

## Have your say on informing the application for planning approval for the Greater Dublin Drainage project

The report 'Alternative Sites Assessment and Route Selection Report (Phase 4): Final Preferred Site and Routes' has been published and is available at [www.greaterdublindrainage.com](http://www.greaterdublindrainage.com). This report identifies that the preferred solution for the future development of wastewater treatment capacity in the wider Dublin region comprises a 26km pipeline, a wastewater treatment plant at Clonshagh and an outfall pipe located 6km out to sea from Baldoyle.

This preferred "site option" will be subject to a full Environmental Impact Statement and Natura Impact Statement over the coming months.

The Project Team would now like to invite the public to input into issues to be considered in the Environmental Impact Statement (EIS) that will be prepared for the project relating to potential effects on the environment that may occur as a result of the project. Human beings, landscape, visual impact, traffic management and access, effects on air and water quality are examples of relevant topics that people may have specific information or views on that should be considered.

It is important that you inform the project team during an 8-week public consultation from 10th June until 2nd August 2013. Any such relevant feedback will inform the documentation prepared for the planning application.

As part of the public consultation, Open Days are being held in Fingal County Council, Swords on 26th and 29th June and on 3rd July – see details on page 4.

The purpose of this information brochure is to

- ▶ **Update** you on the project development
- ▶ Provide you with **background information** on the project
- ▶ **Invite** you to participate in the next round of public consultation on issues for consideration in the Environmental Impact Statement that will be prepared for the preferred site option

The term "site option" refers to the proposed regional Wastewater Treatment Plant (WwTP), pipelines and marine outfall location into the Irish Sea.

## How was the Preferred Site Option chosen?

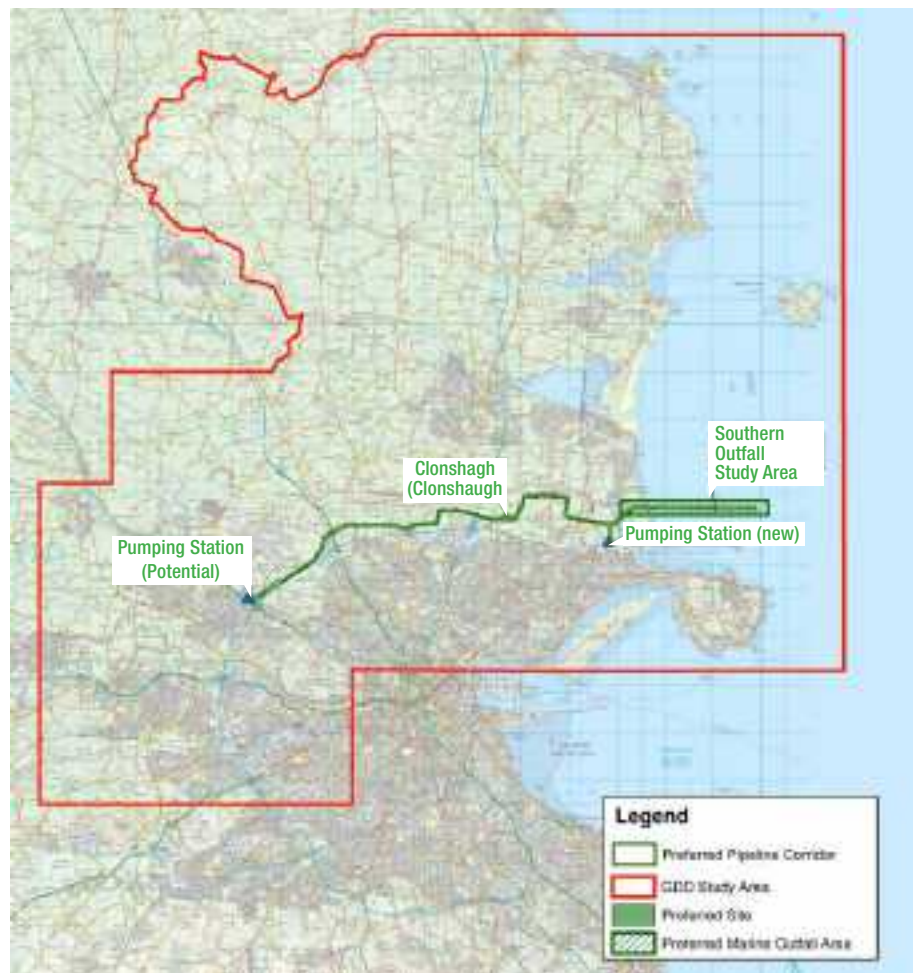
Over 13 different experts across a variety of disciplines studied the three shortlisted site options, Annsbrook, Clonshagh and Newtowncorduff, and reached the conclusion that Clonshagh is the most environmentally beneficial and technically advantageous solution and it is also the best value for money.

There are a number of reasons why the Clonshagh site option is better from an environmental, technical and cost perspective:

- **The Clonshagh site has less ecological value compared to the other two site options;**
- **The WwTP can be designed such that there is no impact on archaeology;**
- **This option can be designed, constructed and operated to ensure that it will not adversely affect the integrity of any Natura 2000 sites;**
- **Tunnelling of the southern outfall poses less technical difficulty compared to the northern outfall option;**
- **The southern outfall allows for better dilution and mixing of the discharge; and**
- **The total length of pipeline required is significantly shorter than that required for the other options. Therefore there will be less ecological impact, fewer watercourse crossings, lower number of existing and proposed infrastructural crossings, less potential to disrupt the landscape structure and lower energy requirements.**

In addition to the many technical and environmental benefits, the estimated overall cost during the lifetime of the project for this preferred site option is over €80 million less than other options studied.

Map of preferred site option (Clonshagh)



Until planning approval is obtained for this preferred site option, Annsbrook and Newtowncorduff will continue to be possible site options for the project should Clonshagh be deemed unsuitable at any future stage.



## What is the Preferred Site Option?

The preferred site option comprises a treatment plant located at Clonshagh with a southern marine outfall location. This site is located primarily in the townland of Clonshagh, Fingal. It lies approximately 2.5km east of Dublin Airport with the residential areas of Belcamp and Darndale being located some 0.8km to the south. The proposed site has a total area of approximately 23ha.

The site is located in open agricultural land, primarily in tillage, vegetables and grassland. The Cuckoo Stream (a tributary of the Mayne River) and the Mayne River run north and south of the site respectively. The northern site boundary is approximately 50m from the Cuckoo Stream and the southern site boundary is approximately 400m from the Mayne River. The site can be accessed from the Clonshaugh Road located west of the site. However, an alternative access to the site from the R139, located south of the site will be considered during the EIS.

Wastewater will be collected from surrounding load centres and transported to the WwTP at Clonshagh by orbital sewers totalling some c.18km in length. Treated wastewater from a WwTP located on this site will be transported through a pipeline for discharge c.6km out to sea from Baldoyle and approximately 1km north-east of Ireland's Eye.

At the coastline, the outfall pipeline crosses under estuary habitats of the Baldoyle Bay SAC/ SPA. The pipeline then crosses under Portmarnock Spit (Portmarnock Golf Club) before re-entering and crossing under the Baldoyle Bay SAC. The pipeline terminates within the Rockabill to Dalkey Island cSAC.

## What is being consulted on?

Fingal County Council would like to hear your views on the following:

- Under the key elements listed below are there any issues that should be taken into consideration in preparing the Environmental Impact Statement (EIS) on the preferred site option?
- How should these issues be addressed in the EIS?
- How would you like to be communicated with as the project progresses towards planning approval?
- Is there any other information you believe is relevant to the development of the preferred site option?

The key elements to be considered in the EIS are:

- **Human Beings and Material Assets**
- **Flora and Fauna**
- **Soils**
- **Water**
- **Air, Odour, Climate**
- **Landscape and Visual Impact**
- **Noise and Vibration**
- **Traffic management and Access routes**
- **Archaeological, Architectural and Cultural heritage**
- **Construction Methodologies**
- **Planning Policy**



## Public Consultation - How can I get involved?

Public consultation will take place from 10th June until 2nd August 2013. All relevant feedback received will be reviewed and considered by the Project Team and will be reported on within a consultation report, the consultation chapter of the Environmental Impact Statement (EIS) and associated appendices.

### Open Days

You are welcome to attend any of our three Open Days to be held in Swords. The Project Team will be available to answer your questions and listen to your views on what should be considered in the preparation of the Environmental Impact Statement.

In order to ensure stakeholder feedback is considered in advance of the project moving forward, **all feedback for this consultation should be received by 5:00pm on Friday 2nd August 2013.**



**Wednesday 26th June from 2:00pm to 8:00pm** in Fingal County Hall, Main Street, Swords



**Saturday 29th June from 11:00am to 4:00pm** in Fingal County Hall, Main Street, Swords



**Wednesday 3rd July from 2:00pm to 8:00pm** in Fingal County Hall, Main Street, Swords

In order to ensure stakeholder feedback is considered in advance of the project moving forward, **all feedback for this consultation should be received by 5:00pm on Friday 2nd August 2013.**

**For further information or to make a submission, please:**

**Email:**

[info@greaterdublindrainage.ie](mailto:info@greaterdublindrainage.ie)

**Lo-call telephone: 1890 44 55 67**

**Write:**

Greater Dublin Drainage Project Manager,  
c/o RPS Group, West Pier Business Campus,  
Dún Laoghaire, Co. Dublin, Ireland

**Visit:**

[www.greaterdublindrainage.com](http://www.greaterdublindrainage.com)



## What happens next?

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The Project Team will undertake and prepare an Environmental Impact Statement (EIS) and Natura Impact Statement (NIS) for the preferred site option, which will be submitted as part of the planning approval documentation to An Bord Pleanála. The Board is the competent authority that will assess and determine the outcome of the planning application.

Detailed engineering and environmental studies will be carried out for the EIS which will lead to the preparation and compilation of the EIS and NIS for the Project. Input from the public and stakeholders in relation to items such as traffic management, access points, landscaping, effects on air and water quality will also be considered and inform these studies.

Fingal County Council intends to submit an application for planning approval to An Bord Pleanála in early 2014. As part of the planning process, the Board will carry out statutory consultation which will provide the public with the opportunity to have their say. The Project Team will also continue on-going engagement with the public during the planning process. Following receipt of planning approval, the preparation of a Design, Build, Operate contract will begin with a view to start construction in 2017 at the earliest.

This, the fourth round of public consultation will take place from **10th June until 2nd August 2013**. This round of public consultation will provide you with the opportunity to submit your views on items to be considered in the Environmental Impact Statement. Items raised during this consultation phase that are relevant to the Natura Impact Statement will also be considered.

An **Environmental Impact Statement (EIS)** is a report that contains detailed analysis of the impacts of a project on the existing environment and includes sufficient information to allow a decision to be made on whether consent should be given to the project.

A **Natura Impact Statement (NIS)** is a report that contains an examination of the possible impacts of a project on Natura 2000 sites that allow a decision to be made on whether consent should be given to the project. Natura 2000 sites comprise Special Areas of Conservation and Special Protection Areas classified under the Birds Directive and the Habitats Directive.



## Why is the project needed?

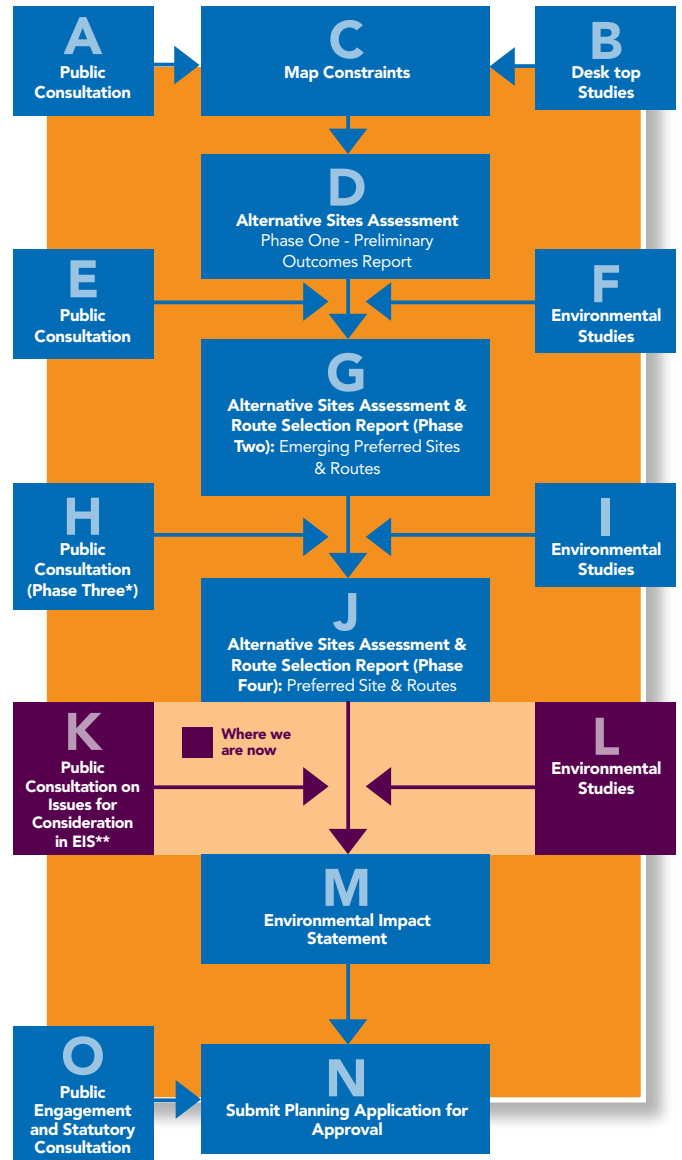
The Greater Dublin Drainage project is vital in order to facilitate employment, social progress and economic growth in the wider Dublin Region, hand-in-hand with the improvement and protection of the environment.

One of the key elements of infrastructure needed to facilitate jobs and other developments like schools, hospitals and housing, is to increase the wider Dublin region's wastewater treatment capacity. From extensive examination over many years we know that we will not have enough drainage and wastewater treatment facilities by 2020 if we do not do something now so the Greater Dublin Drainage project is needed. We cannot ignore our urgent need for more wastewater treatment capacity. Doing nothing is not an option.



The project is also necessary to meet the Water Framework Directive (WFD) requirements and the related EU Directives and National Regulations related to water quality.

## Project Road Map



**NOTES:**

**D** - This identified constraints, potential land parcels, pipeline locations.

**J** - Announces the final site, pipeline routes and outfall location.

\*Phase 3 refers to Public Consultation (H)

\*\*Items raised during this consultation phase that are relevant to the Natura Impact Statement will also be considered.