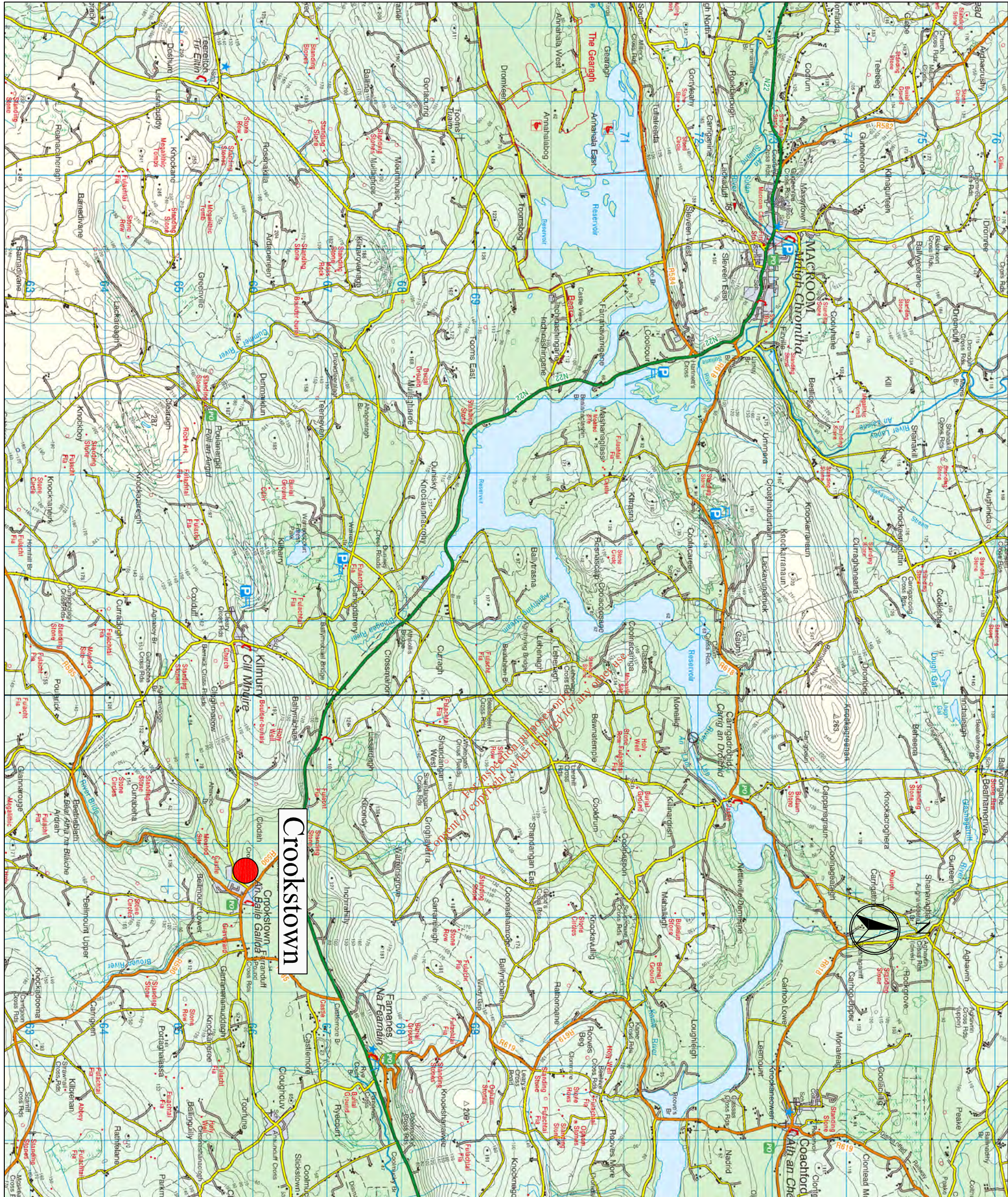


Attachments Table of Contents:

Attachment	Description
A1 Map 1	1:25,000 Location Map
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	Not Applicable
B5	Not Applicable
B6	Not Applicable
B7	Not Applicable
B8	Fees - Letter
B9	WSIP
B10	Not Applicable
B11	Not Applicable
C1 Map 7	Location of WWTP
D1	Not Applicable
D2	Discharge Point
E2	Details of Accreditation or Certification of Analysis
E3	Monitoring & Sampling Points
E4	Sampling Data
F1	SWRBD Status Report
F2	Not Applicable
G1	WSIP
G2	Not Applicable
G3	Not Applicable
G4	Not Applicable
Online Data	Online Data submitted to the EPA including Annex



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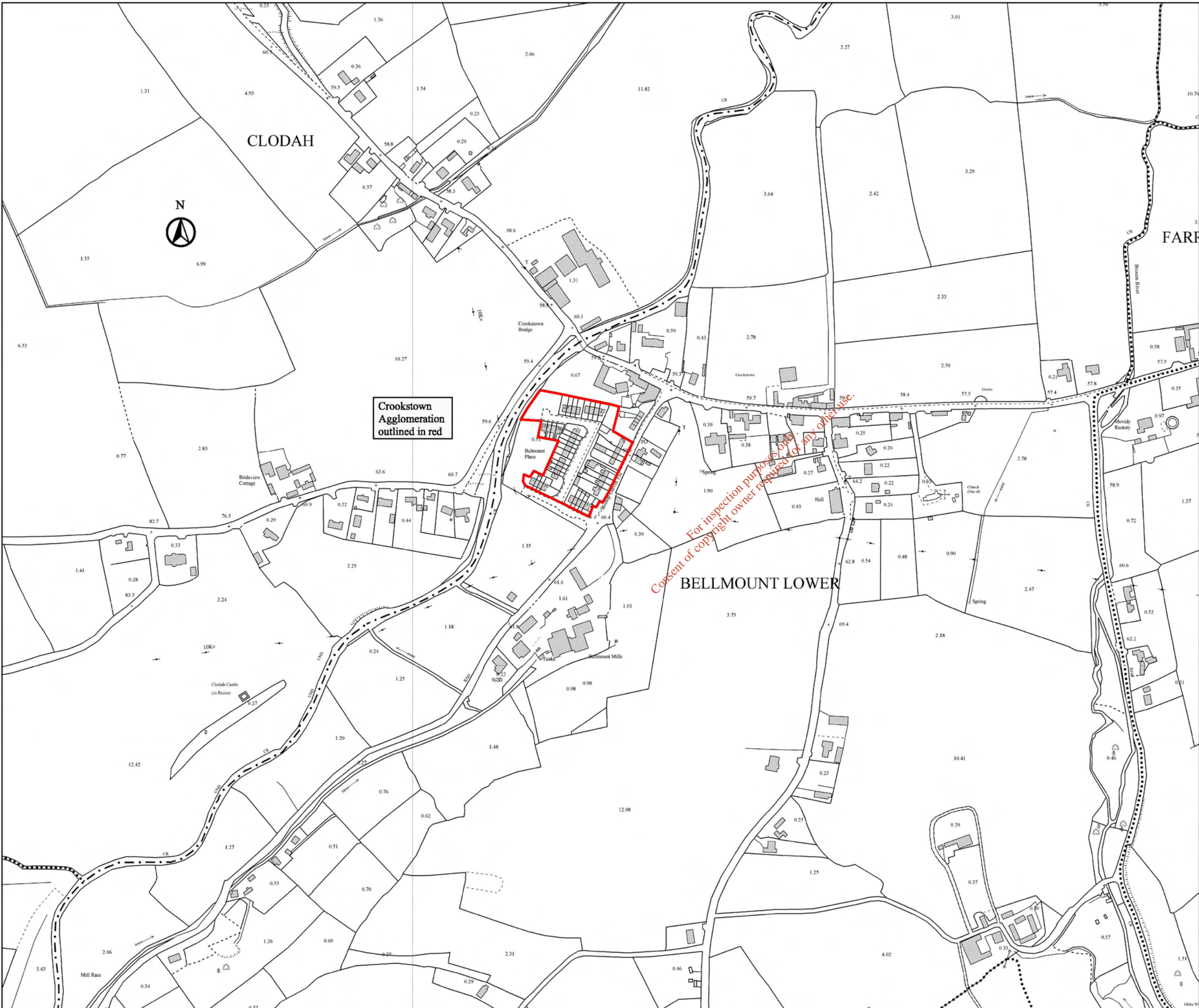


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 County Hall, Cork.
 P. Power
 Director of Services
 South Cork.

Project:
 EPA LICENCE APPLICATION
 Crookstown Agglomeration

Title:
 Section A1
 Non-Technical Summary
 Extent of Agglomeration

Designed:	Checked:	Scale:	Drawing No.
BOL	BQ	1:50,000	01
Drawn:	Approved:	Date:	
BOL	BQ	08/12/09	




Crookstown Agglomeration outlined in red

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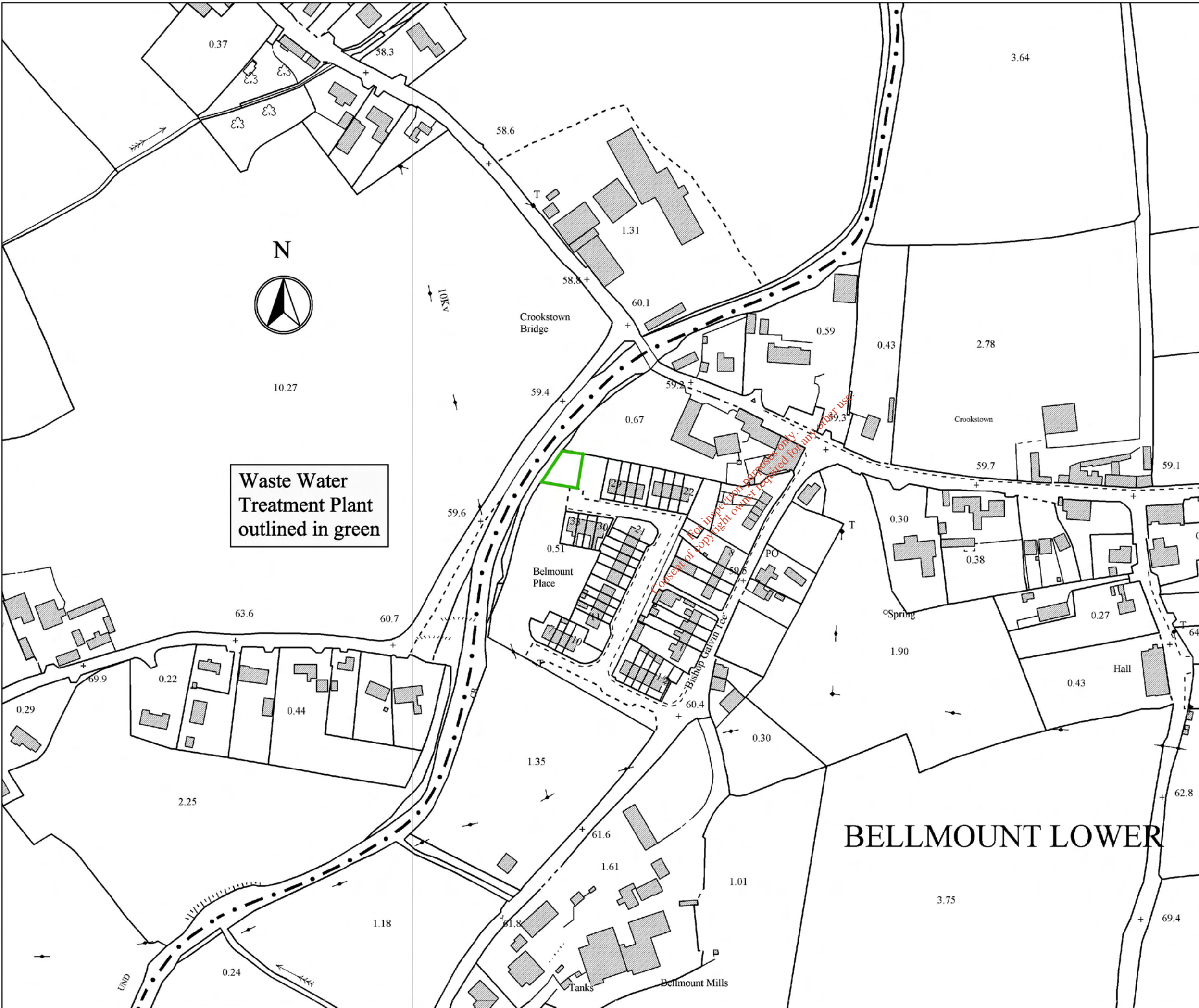
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Project:
EPA LICENCE APPLICATION
Crookstown Agglomeration

Title:
Section A
Non Technical Summary
Outline of Agglomeration


Designed: BOL	Checked: BQ	Scale: 1:5,000	Drawing No. 02
Drawn: BOL	Approved: BQ	Date: 08/11/09	



Waste Water Treatment Plant outlined in green

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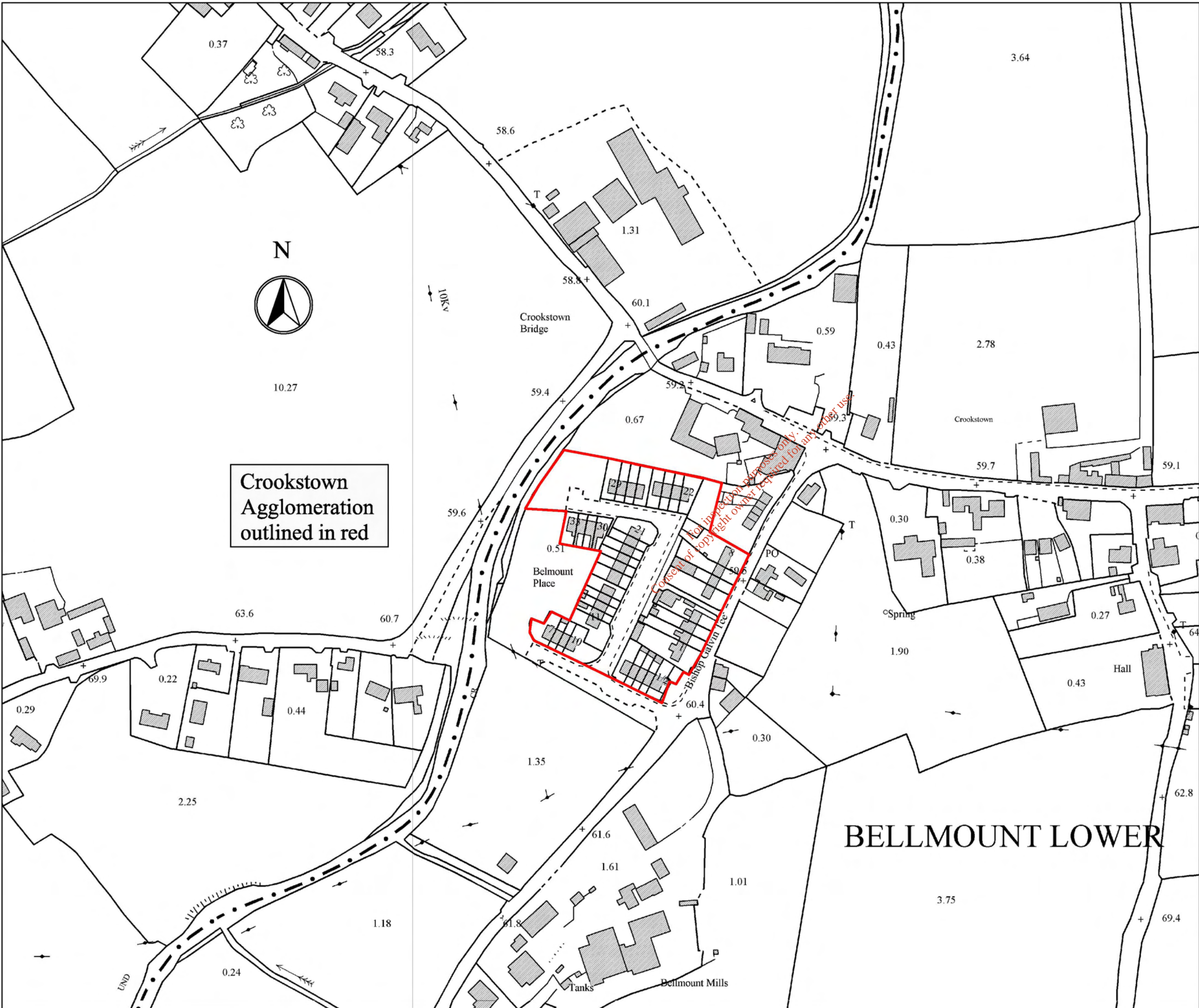
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Project:
EPA LICENCE APPLICATION
 Crookstown Agglomeration

Title:
Section A
Non Technical Summary
Location of WWTP


Designed: BOL	Checked: BQ	Scale: 1:2,500	Drawing No. 03
Drawn: BOL	Approved: BQ	Date: 08/11/09	



**Crookstown
Agglomeration
outlined in red**

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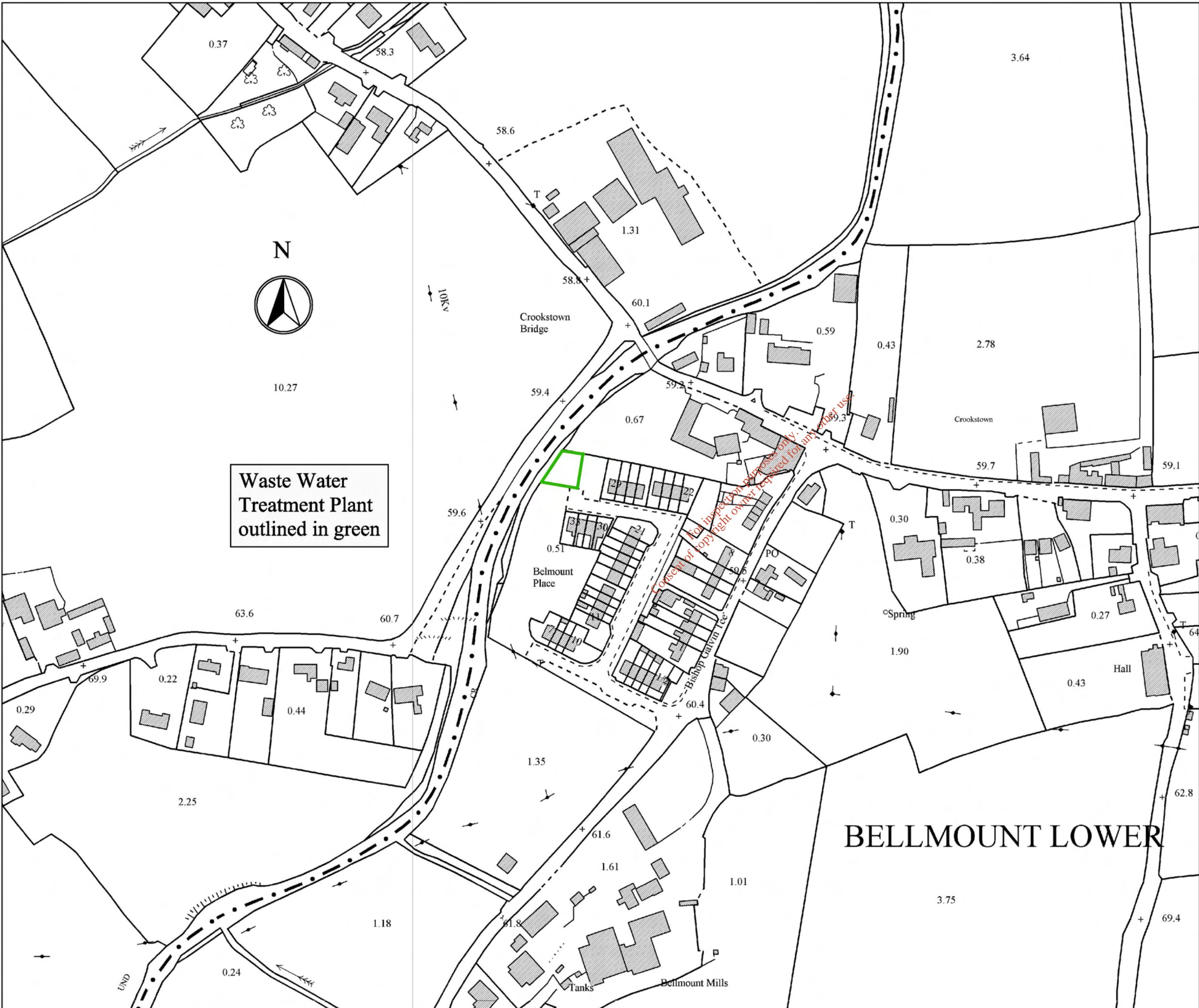


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Project:
EPA LICENCE APPLICATION
Crookstown Agglomeration

Title:
Section B1
Agglomeration Details
Outline of Agglomeration


Designed: BOL	Checked: BQ	Scale: 1:2,500	Drawing No. 04
Drawn: BOL	Approved: BQ	Date: 08/11/09	



Waste Water Treatment Plant outlined in green

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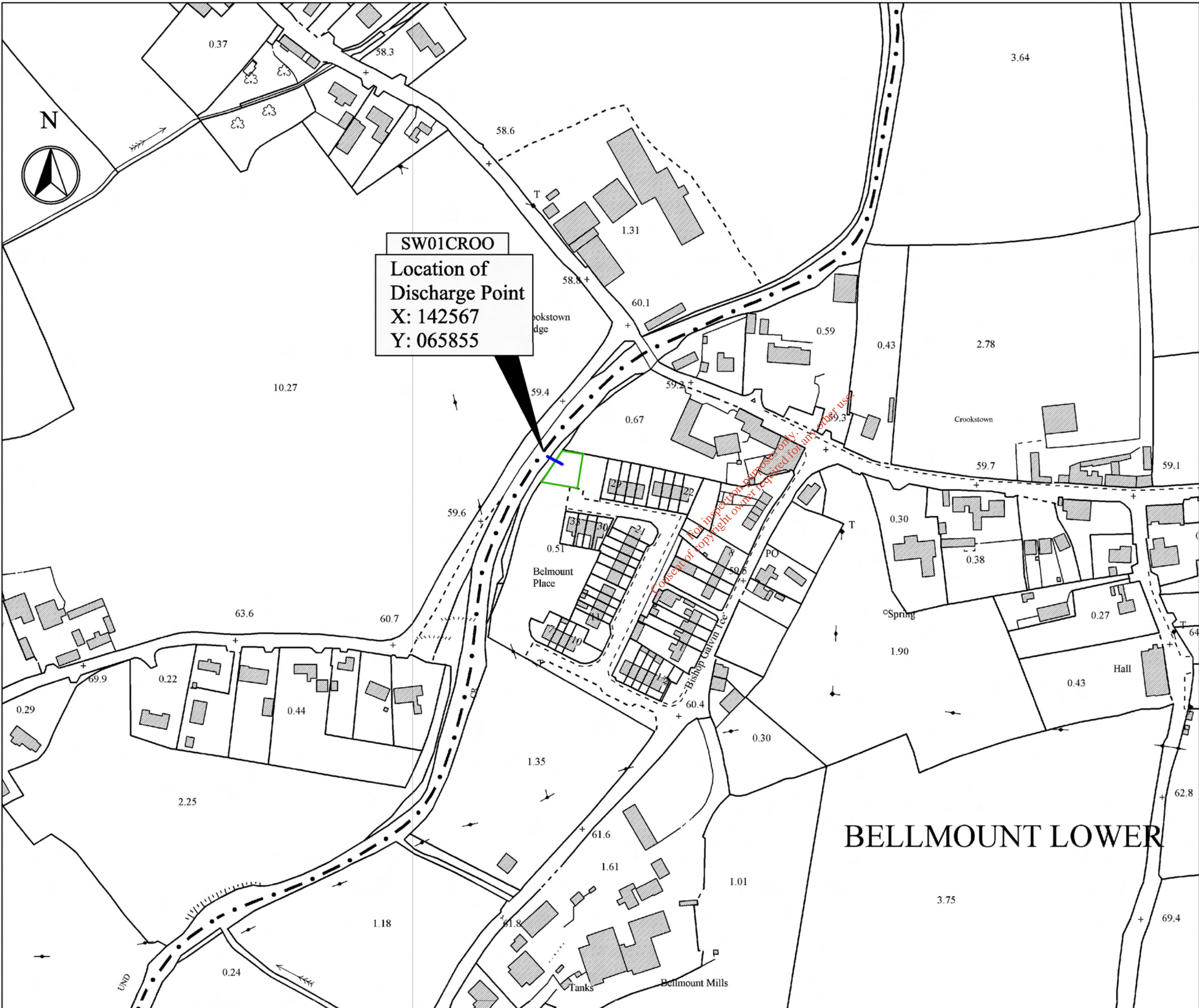
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 Director of Services
 South Cork.

Project:
EPA LICENCE APPLICATION
 Crookstown Agglomeration

Title:
Section B.2
Agglomeration Details
Location of WWTP

Designed: BOL	Checked: BQ	Scale: 1:2,500	Drawing No. 05
Drawn: BOL	Approved: BQ	Date: 08/11/09	




SW01CROO
Location of Discharge Point
 X: 142567
 Y: 065855

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BELLMOUNT LOWER

Cork County Council
 South Cork Division



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 County Hall, Cork.

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 Director of Services
 South Cork.

Project:
EPA LICENCE APPLICATION
 Crookstown Agglomeration

Title:
Section B.3
Agglomeration Details
Location of Discharge Point

Designed: BOL	Checked: BQ	Scale: 1:2,500	Drawing No. 06
Drawn: BOL	Approved: BQ	Date: 14/12/09	

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,
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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



Attachment G.1. Capital Investment Programme

Cork County

Water Services Investment Programme 2007 - 2009

Schemes at Construction	W/S	Est. Cost	Schemes to start 2009 cont'd.	W/S	Est. Cost
Cork North			Cork South		
Mitchelstown Sewerage Scheme (Nutrient Removal)	S	221,000	Ballinoolig Sewerage Scheme (Upgrade) (G)	S	22,248,000
			Cork Lower Harbour Sewerage Scheme (excl. Crosshaven SS)S		73,542,000
Cork South			Shamagarry/Garryvoe/Ballyodion Sewerage Scheme	S	3,780,000
Ballycurney/ Ballymaekery Sewerage Scheme	S	3,049,000	Youghal Sewerage Scheme	S	14,420,000
Cobh/ Midleton/ Carrigrohilly Water Supply Scheme	W	10,135,000			
Cork Lower Harbour Sewerage Scheme (Crosshaven SS) (G)	S	4,850,000	Cork West		
Cork Water Strategy Study (G)	W	941,000	Ballydohob 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	Cronakilly Sewerage Scheme (Plant Capacity Increase)	S	3,677,000
		41,274,000	Courtmaashery/ 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			Service Land Initiative		
North Cork Grouped DBO Wastewater Treatment Plant (Buttevant, Doneraile & Kibrin)	S	5,150,000	Cork North		
			Ballydough Water Supply Scheme	W	139,000
Cork West			Ballydooley Improvement Scheme	W/S	139,000
Skibbereen Sewerage Scheme	S	20,000,000	Broggilly-Rathgoggin Sewerage Scheme	S	405,000
		25,150,000	Bweeng Water Supply Scheme	W	115,000
Schemes to start 2008			Churchtown Sewerage Scheme (incl. Water)	W/S	543,000
Cork North			Condulane Sewage Treatment Plant	S	417,000
Mallow/ Ballyvinter Regional Water Supply Scheme (H)	W	8,652,000	Fremont Sewerage Scheme	S	150,000
Mallow Sewerage Scheme (H)	S	5,408,000	Flie Road Sewerage Scheme (incl. Water)	W/S	2,080,000
			Rathgoggin Sewerage Scheme (incl. Water)	W/S	535,000
Cork South			Shanagarry Sewerage Scheme	S	735,000
Ballinoolig Sewerage Scheme (Nutrient Removal) (G)	S	948,000	Uppal Farmoy Sewerage Scheme (incl. Water)	W/S	1,174,000
Ballygeary Sewerage Scheme	S	1,296,000	Watergrasshill Water Supply Scheme (incl. Sewerage) (G)	W/S	4,151,000
Bandon Sewerage Scheme Stage 2	S	14,729,000			
City Environs (CASP) Strategic Study (G)	S	2,000,000	Cork South		
Cloghros Sewerage Scheme (Upgrade)	S	823,000	Ballinoolig Sewerage Scheme (Bany's Rd Foulard Storm Drainage) (G)	S	1,164,000
Coashford Water Supply Scheme	W	1,318,000	Belgrosley Water Supply Scheme (incl. Sewerage)	W/S	2,913,000
Garretstown Sewerage Scheme	S	2,153,000	Bantry Water Supply Scheme (Ext. to Station Rd) (G)	W	416,000
Inniscaura Water Treatment Plant Extension Phase 1	W	2,678,000	Carrigrohilly Sewerage Scheme (Treatment and Storm Drain) (G)	S	7,632,000
Little Island Sewerage Scheme (G)	S	2,200,000	Castlemartyr Wastewater Treatment Plant Extension	S	1,200,000
			Crookstown Sewerage Scheme (incl. Water)	W/S	1,200,000
Cork West			Dripsey Water Supply Scheme (incl. Sewerage)	W/S	1,112,000
Bantry Sewerage Scheme	S	7,148,000	Gourthorne Sewerage Scheme (G)	S	1,576,000
Dunmanway Sewerage Scheme	S	2,153,000	Inishannon Sewerage Scheme	S	277,000
Leap/ Baltimore Water Supply Scheme	W	6,365,000	Inishannon Wastewater Treatment Plant	S	694,000
Schull Water Supply Scheme	W	5,253,000	Kerrypike Sewerage Scheme	S	832,000
		61,137,000	Kerrypike Water Supply Scheme	W	416,000
Schemes to start 2009			Kilbegh Wastewater Treatment Plant Extension	S	1,200,000
Cork North			Kilbegh Water Supply Scheme (includes Sewerage)	W/S	485,000
Banteen/Dromahane Regional Water Supply Scheme	W	1,576,000	Kilbena Sewerage Scheme	S	420,000
Conna Regional Water Supply Scheme Extension	W	2,627,000	Kinagoe Sewerage Scheme	S	694,000
Cork NE Water Supply Scheme	W	4,326,000	Midleton Wastewater Treatment Plant Extension	S	4,030,000
Cork NW Regional Water Supply Scheme	W	6,046,000			
Millstreet Wastewater Treatment Plant (Upgrade)	S	1,628,000			

Cork County contd.

Water Services Investment Programme 2007 - 2009

Serviced Land Initiative contd.	W/S	Est. Cost	Schemes to Advance through Planning contd.	W/S	Est. Cost
Cork South contd.			Cork South		
Mogely Castlemarye & Ladsbridge Water Supply Scheme	W	2,566,000	Carriwohill Sewerage Scheme (G)	S	20,000,000
North Cdh. Sewerage Scheme (G)	S	3,193,000	Cork Sludge Management (G)	S	14,420,000
Rivestick Water Supply Scheme (Ind. Sewerage)	W/S	525,000	Cork Water Supply Scheme (Storage - Mount Emla, Ballinoolig & Chetwind) (G)	W	8,500,000
Rohestown Water Supply Scheme	W	2,700,000	Intracama 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
		50,787,000	Cape Clear Water Supply Scheme	W	1,679,000
Rural Towns & Villages Initiative			Castletownbere Regional Water Supply Scheme		
			W		
			8,405,000		
			Glenamiff Sewerage Scheme		
			S		
			2,500,000		
Cork North			Roscarberry/Owenahincha Sewerage Scheme		
			S		
			1,576,000		
Buttvant Sewerage Scheme (Collection System)	S	2,446,000	Skibbereen Regional Water Supply Scheme Stage 4	W	7,880,000
Doneraile Sewerage Scheme (Collection System)	S	1,738,000			
			95,646,000		
Cork South			Water Conservation Allocation		
			12,206,000		
Imisharmon (Ballinacoe/Ballinspittle/Garretstown) Water Supply Scheme	W	6,726,000	Asset Management Study		
			300,000		
Cork West			South Western River Basin District (WFD) Project¹		
			9,400,000		
Ballydy Sewerage Scheme	S	2,153,000			
Baltimore Sewerage Scheme	S	3,162,000			
Castletownbere Sewerage Scheme	S	5,202,000			
Schull Sewerage Scheme	S	3,523,000			
		24,550,000	Programme Total		
			485,489,000		
Schemes to Advance through Planning					
Cork North					
Milchtstown North Galtees Water Supply Scheme	W	3,620,000			
Milchtstown Sewerage Scheme	S	3,460,000			
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

CORK COUNTY COUNCIL



WATER SERVICES INVESTMENT PROGRAMME

2010 - 2012

NEEDS ASSESSMENT 2009

(IN ACCORDANCE WITH CIRCULAR L6/09)

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**Mr Noel O'Keeffe,
County Engineer,
Cork County Council,**

Issue Date: 14th December 2009

Each Member of the Council

Re: Circular L6/09

Water Services Investment Programme 2010-2012
Needs Assessment 2009

The current Water Services Investment Programme (WSIP) covers the period 2007-2009 and the Department has commenced work on the development of the WSIP for the period 2010-2012.

Water services authorities are required to submit completed assessment of needs and to incorporate the requirements of Town Councils as an integral part of the assessment for the county.

There is a new focus on contracts for works that can go ahead in the period 2010-2012. Many schemes are made up of separate substantial contracts, some of which are more urgently required than others. The WSIP 2010-2012 will accordingly show contracts in progress; contracts to go to construction 2010-2012 and schemes that will continue in planning in the period 2010-2012 but be constructed post 2012.

The Department has identified four broad categories of need and requires authorities to prepare separate lists for each.

- Category 1: Water Conservation
- Category 2: Works to respond to ECJ judgements
- Category 3: Works to meet Public Health/Environment Objectives
- Category 4: Works to support sustainable development, strategic developing areas and support employment creation.

The total investment required in water services in Cork County to meet statutory requirements in drinking water and wastewater, to establish district metering and commence initial investment in mains rehabilitation and to support key economic and employment creation objectives amounts to €629,039,034. This is made up of €269,545,717 to be expended in planning and construction in the period 2010-2012 and €359,493,317 post-2012. A relevant proportion of the planning cost for the works post 2012 is included in the 2010-2012 period.

The proposed programme highlights the significant immediate investment required to ensure that all of the Councils domestic, commercial and industrial consumers are supplied with water of the highest quality complying at all times with all statutory drinking water quality parameters. Works impacting on drinking water quality have been given a high priority.

The programme identifies that there is a major backlog in works required to ensure that wastewater is adequately treated before discharge and to take account of issues arising under the Water Framework Directive. The programme proposed gives particular attention to discharges which may pose a threat to drinking water intakes.

The overall investment programme is designed to meet the Councils investment need in major capital water services and can be summarised as follows

Investment Area	Priority Objective	Contracts 2010-2012 (incl. Planning Costs)	Works Post 2012	
			Planning Costs 2010-2012	Planning and Construction Costs Post 2012
		A	B	C
Water Conservation	Establish District metering and Replace defective mains.	€ 30,201,179	-	Not Quantified
Drinking Water Quality	Meet Prescribed Quality Standards in Drinking Water	€ 82,556,919	€ 12,438,119	€ 123,976,817
Wastewater Treatment	Reduce Risk to Drinking Water Sources	€ 29,818,000	€ 700,000	€ 13,300,000
	Meet remaining statutory requirements in Wastewater Treatment and support key economic objectives.	€ 75,639,000	€ 38,192,500	€ 222,216,500
	<i>Sub-Total</i>	€ 218,215,098	€ 51,330,619	€ 359,493,317
Programme Expenditure 2010-2012		A+B	€269,545,717	
Programme Expenditure Post 2012		C	€359,493,317	

The programme for the period 2010-2012 is necessarily ambitious given the scale of the deficit identified in meeting basic statutory requirements. The Council is however satisfied that it has the organisation and technical resources to meet the targets.

Attachments:

- *Category 1 List*
- *Category 2 List*
- *Category 3 List*
- *Category 4 List*

Priority No.	Scheme Name	Contract Title	Description of Works/Outcome	Estimated Cost	Planning Estimate	Construction Start	Need Under Category 3	Need Under Category 4	Contracts at Construction	Contracts to go to Construction 2010-2012	Schemes/ Contracts to Advance through Planning
38	Courtmacsherry/Timoleague Sewerage Scheme	<i>Courtmacsherry/Timoleague Sewerage Scheme</i>	Cease untreated discharges and provide Collection System and Waste Water Treatment Plant to treat sewerage in accordance with Urban Waste Water Treatment Regulations, Bathing Water Quality Regulations.	€5,000,000.00	Incl.	Q2-12	✓			✓	
39	Ballingeary Sewerage Scheme	<i>Ballingeary Sewerage Scheme</i>	Cease discharge from overloaded septic tank and provide Appropriate Treatment in accordance with Urban Waste Water Treatment Regulations	€2,200,000.00	Incl.	Q4-10	✓			✓	
40	Ballyourney/Ballymakerra Sewerage Scheme	<i>Ballyourney/Ballymakerra Sewerage Scheme</i>	Cease discharge from overloaded septic tanks and provide Appropriate Treatment in accordance with Urban Waste Water Treatment Regulations	€1,800,000.00	Incl.	Q4-10	✓			✓	
41	Innishannon Sewerage Scheme	<i>Innishannon Sewerage Scheme</i>	Cease untreated discharges and provide Waste Water Treatment Plant to treat sewerage in accordance with Urban Waste Water Treatment Regulations. Provide minor collection system upgrades	€2,000,000.00	Incl.	Q2-11	✓			✓	
42	Mitchelstown Sewerage Scheme	<i>Mitchelstown Sewerage Scheme - Nutrient Reduction & Storm Overflow</i>	Screen Storm Water Overflow at Waste Water Treatment Plant. Provide Nutrient Reduction	€200,000.00	Incl.	Q3-10	✓	✓		✓	
43	Newmarket Sewerage Scheme	<i>Newmarket Sewerage Scheme - Collection System Upgrade</i>	Upgrade and provide storm water separation in existing combined system	€5,000,000.00	Incl.	Q2-11	✓			✓	
44	Glenville Sewerage Scheme	<i>Glenville Sewerage Scheme - Waste Water Treatment Plant</i>	Provide upgrade to Waste Water Treatment Plant to treat sewerage in accordance with Urban Waste Water Treatment Regulations, Quality of Salmonid Waters Regulation	€1,632,000.00	Incl.	Q1-10	✓			✓	
45	Crookstown Sewerage Scheme	<i>Crookstown Sewerage Scheme - Collection System</i>	Provide Collection System to collect existing properties	€1,600,000.00	Incl.	Q3-10	✓			✓	
46	Crookstown Sewerage Scheme	<i>Crookstown Sewerage Scheme - Wastewater Treatment Plant Design / Build Contract</i>	Cease discharges from overloaded septic tank. Provide Waste Water Treatment Plant to treat sewerage in accordance with Urban Waste Water Treatment Regulations, Quality of Salmonid Waters Regulations. Meet requirements of EPA Section 63 Notice	€1,400,000.00	Incl.	Q3-10	✓			✓	
47	Crookstown WSS	<i>Crookstown WSS</i>	New groundwater source developed for Crookstown. Rising main, reservoir and associated pipework to be constructed. Distribution system upgraded.	€1,200,000.00	Incl.	Q3-10	✓			✓	
48	Dunmanway Sewerage Scheme	<i>Dunmanway Sewerage Scheme - Collection System Upgrade Contract</i>	Repair of existing system due to collapse, cross connections, route ingress.	€400,000.00	Incl.	Q2-11	✓			✓	
49	Crosshaven Sewerage Scheme	<i>Crosshaven Sewerage Scheme</i>	Meet condition of Foreshore licence	€330,000.00	Incl.	Q3-10	✓			✓	
50	Kinsale Sewerage Scheme	<i>Kinsale Sewerage Scheme - Storm Tank</i>	Meet Article 3 of Urban Waste Water Treatment Regulations	€1,000,000.00	Incl.	Q2-10	✓			✓	
51	Innishannon Regional Water Supply Scheme	<i>Innishannon Regional Water Supply Scheme</i>	Extension of Innishannon RWSS to Belgooly and Riverstick and replace the at risk local sources.	€1,500,000.00	Incl.	Q4-10	✓	✓		✓	
52	Leap Baltimore Water Supply Scheme	<i>Leap Baltimore Water Supply Scheme - Phase 1</i>	Advanced Contract to supply water to Baltimore Village	€2,200,000.00	Incl.	Q4-10	✓			✓	