



Feidhmeannacht na Seirbhíse Sláinte  
Health Service Executive

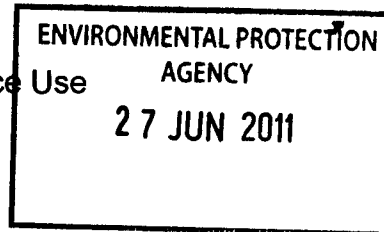
Environmental Health Service  
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17 June 2011

Ref: BMcK/CMcE

Ms Josephine Kennedy  
Office of Climate, Licensing & Resource Use  
Environmental Protection Agency  
Headquarters, P.O. Box 3000  
Johnstown Castle Estate  
County Wexford




Re/ Proposed Revision of Licence granted to Abbott Ireland, Dromore West,  
Cootehill, County Cavan. Reg. No. P0687-02

Dear Ms Kennedy,

I refer to your letter of the 5<sup>th</sup>. inst concerning the above matter.

I attach herewith a report from Ms. Irene McCabe, Environmental Health Officer for your information.

Yours sincerely,

  
\_\_\_\_\_  
Brian McKeever  
Principal EHO

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**Memo**

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**From: Irene McCabe**  
**Environmental Health Officer**

**To: Brian McKeever**  
**Principal Environmental Health Officer**

**Re/ Abbott Ireland, Dromore West, Cootehill, Co.Cavan**  
**Reg. No: P0687-02 Integrated Pollution Prevention and Control License Review**

The Environmental Health Service has the following comments in relation to this review:

The Dromore River and lake system is classified as an area of secondary amenity value. It serves as a leisure base for fishing, swimming & other leisure pursuits in Cavan and Monaghan by both local residents and tourists.

In the Cavan County Council, "The Quality of River & Lake Water in County Cavan" – A Report for the Year 2009, their assessment of the Dromore River states, "This River is in poor condition".

It is proposed in the Environmental Impact Statement that the planned increase in capacity at the Abbott facility (Project ICE) will have the following effects:

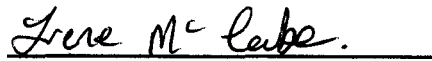
- Water abstraction from Dromore River will increase by a maximum of 900 m<sup>3</sup>/day to approximately 2,700 m<sup>3</sup>/day
- MRP (Molybdate Reactive Phosphate) would increase to 0.2mg/l in the FTE (Final Treated Effluent) discharged to the river
- The current limit value of 0.005 mg/l for residual chlorine in the Final Treated Effluent (FTE) to be increased to 0.03 mg/l.
- It is proposed that the limit values for the mass volumetric flow and the mass emissions of the FTE are increased by 60% of the current Licence limits. FTE discharge to the Dromore River will increase from a maximum of 2000 m<sup>3</sup>/day to a maximum of 3200 m<sup>3</sup>/day, which is approximately 60% increase in treated effluent discharge.

It must be ensured that the cumulative effect of such changes in the FTE or water abstraction do not cause a negative impact on the river water quality or amenity value. It is recommended that additional monitoring and verification be carried out to verify this in the initial stages if these proposed changes are carried out.

Overall, it must be ensured that there will be no significant environmental health impacts or deterioration in the water, noise and air quality surrounding this facility.

If construction of the proposed additional facilities on this site proceeds, the impacts of the construction phase should be assessed and any mitigation required implemented, to ensure there are no negative impacts on the surrounding groundwater, surface water, noise and air quality.

Yours sincerely,



Irene McCabe  
Environmental Health Officer

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