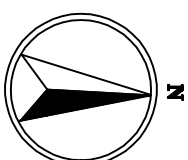


NOTES:

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.

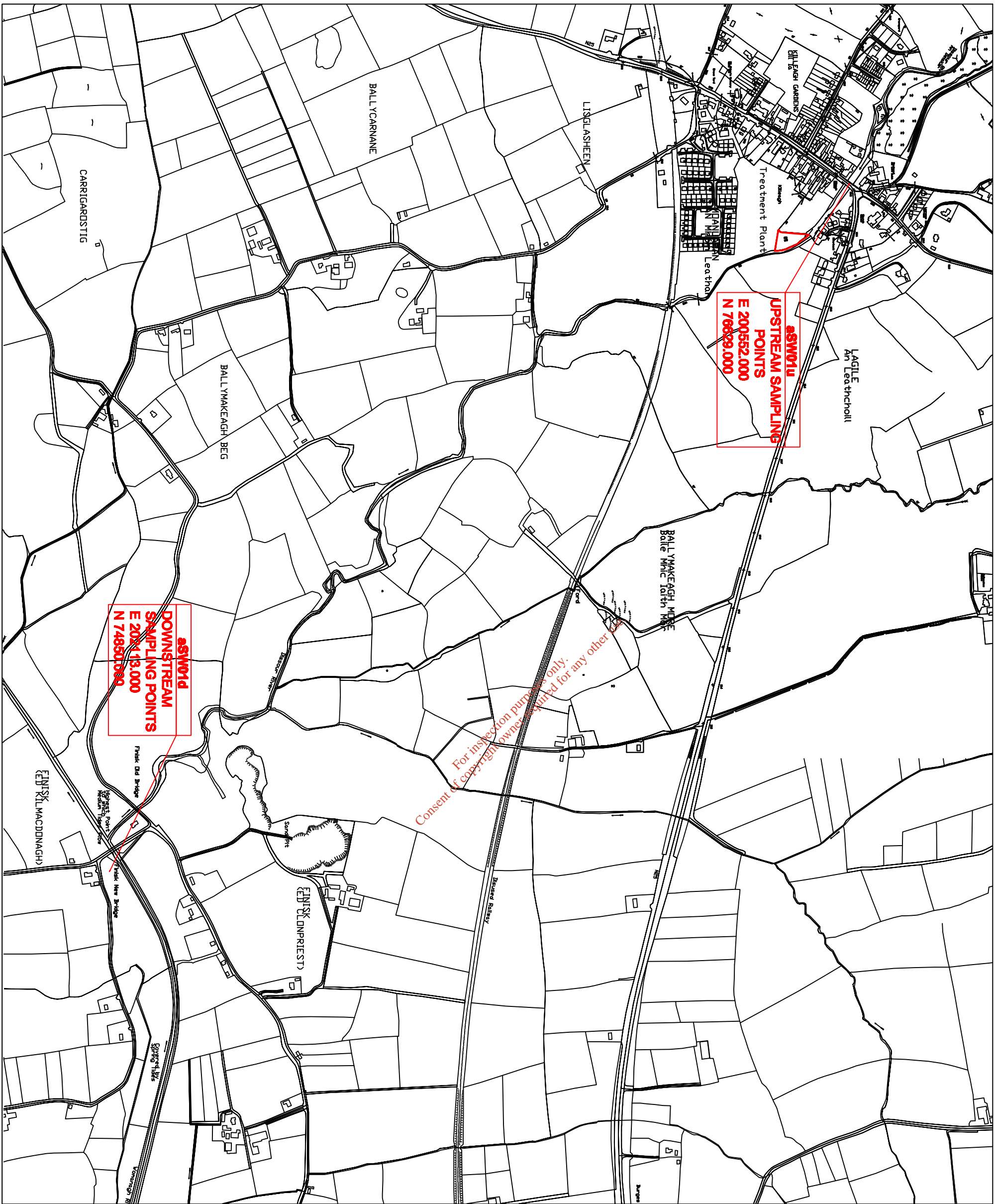


CORK COUNTY COUNCIL
SOUTHERN DIVISION
Head Office, 116, College Building, KILLLEAGH
County Cork, CO16
Public Works, Division of Planning, Land Operations Team

Project: KILLEAGH WWTP WASTE WATER DISCHARGE LICENCE APPLICATION

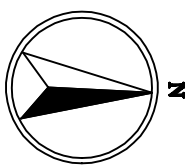
Title: APPLICATION FORM ATTACHMENT B2 Map4 LOCATION PLAN OF WASTE WATER TREATMENT PLANT

Drawn/ER	Checked/MH	Scale/1:2500 @ A3	Drawing No./B2_Map4
Date/SD	Approved/MH	Date/NOV 08	Sheet/—
File No./			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 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.



Rev. No.	Date	By	Description

CORK COUNTY COUNCIL
SOUTHERN DIVISION

Head Office, 216 City Road, Cork
County Council, Cork

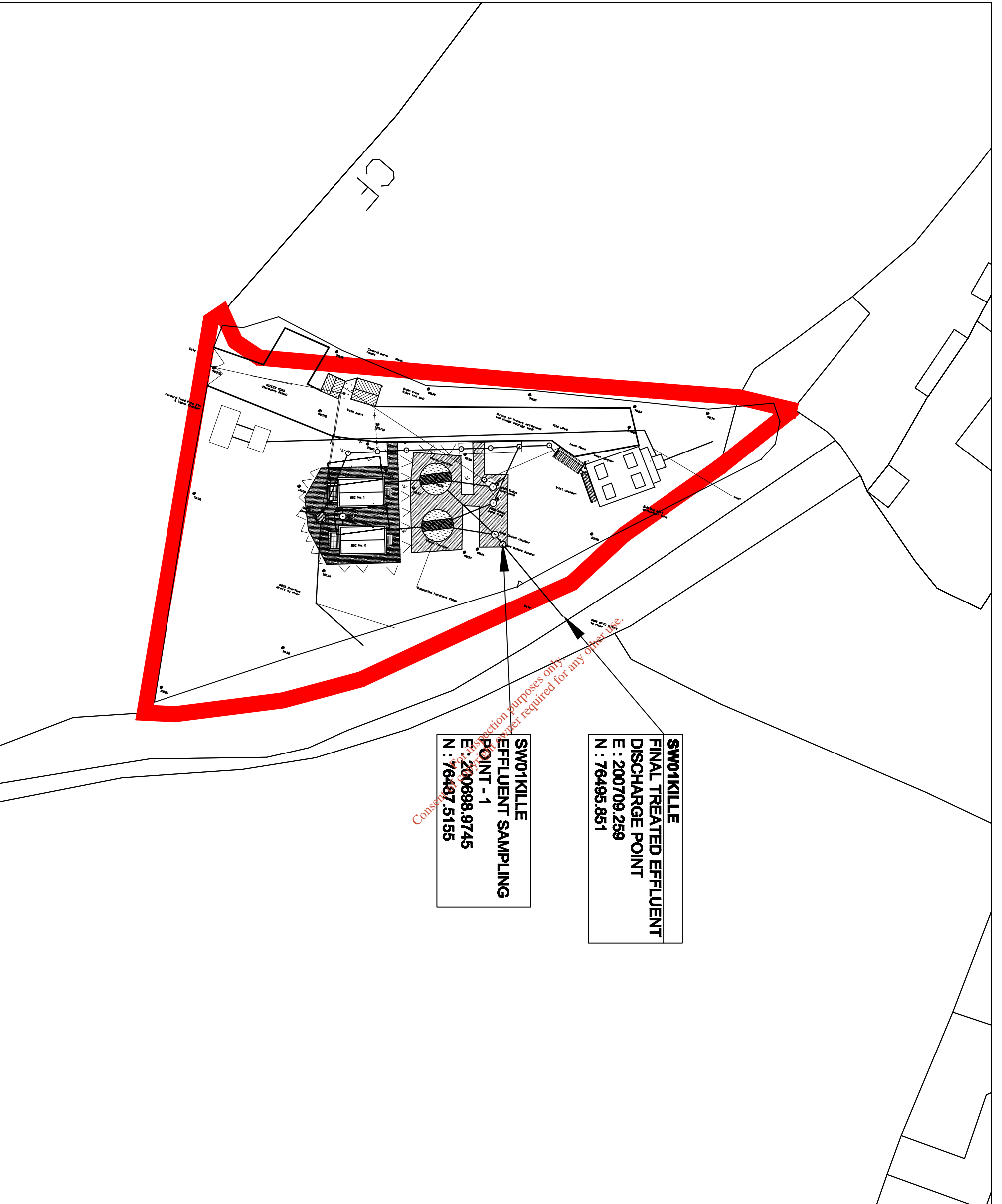
Public Works, 2000th Street, New Orleans, LA
Louisiana, USA

Project: KILLEAGH WWTW WASTE WATER DISCHARGE LICENCE APPLICATION

Title: APPLICATION FORM ATTACHMENT B2 MAP5 LOCATION OF UPSTREAM & DOWNSTREAM MONITORING POINTS

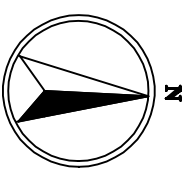
Drawn by:	ER	Checked by:	MH	Date:	1:10,000 @ A3	Drawn by:	SD	Approved by:	MH	Date:	NOV 08	Drawn by:	ER	Checked by:	MH	Date:	NOV 08	Drawn by:	SD	Approved by:	MH	Date:	NOV 08
-----------	----	-------------	----	-------	---------------	-----------	----	--------------	----	-------	--------	-----------	----	-------------	----	-------	--------	-----------	----	--------------	----	-------	--------

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, Meain Head.
4. DO NOT SCALE, use figured dimensions only, if in doubt ask.



SW01KILLE
FINAL TREATED EFFLUENT
DISCHARGE POINT
 E : 200709.259
 N : 76495.851

SW01KILLE
EFFLUENT SAMPLING
POINT - 1
 E : 200698.9745
 N : 76487.5155

Consent for reproduction purposes only.
 Further consent required for any other use.

Date	By	Description

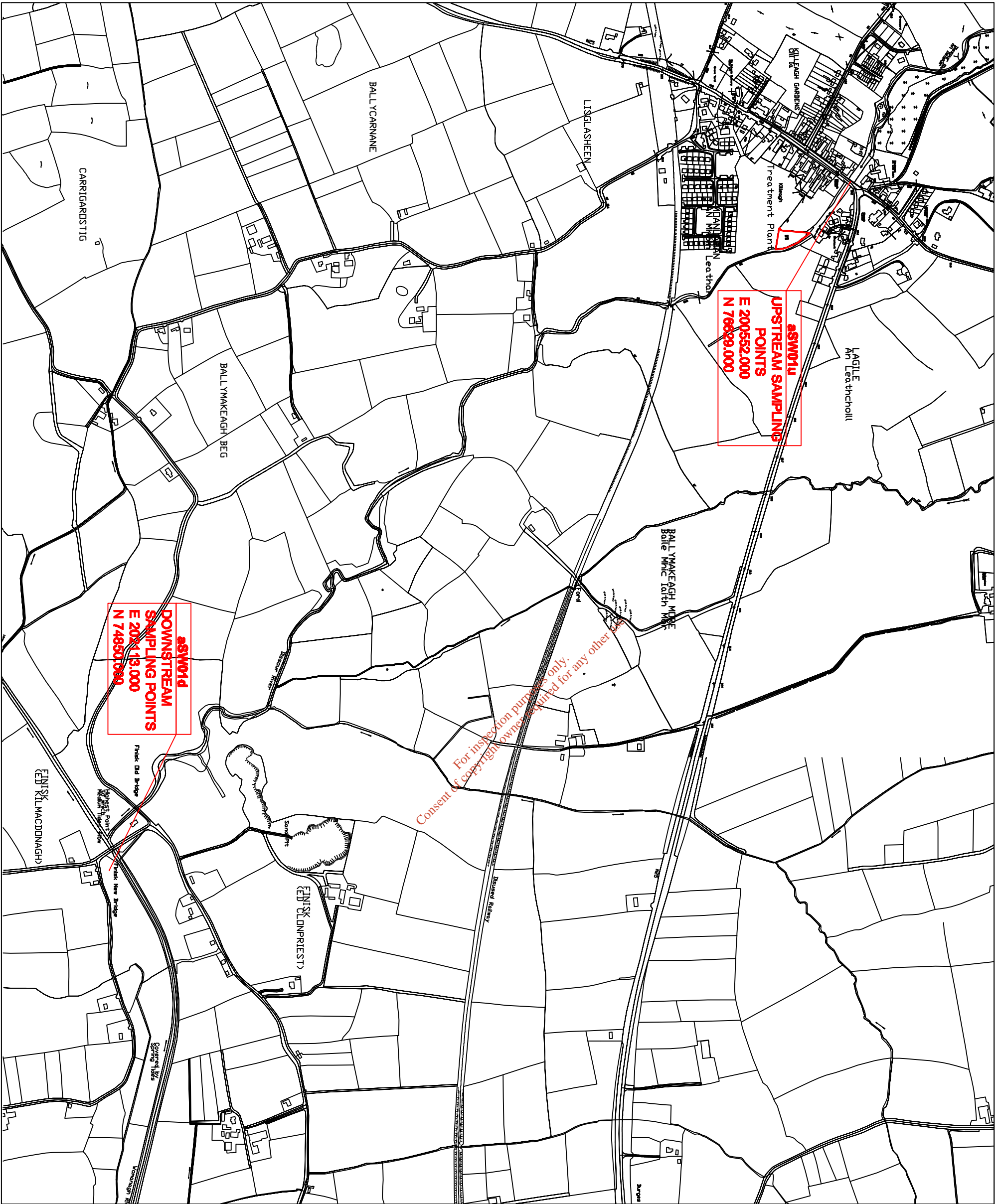


CORK COUNTY COUNCIL
 SOUTHERN DIVISION
 Head Office: THE CLIFF, BUCKINGHAM STREET, CORK, CO. CORK
 South View, Malinbeg Road, Carrigrohane, Cork

Project: KILLEAGH
 WWTP WASTE WATER
 DISCHARGE LICENCE APPLICATION

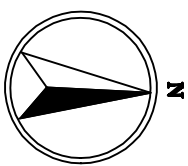
Title: APPLICATION FORM
 ATTACHMENT B3_Map6
 LOCATION OF PRIMARY DISCHARGE POINT

Drawn: ER	Checked: MH	Scale: 1:500 @ A3	Drawing No: B3_Map6
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, Meath Head.
4. DO NOT SCALE, use figured dimensions only, if in doubt ask.

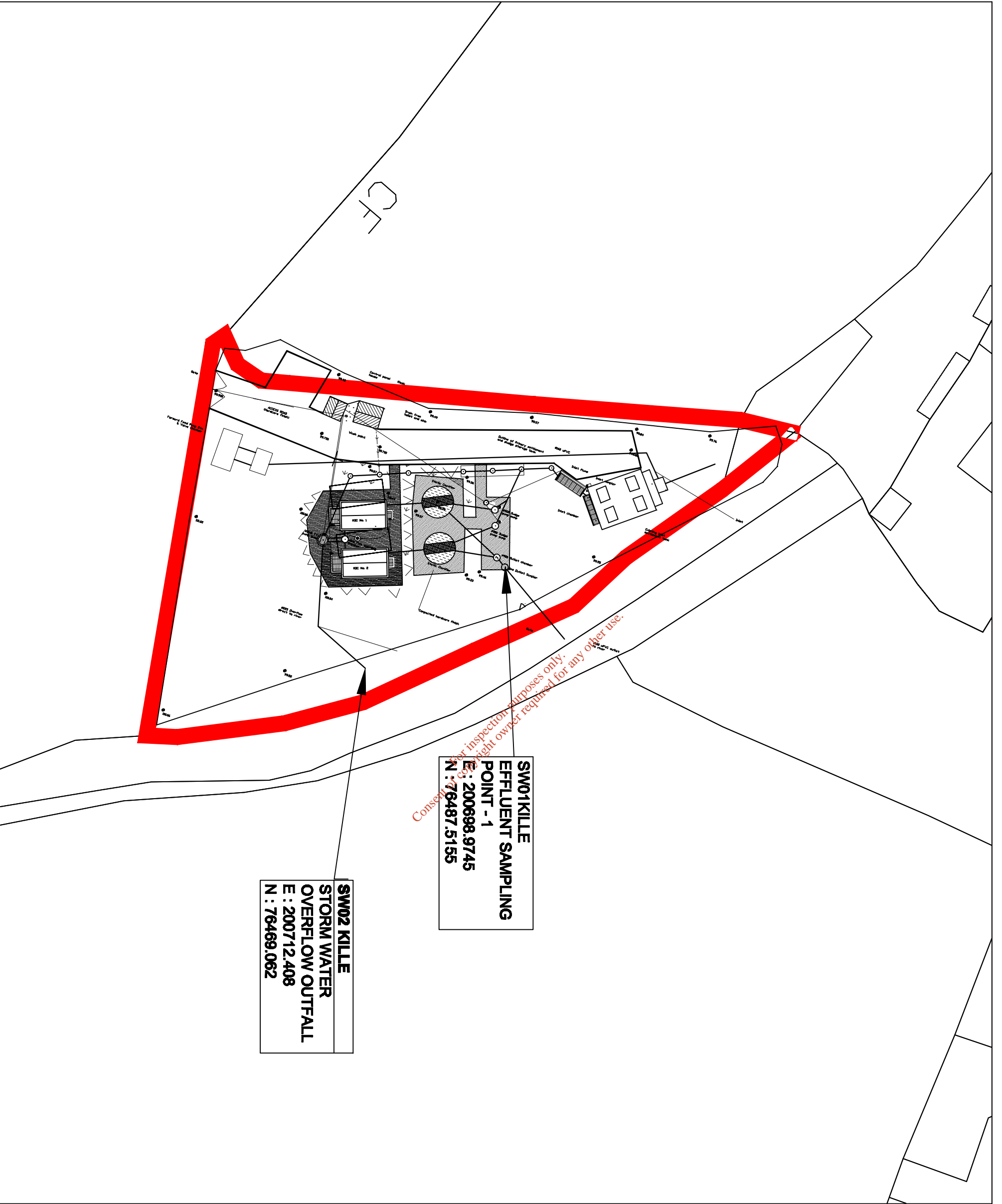


Date	By	Description


CORK COUNTY COUNCIL
 SOUTHERN DIVISION
Head Office: 100, South Mall, Cork
 Telephone: 021 493 6000
 Fax: 021 493 6001
 Email: info@ccork.ie

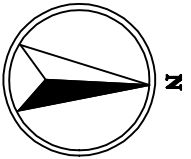
Project: KILLEAGH WWTW WASTE WATER DISCHARGE LICENCE APPLICATION
Title: APPLICATION FORM ATTACHMENT B3 Map7 LOCATION OF UPSTREAM & DOWNSTREAM MONITORING POINTS

Drawn by	ER	Checked by	MH	Date	1:10,000 @ A3	Drawn by	ER
Checked by	SD	Approved by	MH	Date	NOV 08	Drawn by	SD
Scale	1:10,000 @ A3	Sheet	B3 Map7	Sheet	1 of 1	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 CCM/A 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.



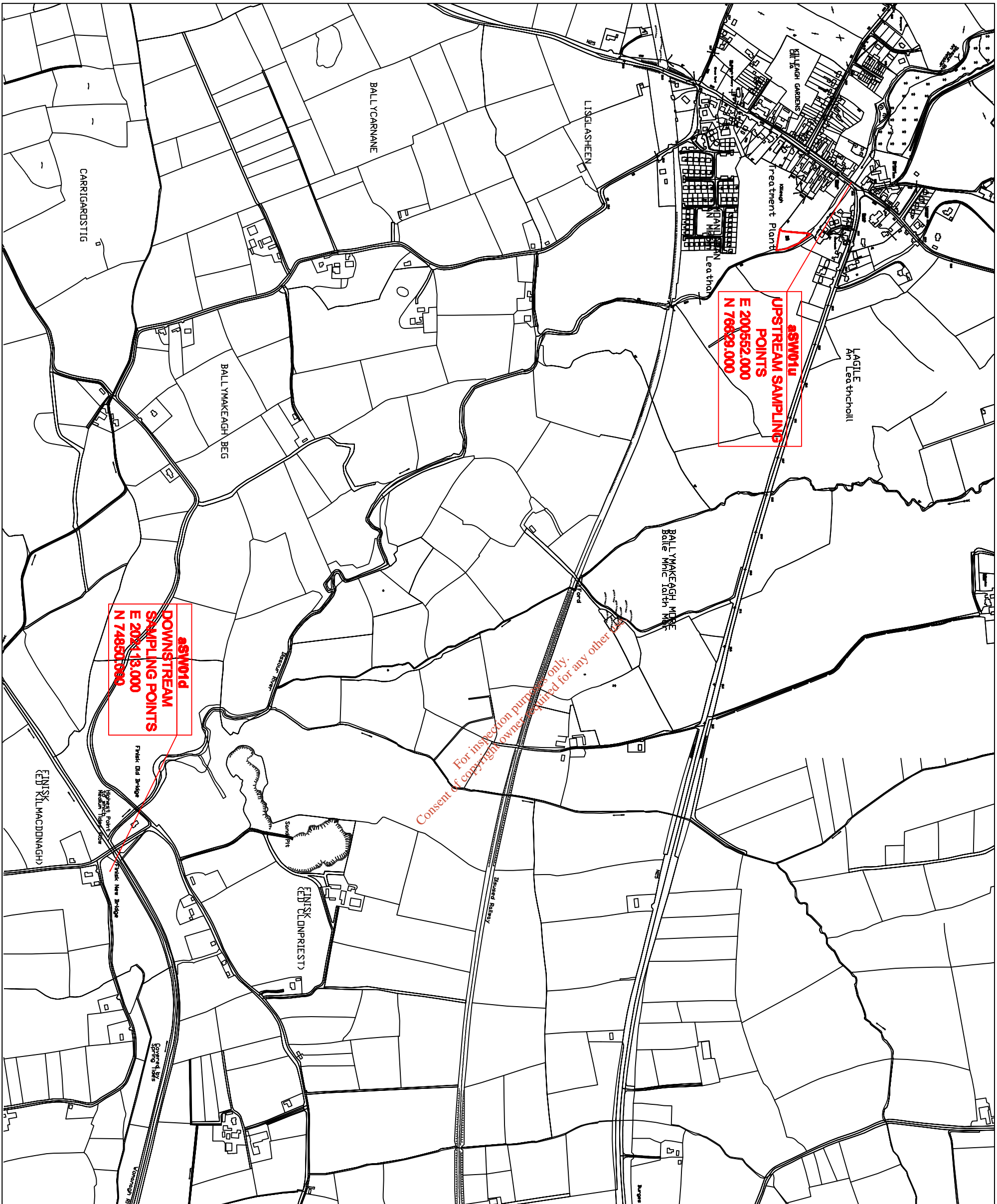
Rev. No	Date	By	Description


CORK COUNTY COUNCIL
 SOUTHERN DIVISION
Head Office: 236 College Road, Ballincobbin, Carrigrohane, Co. Cork.
 Tel: 0234 222222 Fax: 0234 222222
 Email: enquiries@ccck.ie Website: www.corkcouncil.ie

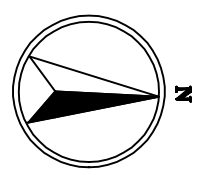
Project: KILLEAGH
 WWTP WASTE WATER
 DISCHARGE LICENCE APPLICATION

Title: APPLICATION FORM
 ATTACHMENT B5_Map8
 LOCATION OF STORM WATER
 OVERFLOW POINTS

Designed: ER	Checked: MH	Issued: 1:500 @A3	Drawing No: B5_Map8
Drawn: SD	Approved: MH	Date: NOV '08	Scale: -
This Scale:			Sheet: -



- 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 License 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, Mr. Cling, Building Services **Public Name, Number of Members, and Operation Date**

Project: KILLEAGH WWTW WASTE WATER DISCHARGE LICENCE APPLICATION

Title: APPLICATION FORM ATTACHMENT B5 Map9 LOCATION OF UPSTREAM & DOWNSTREAM MONITORING POINTS

Drawn:	ER	Checked:	MH	Scale:	1:10,000 @ A3	Drawn/Rev:	B5 Map9
Date:	SD	Approved:	MH	Date:	NOV 08	Sheet:	1 of 1

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 Killeagh at the following locations:

Plant Name	Location	National Grid Ref.
Killeagh WWTP	Moanlahan, Killeagh	E 200693 N 076475

Discharge	Function	Townland	Receptor	Grid Reference
Primary	Main	Killeagh	Dissour	E 200709 N 076496
Primary (Proposed)	Main	Killeagh	Dissour	E 200722 N 076431

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 Killeagh at the following locations:

Plant Name	Location	National Grid Ref.
Killeagh WWTP	Moanlahan, Killeagh	E 200693 N 076475

Discharge	Function	Townland	Receptor	Grid Reference
Primary	Main	Killeagh	Dissour	E 200709 N 076495
Primary (Proposed)	Main	Killeagh	Dissour	E 200722 N 076431

Cork County Council propose to provide a wastewater treatment plant on an adjacent site to the existing WWTP in Moanlahan, Killeagh Co Cork Grid Reference (E N) . It is proposed to discharge treated wastewater from this plant to the Dissour River. The proposed location is detailed in the table below

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

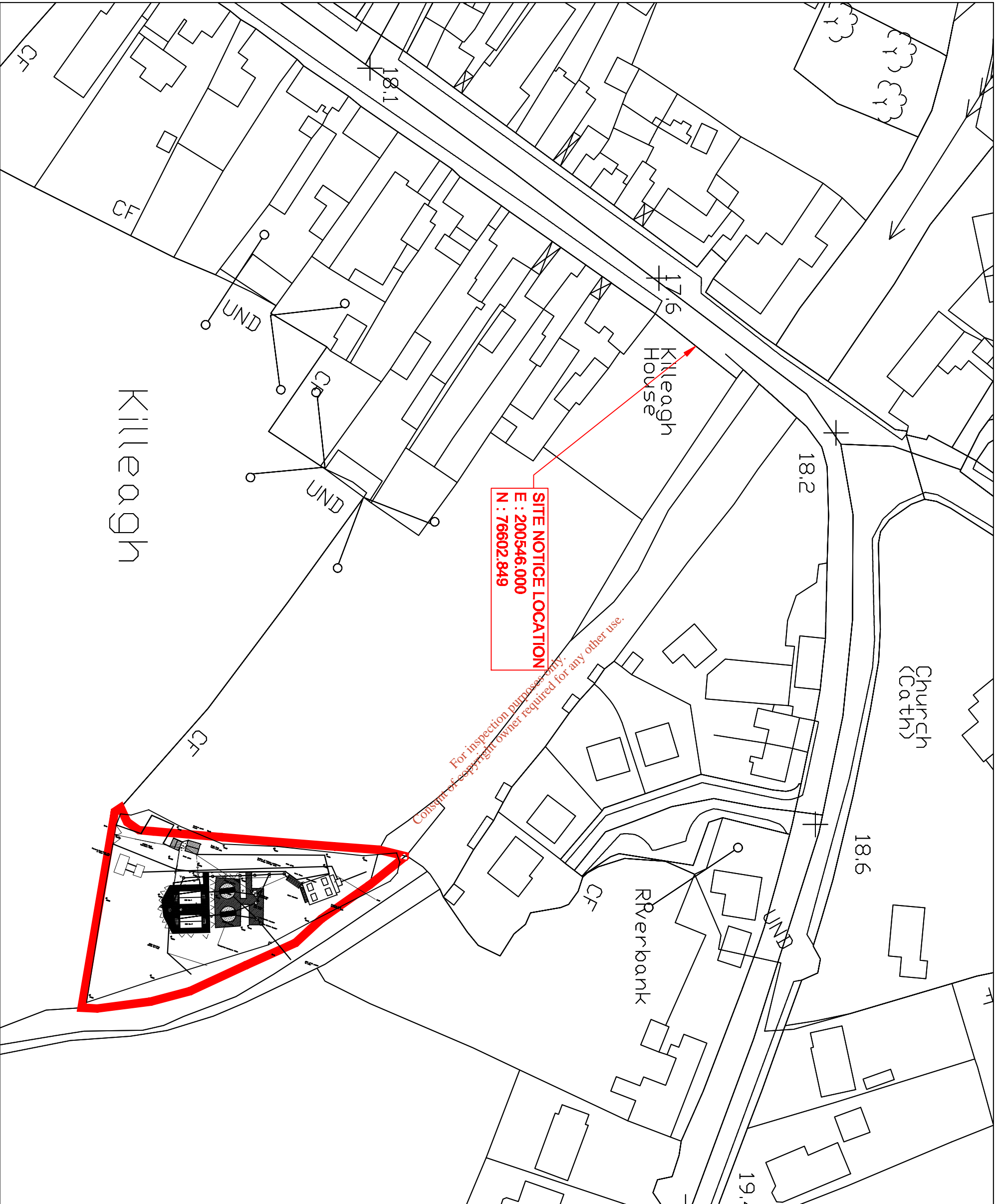
- **Environmental Protection Agency, PO Box 3000, Johnstown Castle Estate, Co. Wexford, Lo Call 1890 335599 Telephone: 053-9160600 Fax: 053-9160699 Email:info@epa.ie**

and at

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

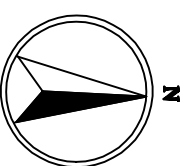
Submissions in relation to the application may be made to the Environmental Protection Agency at its headquarters described above

*For inspection purposes only.
Consent of copyright owner required for any other use.*



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 CCM4 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 Office: 128 College Road, Ballincobbin, Carrigrohane, Co. Cork.
Public Offices: 23 Main Street, Carrigrohane, Co. Cork.

Project: KILLEAGH
WWTP WASTE WATER
DISCHARGE LICENCE APPLICATION

Title: APPLICATION FORM
ATTACHMENT B9, Map10
LOCATION OF SITE NOTICE

Designed: ER	Checked: MH	Scale: 1:1000 @ A3	Drawing No: B9_Map10
Drawn: SD	Approved: MH	Date: NOV '08	Sheet: A

Cork County

Water Services Investment Programme 2007 - 2009

Schemes at Construction	W/S	Est. Cost	Schemes to start 2009 contd.	W/S	Est. Cost
Cork North			Cork South		
Mitchelstown Sewerage Scheme (Nutrient Removal)	S	221,000	Ballincollig Sewerage Scheme (Upgrade) (G)	S	22,248,000
Cork South			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	Cork West		
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
		41,274,000	Courtmacsherry/ Timoleague Sewerage Scheme	S	2,472,000
Schemes to start 2007			Dunmanway Regional Water Supply Scheme Stage 1	W	12,669,000
					164,629,000
Cork North			Serviced Land Initiative		
North Cork Grouped DBO Wastewater Treatment Plant (Buttevant, Doneraile & Kilbrin)	S	5,150,000	Cork North		
Cork West			Ballycough Water Supply Scheme	W	139,000
Skibbereen Sewerage Scheme	S	20,000,000	Ballyhooley Improvement Scheme	W/S	139,000
		25,150,000	Broghill-Rathgoggin Sewerage Scheme	S	406,000
Schemes to start 2008			Bweeng Water Supply Scheme	W	115,000
Cork North			Churchtown Sewerage Scheme (incl. Water)	W/S	543,000
Mallow/ Ballyvinner 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
Cork South			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	Cork South		
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
Cork West			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
		61,137,000	Innishannon Wastewater Treatment Plant	S	694,000
Schemes to start 2009			Kerrypike Sewerage Scheme	S	832,000
Cork North			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
Cork South contd.			Cork South		
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
Cork West			Cork West		
Castletownshend Sewerage Scheme	S	1,576,000	Bantry Regional Water Supply Scheme (Distribution)	W	9,455,000
		50,797,000	Cape Clear Water Supply Scheme	W	1,679,000
Rural Towns & Villages Initiative			Rural Towns & Villages Initiative		
Cork North			Cork North		
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
					95,646,000
Cork South			Water Conservation Allocation		
Innishannon (Ballinadee/ Ballinspittle/ Garrettstown) Water Supply Scheme	W	6,726,000	Asset Management Study		300,000
Cork West			South Western River Basin District (WFD) Project¹		
Ballylicky Sewerage Scheme	S	2,158,000			9,400,000
Baltimore Sewerage Scheme	S	3,162,000			
Castletownbere Sewerage Scheme	S	3,202,000			
Schull Sewerage Scheme	S	3,523,000			
		24,950,000	Programme Total		485,489,000
Schemes to Advance through Planning					
Cork North					
Mitchelstown North Galtees Water Supply Scheme	W	3,152,000			
Mitchelstown Sewerage Scheme	S	3,000,000			
Newmarket Sewerage Scheme	S	3,152,000			

¹ 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