

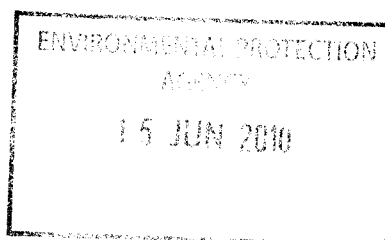
**Meath County Council**  
**Water Services, Infrastructure,**  
**Units 41-42, Navan Enterprise Centre,**  
**Trim Road, Navan, Co. Meath**  
**Tel: 046 - 9067455**



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**Units 41-42, Navan Enterprise Centre,**  
**Trim Road, Navan, Co. Meath**  
**Fax: 046 - 9067454**

**Infrastructure**  
**Our ref:GC/JW**  
**9<sup>th</sup> June 2010**

**Environmental Protection Agency**  
**Attn: Administration**  
**PO Box 3000**  
**Johnstown Castle Estate**  
**Co Wexford**



**Re: Sixteen Waste Water Discharge Certificates of Authorisation Applications for County Meath and subsequent EPA Notice in accordance with Regulation 25(c)(ii) of the Water Discharge Authorisation Regulation 2007**

Dear Administrator,

Please find enclosed assessments as per Circular L8/08 "*Water Services Investment and Rural Water Programmes*" and requested by the EPA in the letter to us dated 07<sup>th</sup> April 2010. Meath County Council indicated the assessments would be forthcoming in our letter to the EPA dated 19<sup>th</sup> April 2010.

Robinstown	A0016-01	Carnaross	A0043-01
Ardcath	A0017-01	Castletown	A0044-01
Clonalvy	A0018-01	Hill of Tara	A0048-01
Dunderry	A0019-01	Lobinstown	A0052-01
Kilberry	A0021-01	Lloyd Kells	A0053-01
Cortown	A0023-01	Skreen	A0055-01
Bohermeen	A0028-01	Ballinabrackey	A0062-01
Bellewstown	A0041-01	Batterstown	A0063-01

An assessment of the likelihood of significant effects of the waste water discharges from the above agglomerations on relevant natural heritage and European sites has been carried out in accordance with **Circular L8/08** and in particular the flow diagram in **Appendix 1**.

Circular L8/08 requires that where initial screening reveals, or cannot exclude with certainty, a likely significant ecological impact, an assessment of impacts will need to be

undertaken. For natural heritage in general, this will involve an ecological impact assessment. In the case of potential impacts on Natura 2000 or European sites (SACs and SPAs, including any candidate sites), appropriate assessment is required under Article 6(3) of the Habitats Directive.

The results of the L8/08 assessment for each agglomeration is summarised in Table 1 below together with recommendations for further assessment of impacts where deemed necessary.

**TABLE 1.**

Agglomeration	EPA Ref No.	Potential Impact on:	No Further Action Required	Assess Impacts	Recommendation:
Robinstown (300 p.e.)	A0016-01	River Boyne & River Blackwater SAC's		√	Appropriate Assessment
Ardcath (60 p.e.)	A0017-01	Cromwells Bush Fen pNHA	√		
Clonalvy (23 p.e.)	A0018-01	Cromwells Bush Fen pNHA	√		
Dunderry (200 p.e.)	A0019-01	River Boyne & River Blackwater SAC's		√	Appropriate Assessment
Kilberry (80 p.e.)	A0021-01	River Boyne & River Blackwater SAC's	√		
Cortown (100 p.e.)	A0023-01	River Boyne & River Blackwater SAC's and Jamestown Bog and Girley Bog NHA's	√		
Bohermeen (100 p.e.)	A0028-01	River Boyne & River Blackwater SAC's	√		
Bellewstown (49 p.e.)	A0041-01	Cromwells Bush Fen & Duleek Commons pNHA's	√		
Carnaross (150 p.e.)	A0043-01	River Boyne & River Blackwater SAC's		√	Appropriate Assessment
Castletown (200 p.e.)	A0044-01	N/A	√		
Hill of Tara (100 p.e.)	A0048-01	River Boyne & River Blackwater SAC's	√		
Lobinstown (60 p.e.)	A0052-01	N/A	√		
Lloyd Kells (400 p.e.)	A0053-01	River Boyne & River Blackwater SAC's		√	Appropriate Assessment
Skreen (80 p.e.)	A0055-01	N/A	√		
Ballinabrackey (60 p.e.)	A0062-01	River Boyne SAC	√		
Batterstown (60 p.e.)	A0063-01	N/A	√		

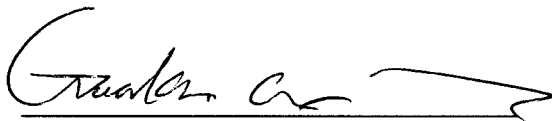
Based on this assessment, four agglomerations have potential for significant impact on relevant European sites and will require an Appropriate Assessment. The other twelve agglomerations have been assessed as not having significant effects and no further action is required in respect of these.

Meath County Council will arrange to have AA's conducted for the four agglomerations in accordance with Article 6(3) of the Habitats Directive and will notify the EPA of our anticipated submission date for the reports once we select our Consultant.

The preparation of an Appropriate Assessment must consider the in combination effects of other projects or plans. As all four agglomerations requiring an Appropriate Assessment are in the River Boyne Catchment or the River Boyne & Blackwater SAC, we plan to carry out one appropriate assessment that will consider all four agglomerations.

We enclose two hard copies of the L8/08 assessment and one PDF file format on CD-ROM.

Yours sincerely,



**Geraldine A. Cusack**  
**Executive Engineer, Water Services**

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**Waste Water Discharge Certificate of Authorisation for**  
**Clonlavy Sewerage Scheme**  
**Assessment of Likelihood of Significant Impact of Discharge on Relevant European Sites**

<b>Consideration</b>	<b>Response</b>
1. Is the development in or on the boundary of a nature conservation site NHA/SAC/SPA?	No
2. Will nationally protected species be directly impacted? Wildlife Acts (1976 and 2000), Flora Protection order (S.I. 94 of 1999)?	No
3. Is the development a surface water discharge or abstraction in the surface water catchment or immediately downstream of a nature conservation site with water dependant qualifying habitats/species?	No
4. Is the development a groundwater discharge or abstraction in the ground water catchment or within 5km of a nature conservation site with water-dependant qualifying habitats/species?	Yes (See Note 1 below) The development discharges to groundwater. Cromwells Bush Fen pNHA lies 3.4km north of the site.
5. Is the development in the surface water or groundwater catchment of salmonid waters?	No- the site is located in the Delvin River Catchment which is not a salmonid water course.
6. Is the treatment plant in an active or former floodplain or flood zone of a river, lake, etc?	No.
7. Is the development a surface discharge or abstraction to or from marine waters and within 3km of a marine nature conservation site?	No.
8. Will the project in combination with other projects (existing and proposed) or changes to such projects affect the hydrology or water levels of sites of nature conservation interest or the habitats of protected species?	No.

**Note 1 – Further Screening of likely impact on Cromwells Bush Fen pNHA**  
**(Refer to Drg. No. 4654/0L/08/06 attached)**

The WWTW at Clonlavy serves a very small agglomeration of 17p.e. or a maximum future agglomeration of just 23p.e., discharging a maximum of only 4.14m<sup>3</sup>/d based on 180 l/h/d.

Clonlavy is separated topographically from the Cromwells Bush Fen by higher ground or a ridge that will direct any groundwater or discharge from the WWTW away from the Fen south towards the Delvin River.

Given the very small discharge from the WWTW, the distance to the Fen and that the discharge from the WWTW will flow southwards to the Delvin River away from the Fen, it is considered that there will be no significant impact on Cromwells Bush Fen pNHA and hence there is no further assessment of impacts required.

**Clonalvy Sewerage Scheme**