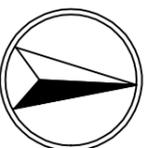
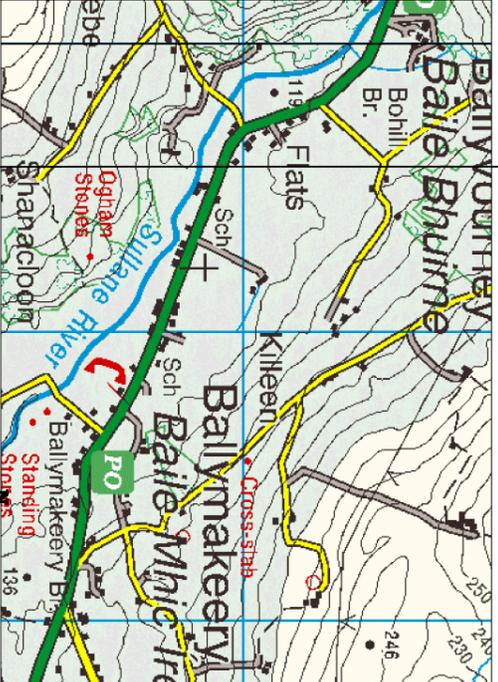


- NOTES:**
1. This drawing is the property of Cork County Council. It is a confidential document and must not be copied, used, or its content divulged without prior written consent.
  2. Includes Ordnance Survey Ireland data reproduced under OSI Licence number: Cork County Council CCMA 2004/07. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright. © Ordnance Survey Ireland, 2004.
  3. All levels refer to Ordnance Survey Datum, Mean Head.
  4. DO NOT SCALE, use figured dimensions only, if in doubt ask.



Date	By	Description

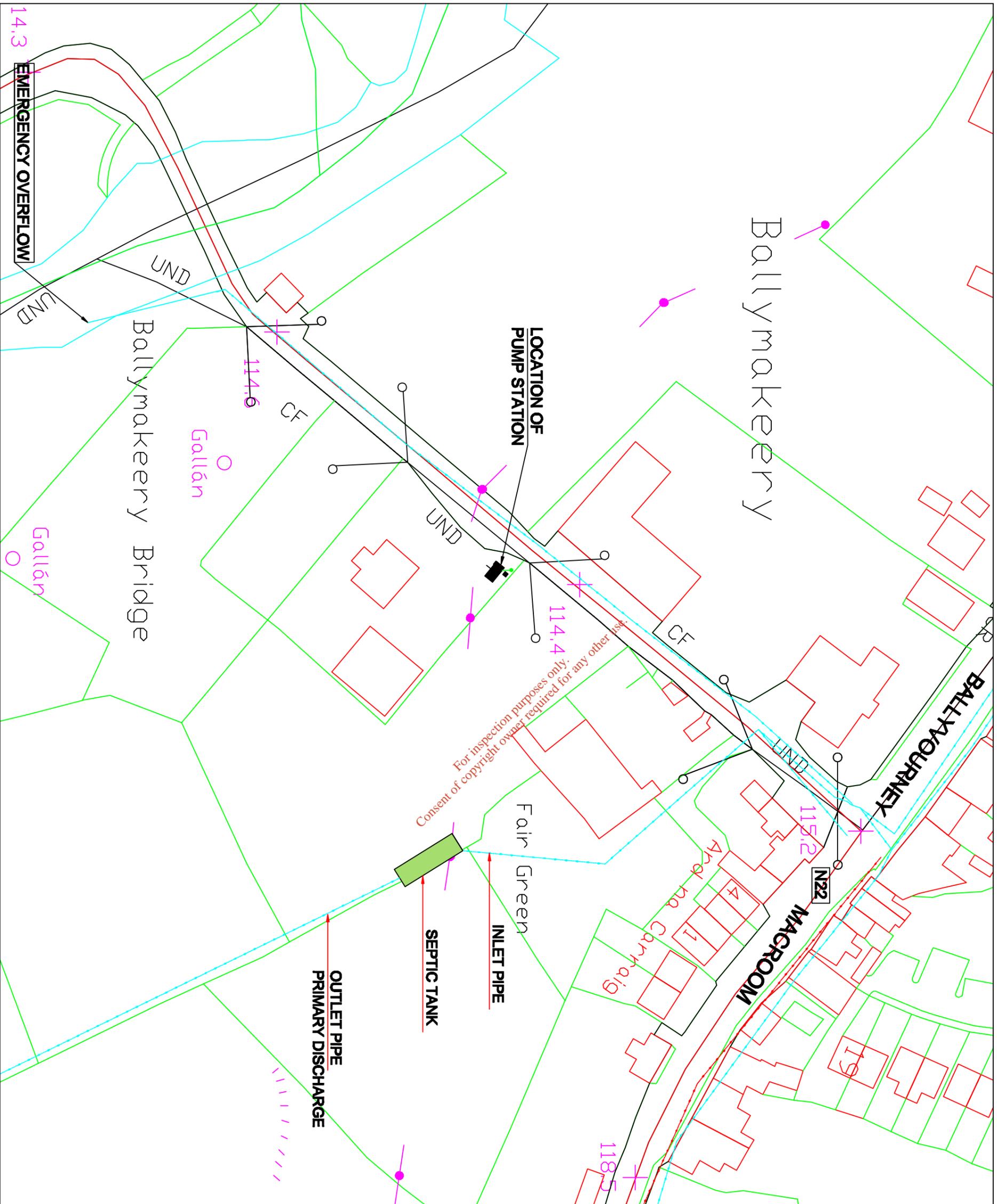
**CORK COUNTY COUNCIL**  
SOUTHERN DIVISION

Head Office: 1st Floor, 100, South Mall, Cork. Tel: 021 493 2200. Fax: 021 493 2201. Email: info@ccork.gov.ie

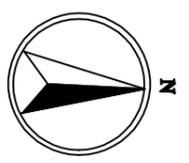
**Project:** BALLYMOURNEY / BALLYMAKERRY  
WWTP WASTE WATER  
DISCHARGE LICENCE APPLICATION

**Title:** APPLICATION FORM  
ATTACHMENT A1 Map1  
LOCATION OF WWTP

Designed: ER	Checked: MH	Scale: 1:1000 @ A3	Drawing No: A1_Map1
Drawn: SD	Approved: MH	Date: NOV '08	Sheet: 1 of 1



- NOTES:**
1. This drawing is the property of Cork County Council. It is a confidential document and must not be copied, used, or its content divulged without prior written consent.
  2. Includes Ordnance Survey Ireland data reproduced under OSI Licence number: Cork County Council CCMA 2004/07. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright. © Ordnance Survey Ireland, 2004.
  3. All levels refer to Ordnance Survey Datum, Malin Head.
  4. DO NOT SCALE, use figured dimensions only, if in doubt ask.



Date	By	Description

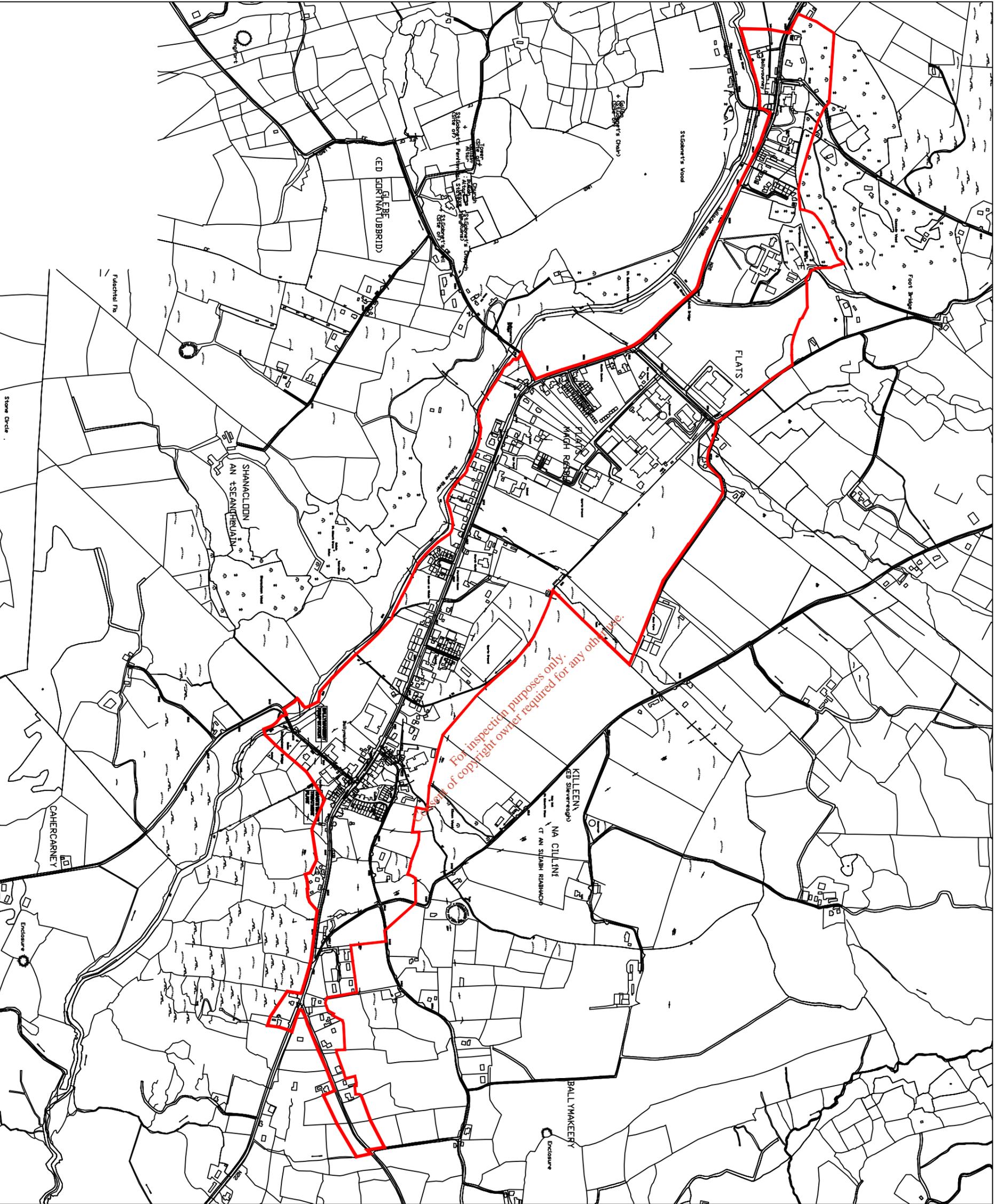

**CORK COUNTY COUNCIL**  
 SOUTHERN DIVISION  
Head Office: 2nd Floor, 111, City Road, Cork  
 County Office: 1st Floor, 111, City Road, Cork  
Public Offices: 1st Floor, 111, City Road, Cork  
 1st Floor, 111, City Road, Cork

**Project:** BALLYWOURNEY / BALLYMAKEERY  
 WWTP WASTE WATER  
 DISCHARGE LICENCE APPLICATION

**Title:** APPLICATION FORM  
 ATTACHMENT A1 Map2  
 LOCATION PLAN OF WASTE WATER  
 TREATMENT PLANT

Drawn	Checked	Approved	Date	Drawn	Checked	Approved	Date
SD	MH	MH	NOV 08	ER	MH	MH	NOV 08

Scale: 1:500 @ A3  
 Drawing No: A1\_Map2  
 Sheet: A

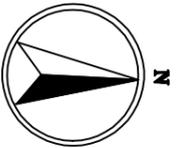


**NOTES:**

1. This drawing is the property of Cork County Council. It is a confidential document and must not be copied, used, or its content divulged without prior written consent.
2. Includes Ordnance Survey Ireland data reproduced under OSI Licence number: Cork County Council CCHA 2004/07. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright © Ordnance Survey Ireland, 2004.
3. All levels refer to Ordnance Survey Datum, Malin Head.
4. DO NOT SCALE, use figured dimensions only, if in doubt ask.

**AGGLOMERATION BOUNDARY**

---



Rev./Date	By	Description



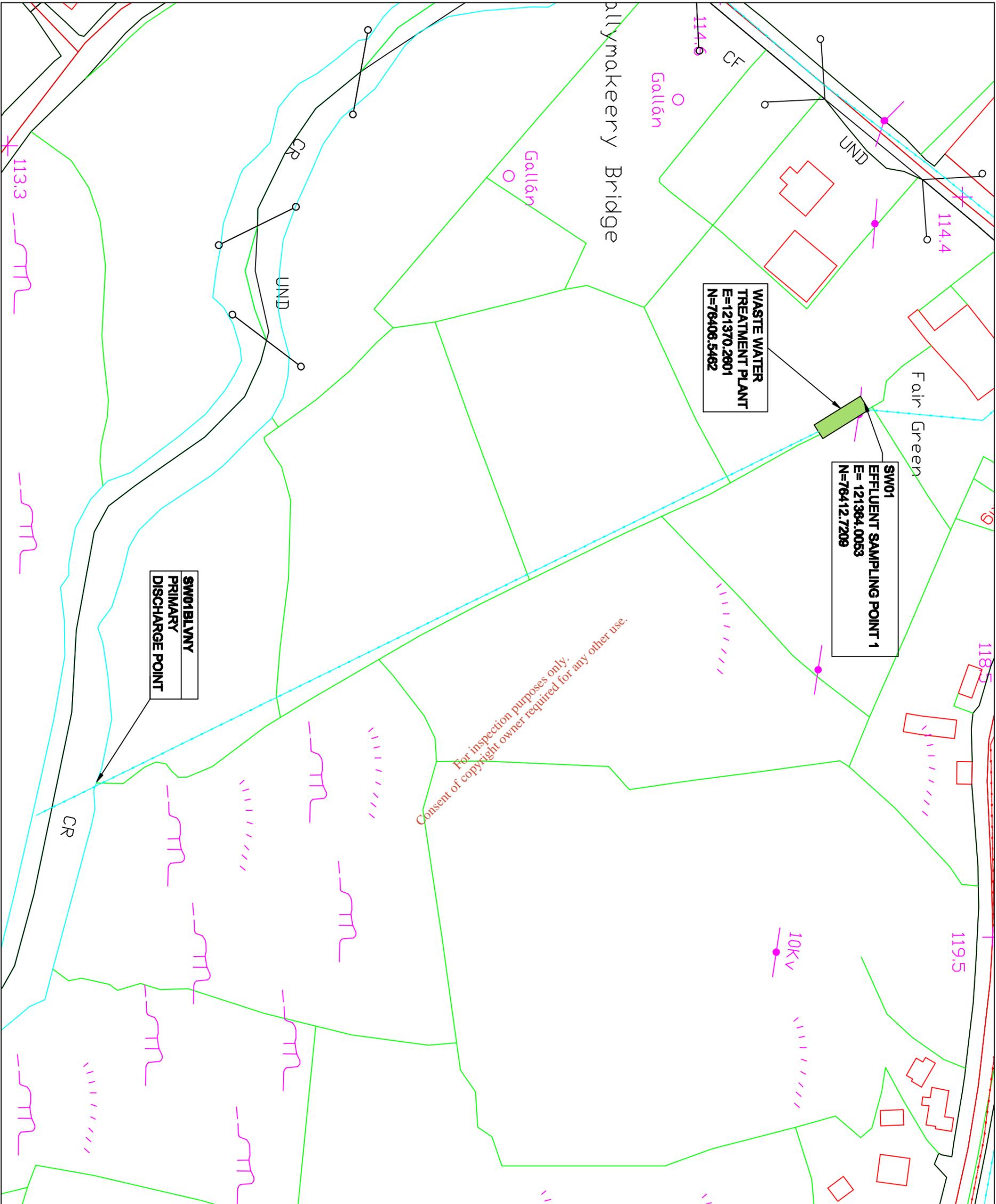
**CORK COUNTY COUNCIL**  
SOUTHERN DIVISION

Head Office: 100, College Road, Cork  
County Hall, Cork  
Public Works: 200, Queen's Road  
Main Office: 100, Queen's Road

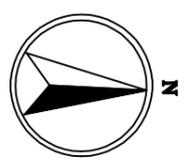
**Project:** BALLYOURNEY / BALLMAKERRY  
WWTP WASTE WATER  
DISCHARGE LICENCE APPLICATION

**Title:** APPLICATION FORM  
ATTACHMENT B1\_Maps3  
AGGLOMERATION BOUNDARY SERVED BY  
WASTE WATER TREATMENT WORKS

Designed: ER	Checked: MH	Scale: 1:10,000 @ A3	Drawing No: B1_Maps3
Drawn: SD	Approved: MH	Date: NOV 08	Sheet: A
File Path:			



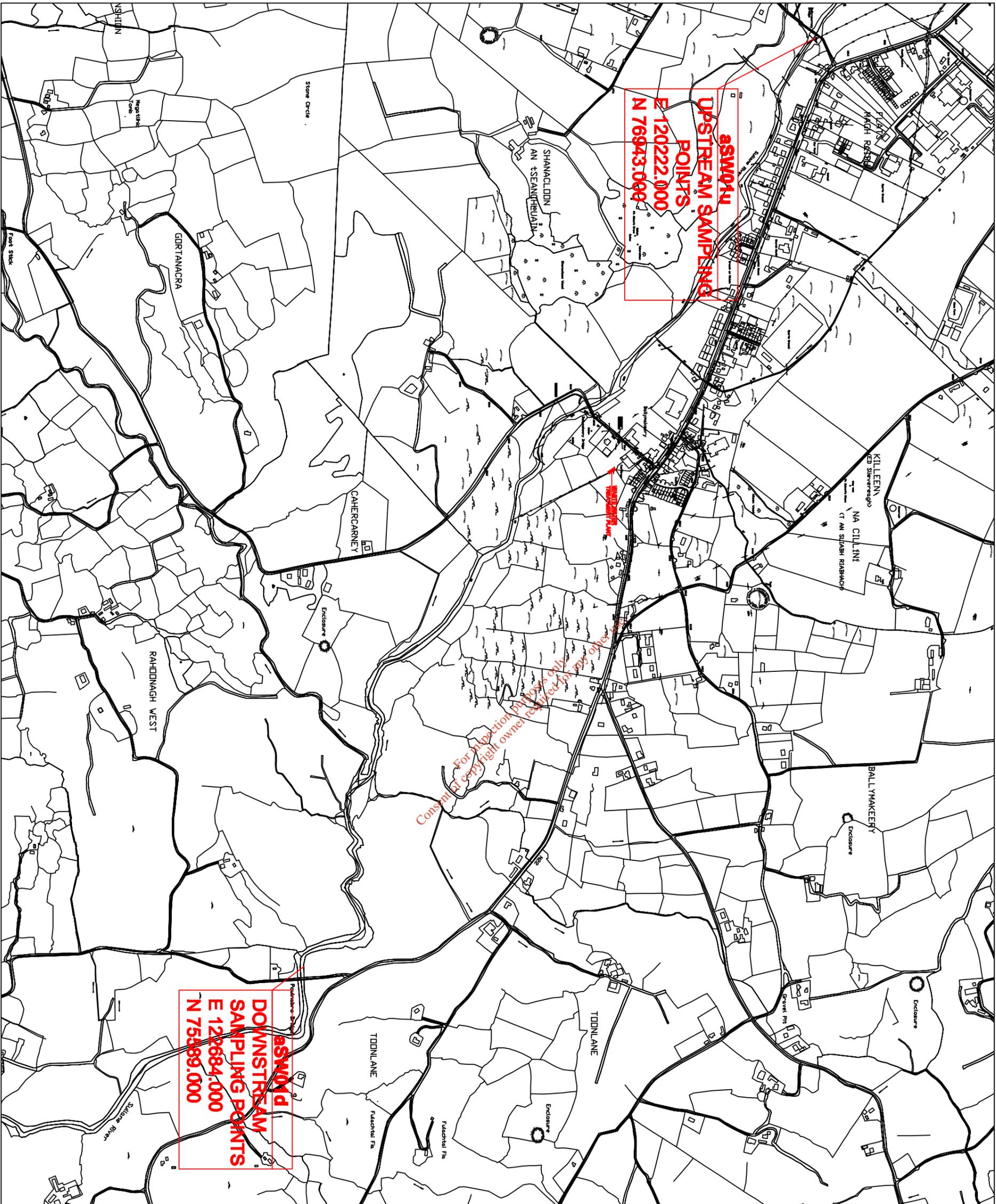
- NOTES:**
1. This drawing is the property of Cork County Council. It is a confidential document and must not be copied, used, or its content divulged without prior written consent.
  2. Includes Ordnance Survey Ireland data reproduced under OSI Licence number: Cork County Council CCMA 2004/07. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright © Ordnance Survey Ireland, 2004.
  3. All levels refer to Ordnance Survey Datum, Meilin Head.
  4. DO NOT SCALE, use figured dimensions only, if in doubt ask.



Rev.	Date	By	Description

  
**CORK COUNTY COUNCIL**  
 SOUTHERN DIVISION  
Head of Council, Mr. Cling, Seánagáil, 100, North Wall, Dublin 1  
 County Hall, Cork

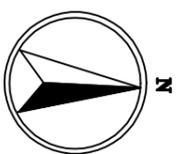
**Project:** BALLYVOURNEY / BALLYMAKEERRY  
 WWTP WASTE WATER  
 DISCHARGE LICENCE APPLICATION  
**Title:** APPLICATION FORM  
 ATTACHMENT B2 Map4  
 LOCATION PLAN OF  
 WASTE WATER TREATMENT PLANT  
**Drawn:** ER  
**Checked:** SD  
**Approved:** MH  
**Date:** NOV '08  
**Scale:** 1:1250 @ A3  
**Drawn by:** B2\_Map4  
**Rev. A**



For information purposes only  
 Copyright owner's name is not to be used

**NOTES:**

1. This drawing is the property of Cork County Council. It is a confidential document and must not be copied, used, or its content divulged without prior written consent.
2. Includes Ordnance Survey Ireland data reproduced under OSI Licence number: Cork County Council CCMA 2004/07. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright © Ordnance Survey Ireland, 2004.
3. All levels refer to Ordnance Survey Datum, Malin Head.
4. DO NOT SCALE, use figured dimensions only, if in doubt ask.



Date	By	Description

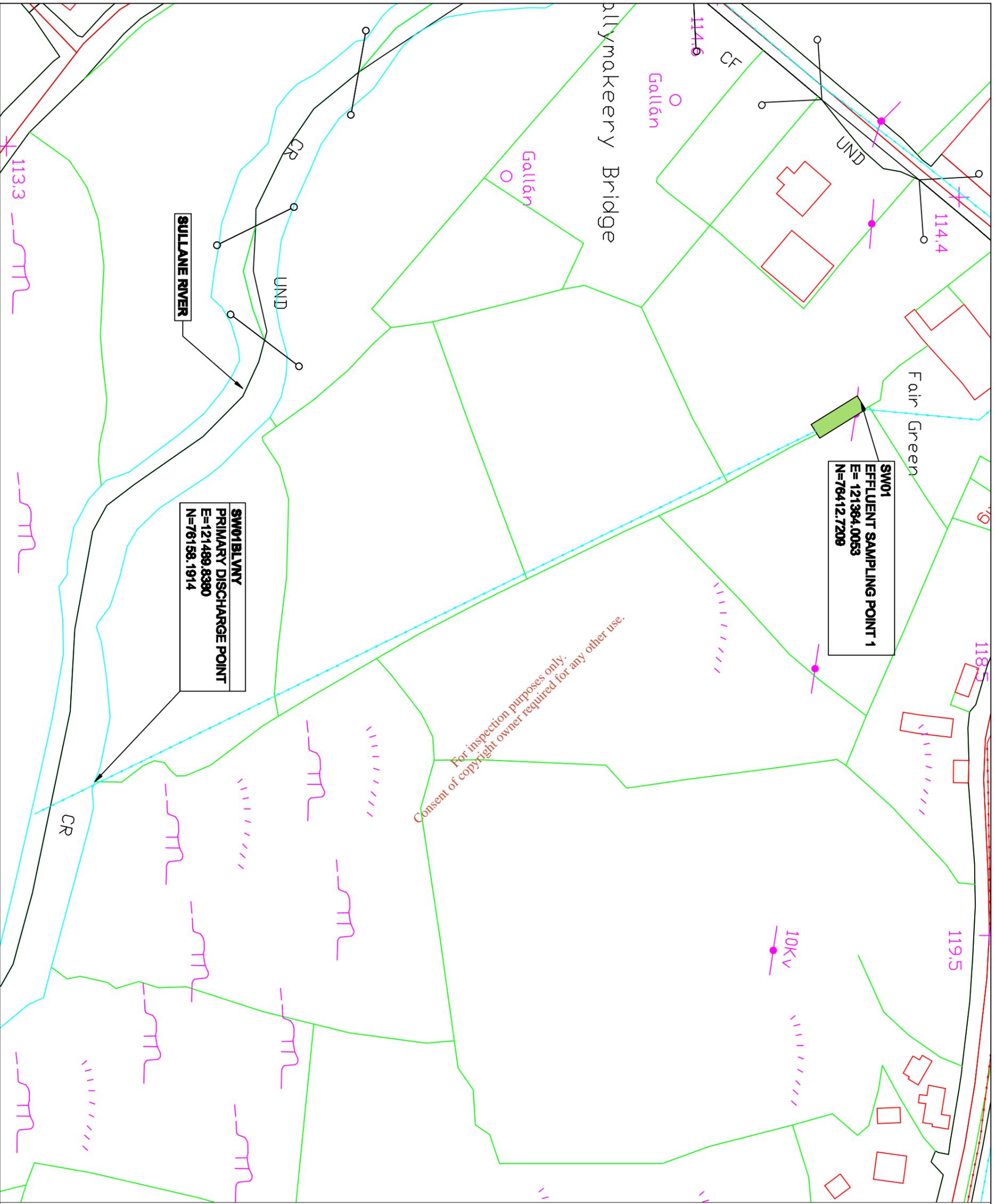
**CORK COUNTY COUNCIL**  
SOUTHERN DIVISION

Head of Council, 2nd Floor, Council Offices, 100, South Mall, Cork.      Public Works, 100, South Mall, Cork.

**Project:** BALLIVOURNEY / BALLMAKERRY  
 WWTP WASTE WATER  
 DISCHARGE LICENCE APPLICATION

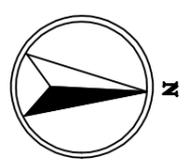
**Title:** APPLICATION FORM  
 ATTACHMENT B2 Maps  
 LOCATION OF UPSTREAM & DOWNSTREAM  
 MONITORING POINTS

Drawn:	ER	Checked:	MH	Scale:	1:10,000 @ A3	Drawing No:	B2_Maps5
Date:	SD	Approved:	MH	Date:	NOV 08	Sheet:	1 of 1



**NOTES:**

1. This drawing is the property of Cork County Council. It is a confidential document and must not be copied, used, or its content divulged without prior written consent.
2. Includes Ordnance Survey Ireland data reproduced under OSI Licence number: Cork County Council CCMA 2004/07. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright © Ordnance Survey Ireland, 2004.
3. All levels refer to Ordnance Survey Datum, Malin Head.
4. DO NOT SCALE, use figured dimensions only, if in doubt ask.



Rev.	Date	By	Description



**CORK COUNTY COUNCIL**  
SOUTHERN DIVISION

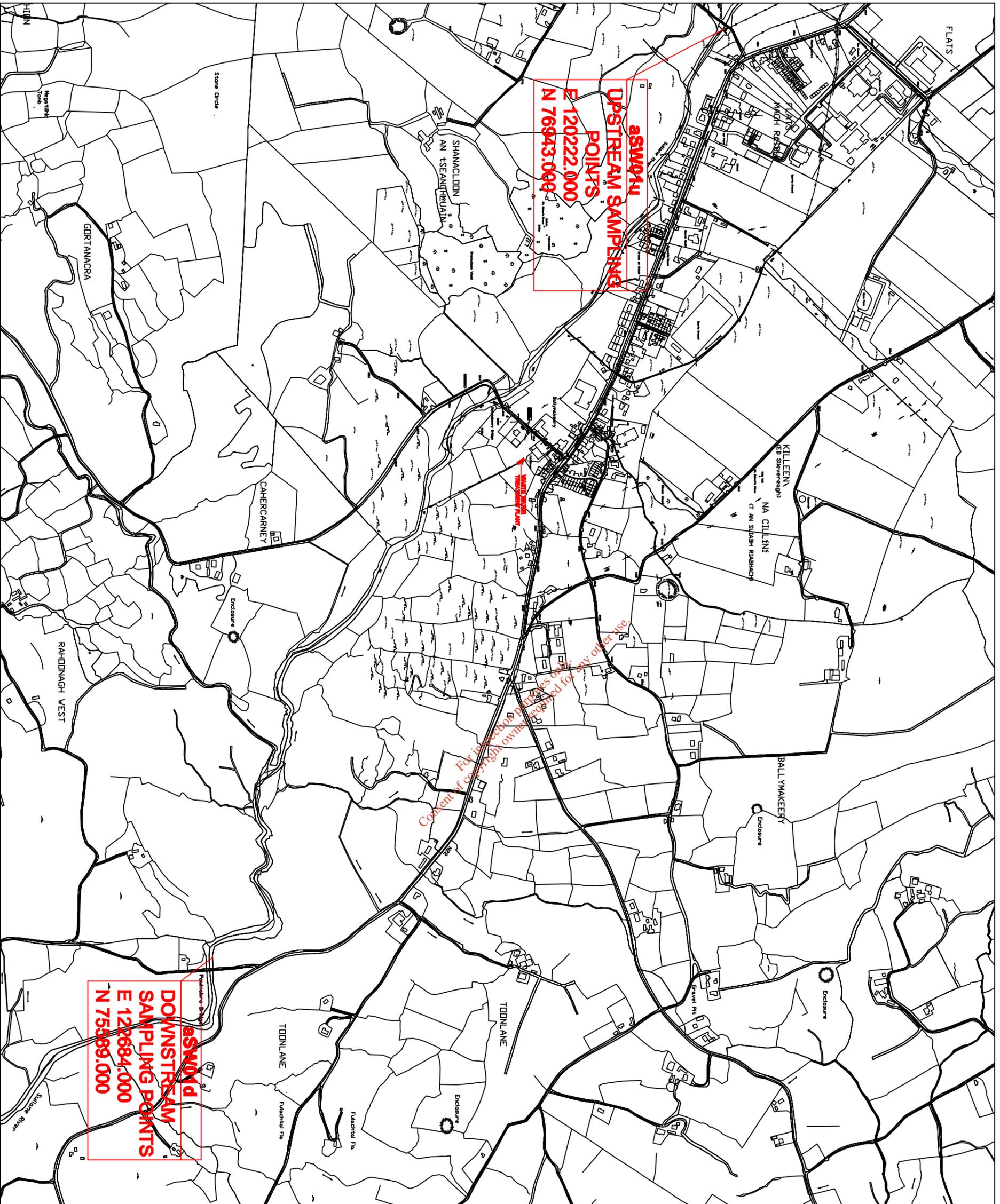
Head of Council, B.A. Clery, Seánag Stillelars  
Acting Mayor  
County Hall, Cork

Public Works, Director of Services,  
New Operative House

**Project:** BALLIVOURNEY / BALLYMAKERRY  
WWTP WASTE WATER  
DISCHARGE LICENCE APPLICATION

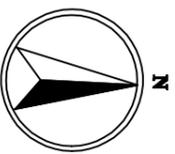
**Title:** APPLICATION FORM  
ATTACHMENT B3, Map6  
LOCATION OF PRIMARY DISCHARGE POINT

Designed: ER	Checked: MH	Building: 1:1250 @ A3	Drawing No:
Drawn: SD	Approved: MH	Date: NOV '08	B3_Map6
Rev. No:			Rev. A



**NOTES:**

1. This drawing is the property of Cork County Council. It is a confidential document and must not be copied, used, or its content divulged without prior written consent.
2. Includes Ordnance Survey/ Ireland data reproduced under OSI Licence number: Cork County Council CCMA 2004/07. Unauthorised reproduction infringes Ordnance Survey/ Ireland and Government of Ireland copyright. © Ordnance Survey/ Ireland, 2004.
3. All levels refer to Ordnance Survey Datum, Mean Head.
4. DO NOT SCALE, use figured dimensions only, if in doubt ask.



Date	By	Description


  
**CORK COUNTY COUNCIL**  
 SOUTHERN DIVISION  
Head Office: 33, City, Bridge Street, Cork. Telephone: 021 493 6000. Fax: 021 493 6001. Website: www.corkcouncil.ie

**Project:** BALL YVOURNEY / BALL YMAKERRY  
 WWTP WASTE WATER  
 DISCHARGE LICENCE APPLICATION

**Title:** APPLICATION FORM  
 ATTACHMENT B3 Map7  
 LOCATION OF UPSTREAM & DOWNSTREAM  
 MONITORING POINTS

Drawn by	Checked by	Date	Scale	Sheet
ER	MH	NOV 08	1:10,000 @ A3	B3_Map7
SD	MH	NOV 08		Sheet A



Newspaper Advertisement

Cork County Council Southern Division

**APPLICATION TO THE ENVIRONMENTAL  
PROTECTION AGENCY FOR A WASTEWATER  
DISCHARGE LICENCE**

In accordance with the Waste Water Discharge (Authorisation) Regulations 2007, Water Services Southern Division of Cork County Council, Carrigrohane Road, Cork is applying to the Environmental Protection Agency for a Waste Water Discharge Licence for the Agglomeration of Ballymakeera & Ballyvourney at the following locations:

Plant Name	Location	National Grid Ref.
Ballymakeera WWTP	Fair Green, Ballymakeera	E 121370 N 076407

Discharge	Function	Townland	Receptor	Grid Reference
Primary	Main	Ballymakeera	Sullane	E121490 N076158

A copy of the application for the Waste Water Discharge Licence and such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the Application shall as soon as is practicable after receipt by the Agency be available for inspection or purchase at the

- **Environmental Protection Agency, PO Box 3000, Johnstown Castle Estate, Co. Wexford, Lo Call 1890 335599 Telephone: 053-9160600 Fax: 053-9160699 Email:info@epa.ie**

and at

- **Cork County Council Offices, Water Services South, County Hall, Carrigrohane Road, Co. Cork, Telephone: 021 - 4276891 Fax: 021 - 4276321.**

Submissions in relation to the application may be made to the Environmental Protection Agency at its headquarters described above

Cork County Council Southern Division



**CORK COUNTY COUNCIL**  
**SITE NOTICE**

**APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR  
A WASTEWATER DISCHARGE LICENCE**

In accordance with the Waste Water Discharge (Authorisation) Regulations 2007, Water Services Southern Division of Cork County Council, Carrigrohane Road, Cork is applying to the Environmental Protection Agency for a Waste Water Discharge Licence for the Agglomeration of Ballymakeera & Ballyvourney at the following locations:

Plant Name	Location	National Grid Ref.
Ballymakeera WWTP	Fair Green, Ballymakeera	E 121370 N 076407

Discharge	Function	Townland	Receptor	Grid Reference
Primary	Main	Ballymakeera	Sullane	E 121490 N 076158

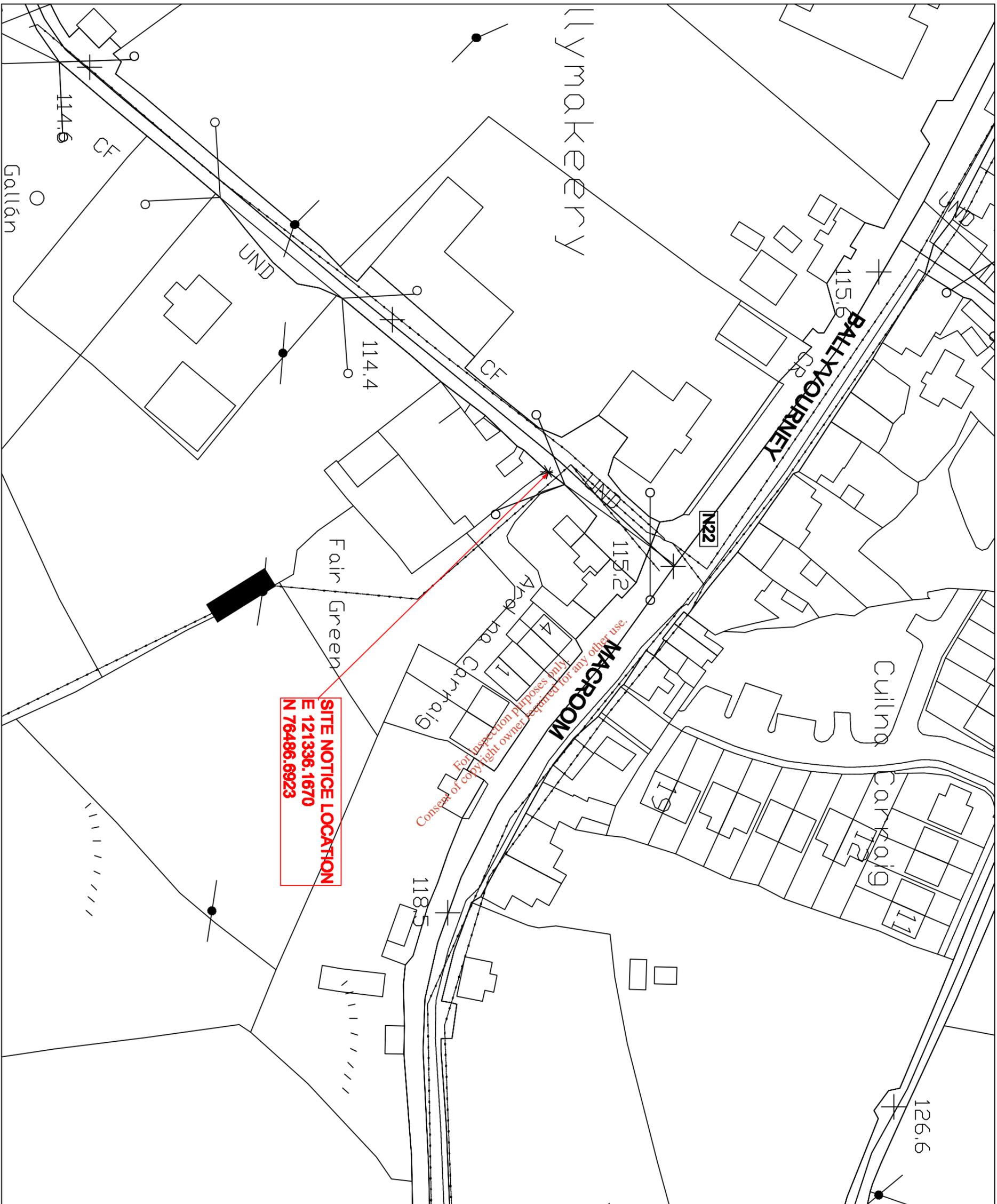
A copy of the application for the Waste Water Discharge Licence and such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the Application shall as soon as is practicable after receipt by the Agency be available for inspection or purchase at the

- **Environmental Protection Agency, PO Box 3000, Johnstown Castle Estate, Co. Wexford, Lo Call 1890 335599 Telephone: 053-9160600 Fax: 053-9160699 Email: info@epa.ie**

and at

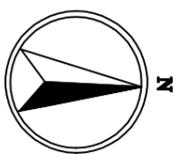
- **Cork County Council Offices, Water Services South, County Hall, Carrigrohane Road, Co. Cork, Telephone: 021 - 4276891 Fax: 021 - 4276321.**

Submissions in relation to the application may be made to the Environmental Protection Agency at its headquarters described above



**NOTES:**

1. This drawing is the property of Cork County Council. It is a confidential document and must not be copied, used, or its content divulged without prior written consent.
2. Includes Ordnance Survey Ireland data reproduced under OSI Licence number: Cork County Council CCMA 2004/07. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright © Ordnance Survey Ireland, 2004.
3. All levels refer to Ordnance Survey Datum, Meain Head.
4. DO NOT SCALE, use figured dimensions only, if in doubt ask.



Rev.	Date	By	Description

  
**CORK COUNTY COUNCIL**  
 SOUTHERN DIVISION  
Head Office: 2nd Floor, 2nd City Centre, Cork  
 Telephone: 021 493 6000  
 Fax: 021 493 6001  
 Email: info@ccork.ie

**Project:** BALLYMOURNEY / BALL YMAKERRY  
 WWTP WASTE WATER  
 DISCHARGE LICENCE APPLICATION  
**Title:** APPLICATION FORM  
 ATTACHMENT B8 MapB  
 LOCATION OF SITE NOTICE

Design	ER	Checked	MH	Scale	1:1000 @ A3	Drawing No.	B8_MapB	Sheet	1 of 1
Date	SD	Approved	MH	Date	NOV 08				

# Cork County

## Water Services Investment Programme 2007 - 2009

Schemes at Construction	W/S	Est. Cost	Schemes to start 2009 contd.	W/S	Est. Cost
<b>Cork North</b>			<b>Cork South</b>		
Mitchelstown Sewerage Scheme (Nutrient Removal)	S	221,000	Ballincollig Sewerage Scheme (Upgrade) (G)	S	22,248,000
<b>Cork South</b>			Cork Lower Harbour Sewerage Scheme (excl. Crosshaven SS)	S	73,542,000
Ballyvourney/ Ballymakeery Sewerage Scheme	S	3,049,000	Shannagarry/ Garryvoe/ Ballycotton Sewerage Scheme	S	3,780,000
Cobh/ Midleton/ Carrigtwohill Water Supply Scheme	W	10,135,000	Youghal Sewerage Scheme	S	14,420,000
Cork Lower Harbour Sewerage Scheme (Crosshaven SS) (G)	S	4,850,000	<b>Cork West</b>		
Cork Water Strategy Study (G)	W	941,000	Ballydehob Sewerage Scheme	S	683,000
Kinsale Sewerage Scheme	S	20,000,000	Bantry Water Supply Scheme	W	14,935,000
Midleton Sewerage Scheme (Infiltration Reduction) (G)	S	2,078,000	Clonakilty Sewerage Scheme (Plant Capacity Increase)	S	3,677,000
		<b>41,274,000</b>	Courtmacsherry/ Timoleague Sewerage Scheme	S	2,472,000
<b>Schemes to start 2007</b>			Dunmanway Regional Water Supply Scheme Stage 1	W	12,669,000
					<b>164,629,000</b>
<b>Cork North</b>			<b>Serviced Land Initiative</b>		
North Cork Grouped DBO Wastewater Treatment Plant (Buttevant, Doneraile & Kilbrin)	S	5,150,000	<b>Cork North</b>		
<b>Cork West</b>			Ballycough Water Supply Scheme	W	139,000
Skibbereen Sewerage Scheme	S	20,000,000	Ballyhooley Improvement Scheme	W/S	139,000
		<b>25,150,000</b>	Broghill-Rathgoggin Sewerage Scheme	S	406,000
<b>Schemes to start 2008</b>			Bweang Water Supply Scheme	W	115,000
<b>Cork North</b>			Churchtown Sewerage Scheme (incl. Water)	W/S	543,000
Mallow/ Ballyvinitier Regional Water Supply Scheme (H) W		8,662,000	Clondulane Sewage Treatment Plant	S	417,000
Mallow Sewerage Scheme (H)	S	3,408,000	Freemount Sewerage Scheme	S	150,000
<b>Cork South</b>			Pike Road Sewerage Scheme (incl. Water)	W/S	2,080,000
Ballincollig Sewerage Scheme (Nutrient Removal) (G)	S	948,000	Rathcormac Sewerage Scheme (incl. Water)	W/S	555,000
Ballingeary Sewerage Scheme	S	1,296,000	Spa Glen Sewerage Scheme	S	736,000
Bandon Sewerage Scheme Stage 2	S	14,729,000	Uplands Fermoy Sewerage Scheme (incl. Water)	W/S	1,174,000
City Environs (CASP) Strategic Study (G)	S	153,000	Watergrasshill Water Supply Scheme (incl. Sewerage) (G)	W/S	4,151,000
Cloghroe Sewerage Scheme (Upgrade)	S	683,000	<b>Cork South</b>		
Coachford Water Supply Scheme	W	1,318,000	Ballincollig Sewerage Scheme (Barry's Rd Foul and Storm Drainage) (G)	S	1,164,000
Garretstown Sewerage Scheme	S	2,153,000	Belgooley, Water Supply Scheme (incl. Sewerage)	W/S	2,913,000
Inniscarra Water Treatment Plant Extension Phase 1	W	2,678,000	Blamey Water Supply Scheme (Ext. to Station Rd) (G)	W	416,000
Little Island Sewerage Scheme (G)	S	2,200,000	Carrigtwohill Sewerage Scheme (Treatment and Storm Drain) (G)	S	7,632,000
<b>Cork West</b>			Castlematyr Wastewater Treatment Plant Extension	S	1,200,000
Bantry Sewerage Scheme	S	7,148,000	Crookstown Sewerage Scheme (incl. Water)	W/S	1,200,000
Dunmanway Sewerage Scheme	S	2,153,000	Dripsey Water Supply Scheme (incl. Sewerage)	W/S	1,112,000
Leap/ Baltimore Water Supply Scheme	W	6,365,000	Glounthane Sewerage Scheme (G)	S	1,576,000
Schull Water Supply Scheme	W	5,253,000	Innishannon Sewerage Scheme	S	277,000
		<b>61,137,000</b>	Innishannon Wastewater Treatment Plant	S	694,000
<b>Schemes to start 2009</b>			Kerrypike Sewerage Scheme	S	832,000
<b>Cork North</b>			Kerrypike Water Supply Scheme	W	416,000
Banteer/Dromahane Regional Water Supply Scheme	W	1,576,000	Killeagh Wastewater Treatment Plant Extension	S	1,200,000
Conna Regional Water Supply Scheme Extension	W	2,627,000	Killeagh Water Supply Scheme (includes Sewerage)	W/S	485,000
Cork NE Water Supply Scheme	W	4,326,000	Killeens Sewerage Scheme	S	420,000
Cork NW Regional Water Supply Scheme	W	6,046,000	Kinagleary Sewerage Scheme	S	694,000
Millstreet Wastewater Treatment Plant (Upgrade)	S	1,628,000	Midleton Wastewater Treatment Plant Extension	S	4,050,000

# Cork County contd.

## Water Services Investment Programme 2007 - 2009

Serviced Land Initiative contd.	W/S	Est. Cost	Schemes to Advance through Planning cond.	W/S	Est. Cost
<b>Cork South contd.</b>			<b>Cork South</b>		
Mogeely, Castlemartyr & Ladysbridge Water Supply Scheme	W	2,566,000	Carrigtwohill Sewerage Scheme (G)	S	20,000,000
North Cobh Sewerage Scheme (G)	S	3,193,000	Cork Sludge Management (G)	S	14,420,000
Riverstick Water Supply Scheme (incl. Sewerage)	W/S	525,000	Cork Water Supply Scheme (Storage - Mount Emla, Ballincollig & Chetwind) (G)	W	8,500,000
Rochestown Water Supply Scheme	W	2,700,000	Inniscarra Water Treatment Plant (Sludge Treatment)(G)W		5,356,000
Saleen Sewerage Scheme	S	1,051,000	Macroom Sewerage Scheme	S	5,150,000
Youghal Water Supply Scheme	W	2,300,000	Minane Bridge Water Supply Scheme	W	1,421,000
<b>Cork West</b>			<b>Cork West</b>		
Castletownshend Sewerage Scheme	S	1,576,000	Bantry Regional Water Supply Scheme (Distribution)	W	9,455,000
		<b>50,797,000</b>	Cape Clear Water Supply Scheme	W	1,679,000
<b>Rural Towns &amp; Villages Initiative</b>			<b>Rural Towns &amp; Villages Initiative</b>		
<b>Cork North</b>			<b>Cork North</b>		
Buttevant Sewerage Scheme (Collection System)	S	2,446,000	Castletownbere Regional Water Supply Scheme	W	8,405,000
Doneraile Sewerage Scheme (Collection System)	S	1,738,000	Glengarriff Sewerage Scheme	S	2,500,000
			Roscarberry/Owenahincha Sewerage Scheme	S	1,576,000
			Skibbereen Regional Water Supply Scheme Stage 4	W	7,880,000
					<b>95,646,000</b>
<b>Cork South</b>			<b>Water Conservation Allocation</b>		
Innishannon (Ballinadee/ Ballinspittle/ Garrettstown) Water Supply Scheme	W	6,726,000	Asset Management Study		<b>300,000</b>
<b>Cork West</b>			<b>South Western River Basin District (WFD) Project<sup>1</sup></b>		
Ballylicky Sewerage Scheme	S	2,158,000			<b>9,400,000</b>
Baltimore Sewerage Scheme	S	3,162,000			
Castletownbere Sewerage Scheme	S	3,202,000			
Schull Sewerage Scheme	S	3,523,000			
		<b>24,950,000</b>	<b>Programme Total</b>		<b>485,489,000</b>
<b>Schemes to Advance through Planning</b>					
<b>Cork North</b>					
Mitchelstown North Galtees Water Supply Scheme	W	3,152,000			
Mitchelstown Sewerage Scheme	S	3,000,000			
Newmarket Sewerage Scheme	S	3,152,000			

<sup>1</sup> This project is being led by Cork County Council on behalf of other authorities in the River Basin District

(H) Refers to a Hub as designated in the National Spatial Strategy

(G) Refers to a Gateway as designated in the National Spatial Strategy