

Mr Declan Groarke,  
Water Services, Western Division,  
Cork County Council,  
The Courthouse,  
Skibbereen,  
Co. Cork.

Regional Inspectorate, Inniscarra  
County Cork, Ireland

Cigireacht Réigiúnach, Inis Cara  
Contae Chorcaí, Éire

T: +353 21 487 5540

F: +353 21 487 5545

E: info@epa.ie

W: www.epa.ie

LoCall: 1890 33 55 99

08 April 2009

D0160-01

re. Notice in accordance with Regulation 18(3)(b) of the Waste Water Discharge (Authorisation) Regulations 2007

Dear Mr Groarke,

I am to refer to the above referenced application for a waste water discharge licence relating to the **Dunmanway** agglomeration. Having examined the documentation submitted, I am to advise that the Agency is of the view that the documentation does not comply with Regulation 16 of the Waste Water Discharge (Authorisation) Regulations 2007.

You are therefore requested, in accordance with Regulation 18(3)(b) of the regulations, to take the steps to supply the information detailed below:

## **ARTICLE 16 COMPLIANCE REQUIREMENTS**

### **Section A: Non-technical summary**

- i. State the hours during which the waste water works is supervised, or manned, and the days per week of this supervision.

### **Section B: Location of Discharge Points**

- i. Clarify whether the discharge to the percolation area at Dunmanway Package Plant (GW01Dway) is a primary discharge point or whether it is a secondary discharge point.
- ii. Clarify whether the discharges from the Long Bridge Pumping Station and the Quarry Road Pumping Station are secondary discharge points, or whether they are emergency overflows.

### **Section B: Population Equivalent of Agglomeration**

Where planning permission has been granted for development(s), but development has not been commenced or completed to date, within the boundary of the



agglomeration and this development is being, or is to be, served by the waste water works provide the following;

- i. information on the calculated population equivalent (p.e.) to be contributed to the waste water works as a result of these planning permissions granted,
- ii. the percentage of the projected p.e. to be contributed by domestic, commercial and trade activities, and
- iii. elaborate on the sources of commercial and trade effluent, and
- iv. the ability of the waste water works to accommodate this extra hydraulic and organic loading without posing an environmental risk to the receiving water habitat.

### **Section B: Capital Investment Programme**

Provide details of timelines for the development of the proposed Dunmanway Sewerage Scheme under the Water Services Investment Programme 2007–2009, with details of timelines for the upgrade of the Quarry Road and Long Bridge Pumping Stations, and overall completion of the project.

### **Section C: Infrastructure & Operation**

#### **C.1 Operational Information Requirements**

Provide additional information on the existing treatment plant.

- i. A simple flow diagram of each unit operation, along with brief description detailing its purpose.

#### **C. 2 Outfall Design and Construction**

- i. For each discharge point provide a technical description of the design criteria and construction detail of the discharge outfall.

#### **C1.3 Storm Water Overflows**

- i. Provide information that demonstrates that the existing and proposed storm water overflows will comply with the DoEHLG '*Procedures and Criteria in Relation to Storm Water Overflows, 1995*'. Where the storm water overflow does not comply with these guidelines, give details of the plans for improvement.

### **Section D: Discharges to the Aquatic Environment**

- i. Reassess the data in the application in relation to the content and extent of the wastewater discharge and in particular the table related to the emissions to surface/ground waters, for example provide the information required in the application form (Attachment D) regarding the volume of the flow from all secondary discharge points and storm water overflows, and the characteristics of the emissions. Submit additional or revised tables where applicable.
- ii. Details of all discharges of waste water from the agglomeration should be submitted via the following web based link:  
[http://78.137.160.73/epa\\_wwd\\_licensing/](http://78.137.160.73/epa_wwd_licensing/)

## **Section E: Monitoring**

### **E.1 Waste Water Discharge Frequency and Quantities**

- i. Indicate if 24 hour flow proportional composite sampling or continuous flow monitoring is in place on the primary or other discharge points. Detail any plans and timescales for the provision of composite sampling and continuous flow metres.

### **E.2. Monitoring and Sampling Points**

Provide additional information in relation to monitoring, sampling and analysis. The response should include:

- i. Sampling methods for monitoring points.
- ii. Analytical and quality control procedures, including equipment calibration, equipment maintenance and data recording/reporting procedures to be carried out in order to ensure accurate and reliable monitoring.
- iii. Details of any accreditation or certification of analysis should be included.
- iv. Provide a proposed monitoring of discharges programme, addressing the variability of the emission, and its effect on the receiving environment.

## **Section F: Existing Environment & Impact of the Discharge(s)**

### **F.1 Assessment of Impact on Receiving Surface or Ground Water**

- i. Complete Table F.1 (ii) (a) & (b) for discharges from secondary discharge points, and assess the impacts of the emissions on the surface water or ground, including any impact on environmental media other than those into which the emissions are to be made.
- ii. Details of all monitoring of the receiving water should be supplied via the following web based link:  
[http://78.137.160.73/epa\\_wwd\\_licensing/](http://78.137.160.73/epa_wwd_licensing/)
- iii. Provide details of any correspondence with the National Parks and Wildlife Service (NPWS) in relation to the likelihood of significant effects on a Natura 2000 site.
- iv. Assess the likelihood of significant effects of the waste water discharges from the Dunmanway agglomeration on the relevant European site(s) by referring to Circular L8/08 '*Water Services Investment and Rural Water Programmes – Protection of Natural Heritage and National Monuments*' issued by the Department of Environment Heritage and Local Government. In particular, the flow diagram in Appendix 1 should be consulted. If significant effects are likely, then an appropriate assessment must be carried out and a report of this assessment forwarded to the Agency. The relevant guidance documents for appropriate assessment are '*Assessment of plans and projects significantly affecting Natura 2000 sites*', and '*Managing Natura 2000 sites*', both documents are available on the European Commission's website. Please also consult the draft consultation paper on the '*European Communities Environmental Objectives (Freshwater Pearl Mussel) Regulations 2008*', available on the NPWS website.

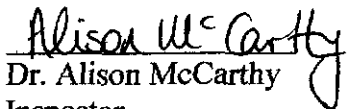
Your reply to this notice should include a revised non-technical summary which reflects the information you supply in compliance with this notice, insofar as that information impinges on the non-technical summary.

In the case where any drawings already submitted are subject to revision consequent on this request, a revised drawing should be prepared in each case. It is not sufficient to annotate the original drawing with a textual correction. Where such revised drawings are submitted, provide a list of drawing titles, drawing numbers and revision status, which correlates the revised drawings with the superseded versions.

Please supply the information in the form of one original plus one copy by **3<sup>rd</sup> June 2009**. In addition, please submit one copy of the requested information in electronic searchable PDF format on a CD-ROM to the Agency. Please note that all maps/drawings should not exceed A3 in size.

Please note that the application's register number is **D0160-01**. Please direct all correspondence in relation to this matter to *Administration, Environmental Licensing Programme, Office of Climate, Licensing & Resource Use, Environmental Protection Agency, PO Box 3000, Johnstown Castle Estate, County Wexford*, quoting the register number.

Yours sincerely,

  
Dr. Alison McCarthy  
Inspector  
Office of Climate, Licensing & Resource Use