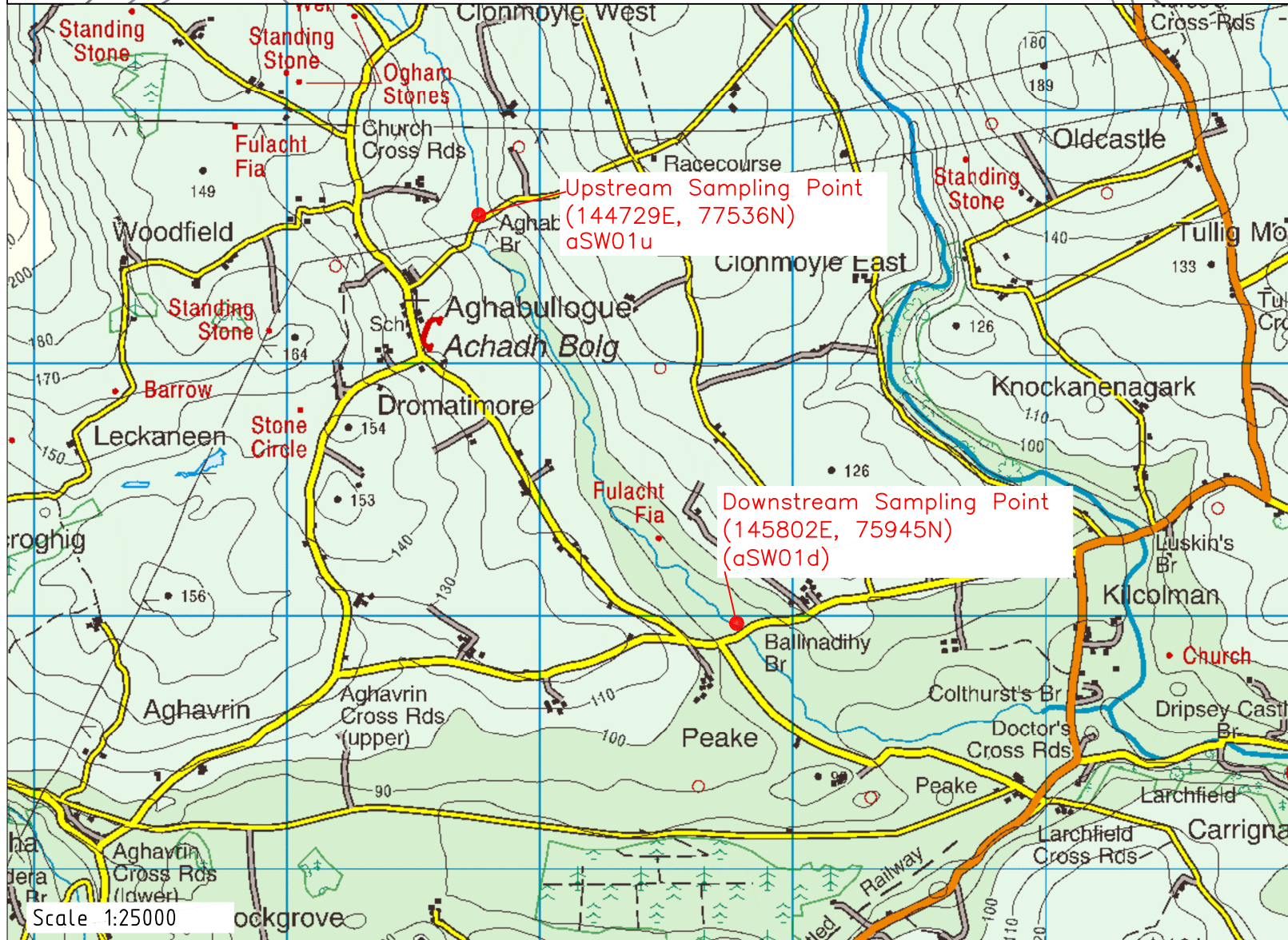
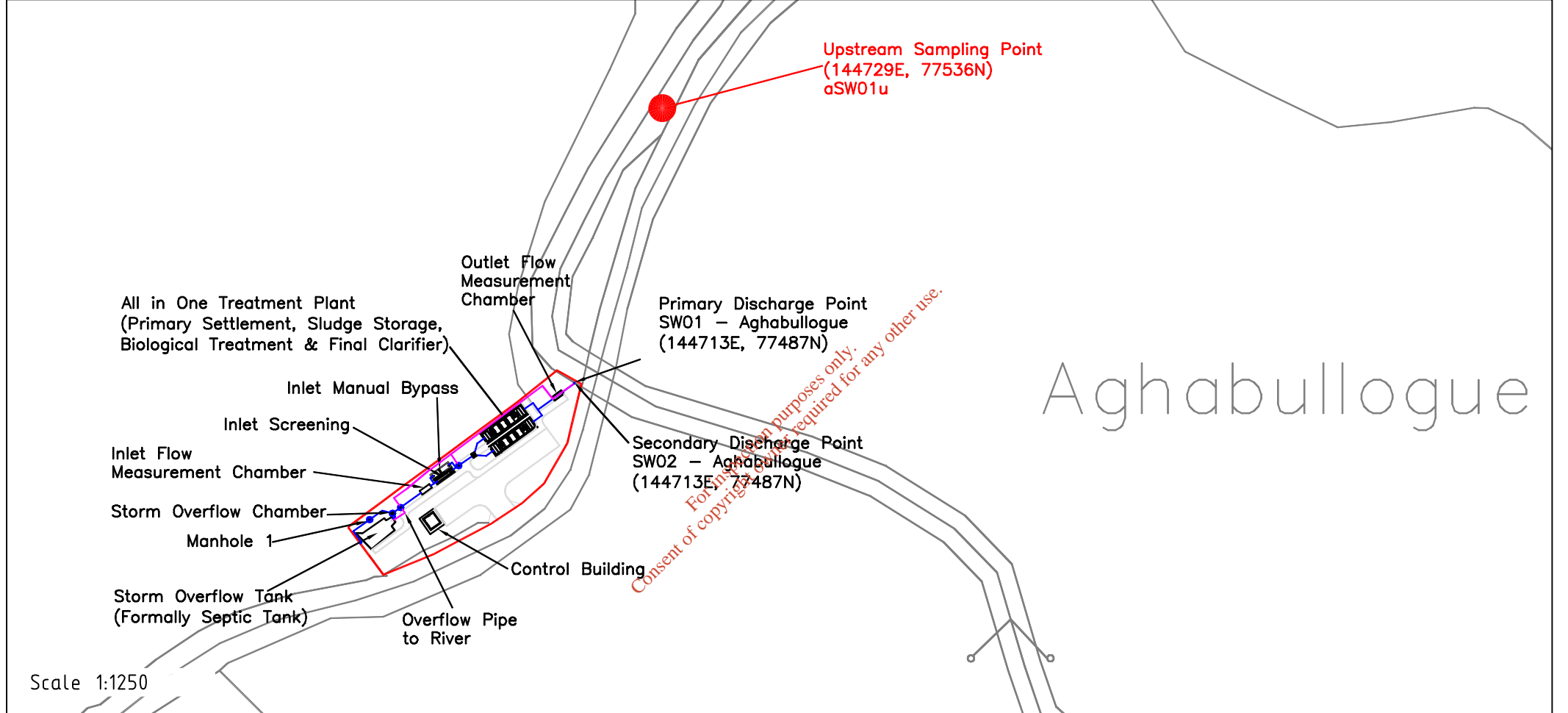
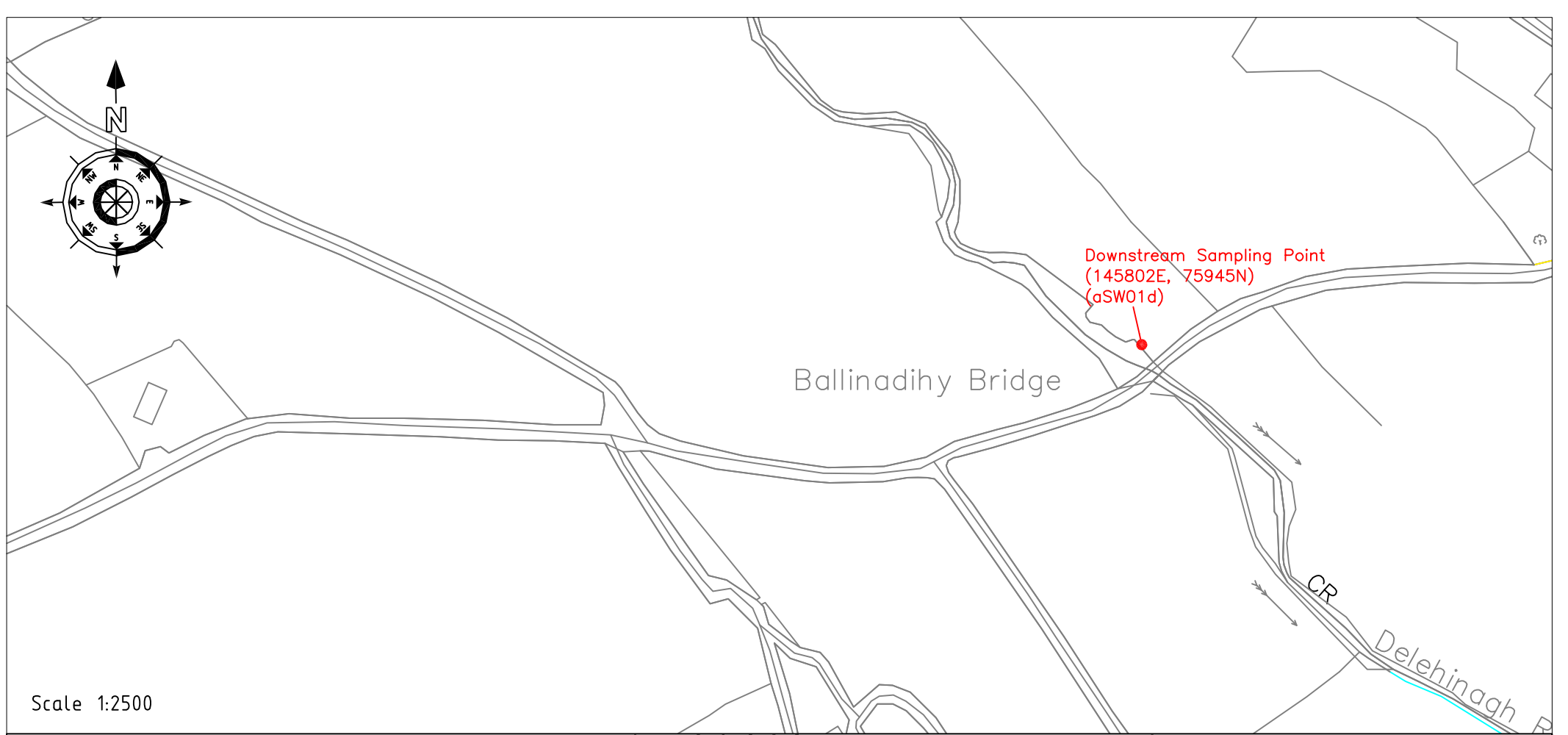
Cork County Council,
Sothern Devison.

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

Job Title:
Aghabullogue
Wastewater Discharge
Certificate Application

Drawing Title:
Location of WWTP
Attachment B2 - Map 5

Scales: AS Shown	Surveyed by: OC	Drawn by: OC
Designed by: T.O.H	Checked by: MD	Date: December 2009
Drawing number: B2 - Map 5		Rev: -




NOTES

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No.	Date	Drwn	Surv	Chkd	Revision Description

Cork County Council,
Sothern Devison.

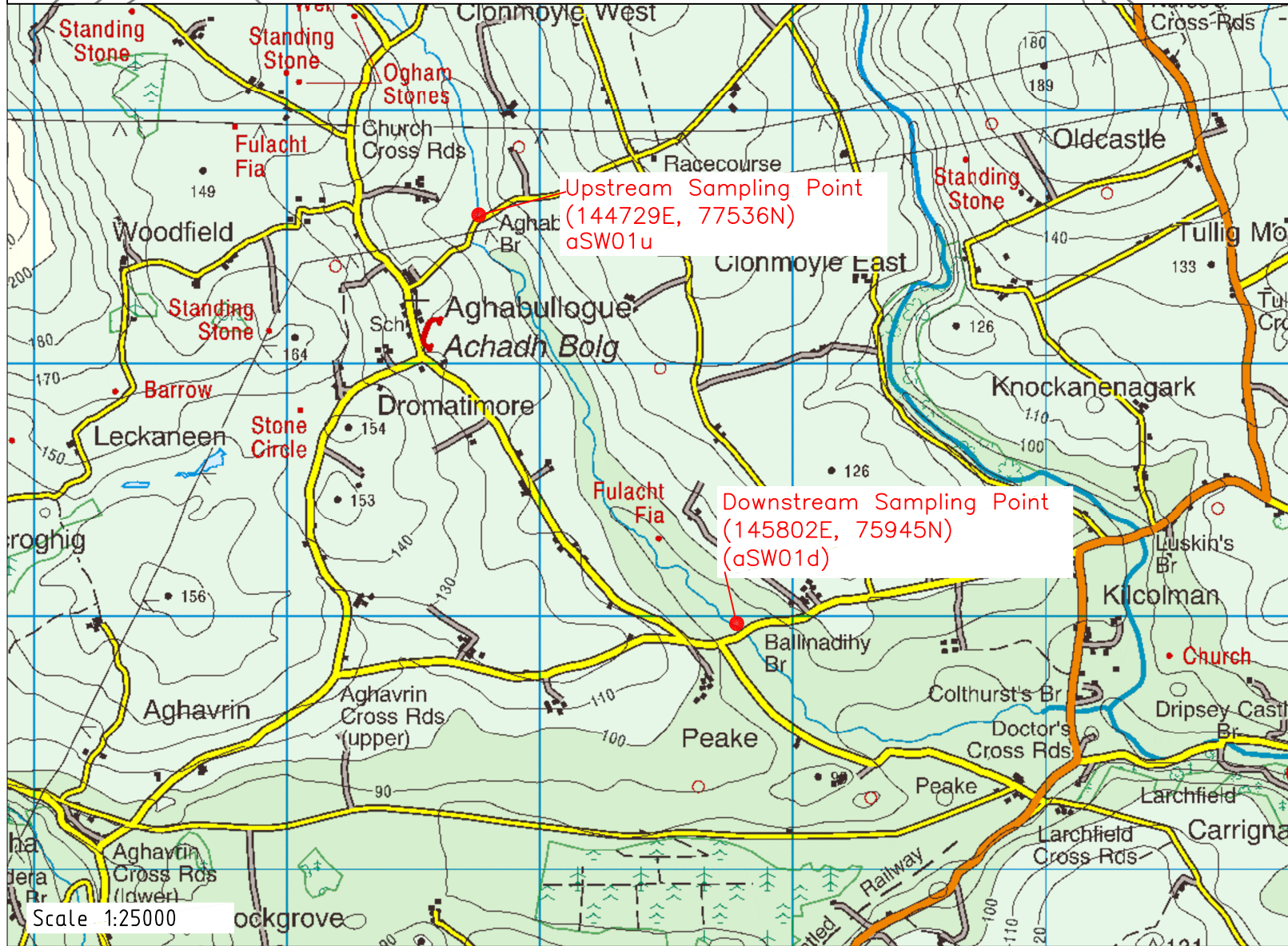
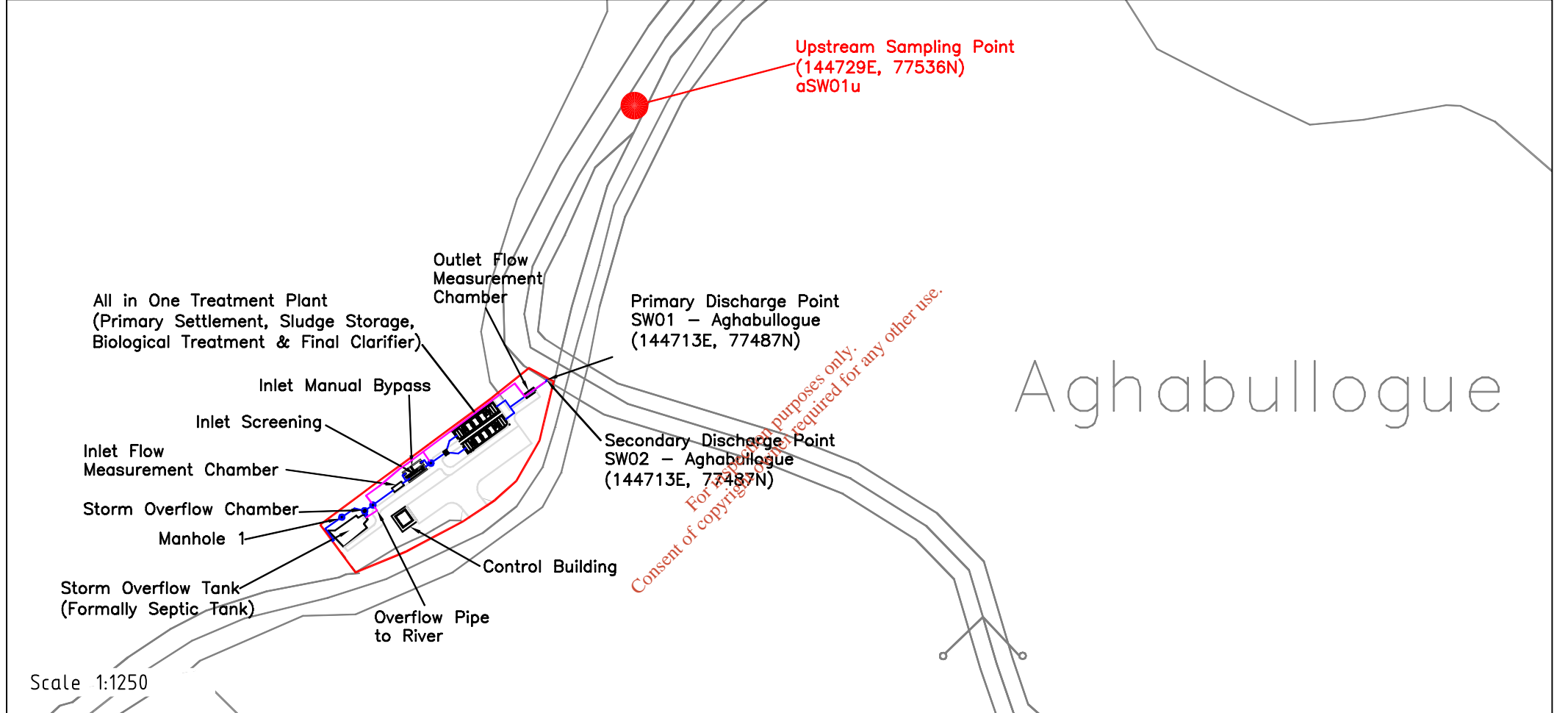


N. O'KEEFE, B.E.,
COUNTY ENGINEER,
COUNTY HALL,
CORK.

Job Title:
Aghabullogue
Wastewater Discharge
Certificate Application

Drawing Title:
Location of Primary Discharge point
Attachment B3 - Map 6

Scales: AS Shown	Surveyed by: OC	Drawn by: OC
Designed by: T.O.H	Checked by: MD	Date: December 2009
Drawing number: B3 - Map 6	Rev: -	




NOTES

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- This drawing is to be read in conjunction with all other WWDC drawings.

No.	Date	Drwn	Surv	Chkd	Revision Description

Cork County Council,
Sothern Devison.



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

Job Title:
Aghabullogue
Wastewater Discharge
Certificate Application

Drawing Title:
Location of Secondary Discharge point
Attachment B4 - Map 7

Scales: AS Shown	Surveyed by: OC	Drawn by: OC
Designed by: T.O.H	Checked by: MD	Date: December 2009
Drawing number: B4 - Map 7	Rev: -	

Cork County Council

Report under Article 134 of the

Local Government (Planning and Development) Regulations, 1994

Sewage Treatment Plant at Aghabullogue

Notice in respect of the above was published in the Irish Examiner dated 25th August 2001 in accordance with Article 131 of the Local Government (Planning and Development) Regulations, 1994.

(a) **Nature and Extent of the Proposed Development**

The construction of a Sewage Treatment Plant to treat domestic sewage from Aghabullogue.

(b) **Implications with respect to Planning and Development of the Area**

The proposed development is in compliance with the provisions of the 1996 CDP and in accordance with the proper planning and development of the area.

(c) **Submissions and Observations received**

The closing date for the receipt of submissions and observations was 10th October 2001.

Submissions were received from the Chief Planning Officer of Cork County Council, from the Southern Health Board and from the South Western Regional Fisheries Board.

(d) **Issues raised in the submissions / observations received and Cork County Council's responses thereto.**

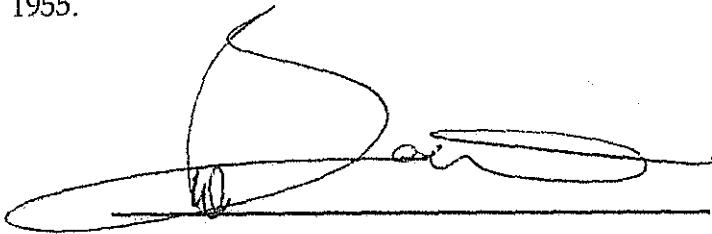
Issues Raised	Response
<p><u>Brendan Kelleher, Chief Planning Officer</u></p> <p>I confirm that the proposals are in accordance with the proper planning and development of the area. Aghabullogue is a designated settlement in the 1996 County Development Plan. The proposed treatment plant will help to achieve the objective of accommodating more housing in the village.</p>	<p>No comment required.</p>

<p align="center"><u>SOUTHERN HEALTH BOARD</u></p> <p>Following inspection of the site there are no objections to the above proposed wastewater treatment plan. Drinking Water sources in the area should be determined to be not affected by development and comply with separation distance regulations.</p>	<p>This was done during the development of the proposal. The replacement of the existing septic tank by this proprietary treatment unit will improve the existing situation.</p>
<p align="center"><u>SOUTH WESTERN REGIONAL FISHERIES BOARD</u></p> <p>Thank you for forwarding details of the proposed Waste Water Treatment Plant to serve Aghabullogue. It is proposed that effluent from the waste water treatment plant will ultimately discharge to the Delehinagh River, a valuable salmonid spawning and nursery water. While the Board welcomes all proposals to improve waste water treatment facilities, it also feels that all improvements should at least investigate the need for the use of the best available technology. In this instance the Board feels that there is an onus on the Council (in light of the Phosphorous Regulations) to ensure that the proposed development does not cause a deterioration in the Delehinagh River in terms of its phosphorous concentrations and trophic status. To this end the Board feels that the Council should firstly carry out a study determine the current trophic status of the river and based on this predict the impact of the proposed WWTP. The Board would ask to be informed when this information is available.</p> <p>There is a similar proposal to upgrade Rylane Sewerage Treatment Works, which will also ultimately discharge to the Delehinagh River. In this context the Board feels that time is optimum that to develop a management plan for the river</p>	<p>The proposal is to replace an existing septic tank treatment plant for the Council's Housing Estate, by a larger more effective modern plant to treat sewage from the overall village.</p> <p>Even though the population is significantly less than that set out in the Urban Wastewater Regulations before phosphorus removal is required (250 in Aghabullogue, whereas the minimum for P removal in the Regulations is 10,000), a more extensive study of the Delehinagh River was undertaken by Dixon.Brosnan on the Council's behalf.</p> <p>This report recommended;</p> <p>Section 11.3 that the BOD should be <20, Section 11.5 that the SS should be < 25, Section 11.6 that the total P should be <3 and the ortho-phosphate should be <1.</p>

which will define development limits for both Rylane and Aghabullogue in the context of sustainable development and the assimilative capacity of the river.

- (e) It is proposed to proceed with the above development including phosphorus removal. Suitable treatment technologies for phosphorus removal on such a small scale will be identified and assessed over the next few months.

This report is submitted to the Members of Cork County Council in the course of compliance with Section 2(7) of the City and County Management (Amendment) Act 1955.



Donal Barrett
Divisional Manager

December 14th, 2001

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Comhairle Contae Chorcaí Cork County Council

Environmental Directorate,
Inniscarra, Co. Cork.
Tel. No. (021) 4532700 • Fax No. (021) 4532727
Web: www.corkcoco.ie
An Stiúrthóireacht Comhshaoil,
Inis Cara, Co. Corcaigh.
Fón: (021) 4532700 • Faics: (021) 4532727
Suíomh Gréasáin: www.corkcoco.ie



Mr. Frank Clinton,
Program Manager,
Office of Climate, Licensing & Resource Use,
Environment Protection Agency,
Headquarters,
PO Box 3000,
Johnstown Castle Estate,
County Wexford.

16th December, 2009

Re: Waste Water Discharge (Authorisation) Regulations 2007 – fees payable in respect of applications to be submitted by 22nd December, 2009.

Dear Mr. Clinton,

I refer to the 72 certificate applications and 3 discharge authorisation licence applications which will be submitted by the council under the above regulations before the 22nd December next.

I note that the fees payable in respect of these applications amount to €246,000 and refer you to our letter of 7th November 2008 (sent by Ted O'Leary, Senior Executive Officer) seeking a rebate/reduction, as is provided for under Art 38 (3) of the regulations. I note that since that letter the council has paid a further € 570,000 in applications fees meaning that the total amount paid by the council to date amounts to € 1,245,000.

As you will appreciate, in the current economic climate, the amount payable in respect of this final batch of applications is a significant sum that was not budgeted for in 2009. Moreover we have paid a substantial amount in fees already and have made our case for a reduction/rebate. Accordingly, I must advise that we are not submitting payment in respect of these applications as we anticipate the rebate due to the council exceeds the fees payable.

Yours faithfully,

Louis Duffy,
Director of Service,
Environment & Emergency Services Directorate

