

Submission No. 1

**Grainne Oglesby**

**From:** Grainne Oglesby  
**Sent:** 28 April 2008 11:55  
**To:** Sonja Smith  
**Cc:** Catherine O'Keeffe  
**Subject:** FW: PO 830--01-----IPPC licence application,Whitegate Independent Power Plant.  
**Importance:** High

Tracking:	Recipient	Delivery	Read
	Sonja Smith	Delivered: 28/04/2008 11:55	
	Catherine O'Keeffe	Delivered: 28/04/2008 11:55	Read: 28/04/2008 13:47

**From:** Donal Higgins [mailto:dhiggins@hayeshiggins.ie]  
**Sent:** 25 April 2008 16:19  
**To:** Grainne Oglesby  
**Subject:** PO 830--01-----IPPC licence application,Whitegate Independent Power Plant.  
**Importance:** High

Dear Grainne,

we wish to forward the following observations and submissions with respect to the above licence application by Bord Gais Eireann. We act on behalf of a number of local residents. We have reviewed the information as available from your files.

Our comments / submissions are as follows

- 1/--the application site is shown differently on a number of the submitted drawings eg Drg No. C 1662 Map 2a and Drg No C 1662 Map 1e.
- 2/--the application site to be leased to Bord Gais is listed as extending to 10 ha. Other lands retained by Conoco Phillips are also shown. These lands are not under the control of the applicant. Do these lands form part of the application ?
- 3/--there is a public access road extending from Whitegate village across the Conoco Phillips lands. This is not shown on the lodged drawings. This road is utilised to access the Calor gas plant , Carlile Pier and Fort , some private houses , other farmland.
- 4/--the appointed Contractor / Engineer on the construction site ( Gamma Power Systems ) has recently withdrawn a Discharge Licence application from Cork County Council . The licence detailed a need to discharge 40 cu m per day based on a population equivalent of 700. Has this requirement now to be included in the IPPC application ? Is this need to be met outside this licence process ?
- 5/--the treatment parameters for the discharged sewage are quoted as BOD 20 mg / l , SS 30 mg/l. These are extremely high given that the technology to achieve say a 10 / 10 effluent is commonplace , readily available and at a modest cost increment.
- 6/--it is proposed to discharge treated effluent via an existing pipe or to construct a new outfall in the same locality. Reliance is placed on a dispersion model which considered outfall at the "Dognose". The Dognose is located at the centre of the shipping channel with water depths of say 80 to 100 feet of water and tidal flows in a range 2 to 3 knots. The proposed outfalls are close to shore in a depth of approx only 6 feet at low tide. We do not regard the comparison with the Dognose as being a like for like situation. We would ask that appropriate consideration be given to consideration of this dispersion problem. The need to extend the outfall may be a possibility.
- 7/--we could find no consideration of the effects of the outfall on the amenity value of Corkbeg beach. This beach is used on an ongoing seasonal basis by the village . Organised children's swin / life saving classes are held annually during summer months. The combined effects on Corkbeg beach of the existing discharge plus the new polluting load has not been demonstrated.

We would ask that you would take the above into consideration in your determination of this application.

With Kind Regards,

09/05/2008

**Donal Higgins BE , C Eng , FIEI.**

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