

Sean Lyons
Academic Emeritus
30 Coolmine Woods
Blanchardstown
Dublin 15

Date: 07 October 2022

Re: Greater Dublin Drainage Project consisting of a new wastewater treatment plant, sludge hub centre, orbital sewer, outfall pipeline and regional biosolids storage facility
Townlands of Clonshagh, Dubber and Newtown, County Fingal and Dublin City

Dear Sir,

An Bord Pleanála has received your recent submission in relation to the above mentioned proposed development and will take it into consideration in its determination of the matter. A receipt for the fee lodged is enclosed.

The Board will revert to you in due course with regard to the matter.

Please be advised that copies of all submissions / observations received in relation to the application will be made available for public inspection at the offices of Fingal County Council and at the offices of An Bord Pleanála when they have been processed by the Board.

More detailed information in relation to strategic infrastructure development can be viewed on the Board's website: www.pleanala.ie.

If you have any queries in the meantime please contact the undersigned officer of the Board. Please quote the above mentioned An Bord Pleanála reference number in any correspondence or telephone contact with the Board.

Yours faithfully,



p.p. Eimear Reilly
Executive Officer
Direct Line: 01-8737184

PA04

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AN BORD PLEANÁLA	
LDG-	057871-22
ABP-	312131-21 (PA)
29 SEP 2022	
Fee: €	Type:
Time:	By: hand

An
Bord
Pleanála

Re: Greater Dublin Drainage Project consisting of a new wastewater treatment plant, sludge hub centre, orbital sewer, outfall pipeline and regional biosolids storage facility
Townlands of Clonsilla, Dubber and Newtown, County Fingal and Dublin City

Case Number: ABP-312131-21

Dear Sir/ Madam,

The purpose of the above scheme is to drain the sewage from the 4 X 8,000 cubic meter tanks located 200 meters upwind (West) from the Childrens Hospital, General Hospital (Connolly), and St Francis Hospice In Blanchardstown. Please see the attached map for reference. The exhaust gases from the tanks are a mixture of ammonia, methane, hydrogen sulphide, sulphur dioxide, carbon dioxide and nitrogen dioxide. They will be blown by the prevailing wind across all three medical units close to the ground because they are heavier than air. Methane & hydrogen sulphide gases are flammable & highly explosive. Hydrogen sulphide has a pungent rotten egg type smell which is not conducive to the surrounding population or sick patients, and can also cause death.

As the EIS, SEA and NIS studies were carried out many years ago they are now out of date and would need to be carried out again. Populations of Blanchardstown & Clonsilla have grown, and they should be given the opportunity to comment on the scheme. The location of the storage facility of the pungent smelling solid waste west of Finglas is a disaster as are the aeration tanks at Clonsilla.

Even though the four containing tanks adjacent to Connolly hospital are built but not operational, the entire scheme should be abandoned.

Pumping millions of litres of sewage sludge to Clonsilla and then out to sea is not to be recommended at this time of electricity shortage and high unit charges.

ANEROBIC digestion can provide clean water, agricultural fertilizer and heat and power for the hospital and Town CENTER. Fingal County Council has enough land east/south of the M50 and down wind from the hospital, where an energy producing facility could be located.

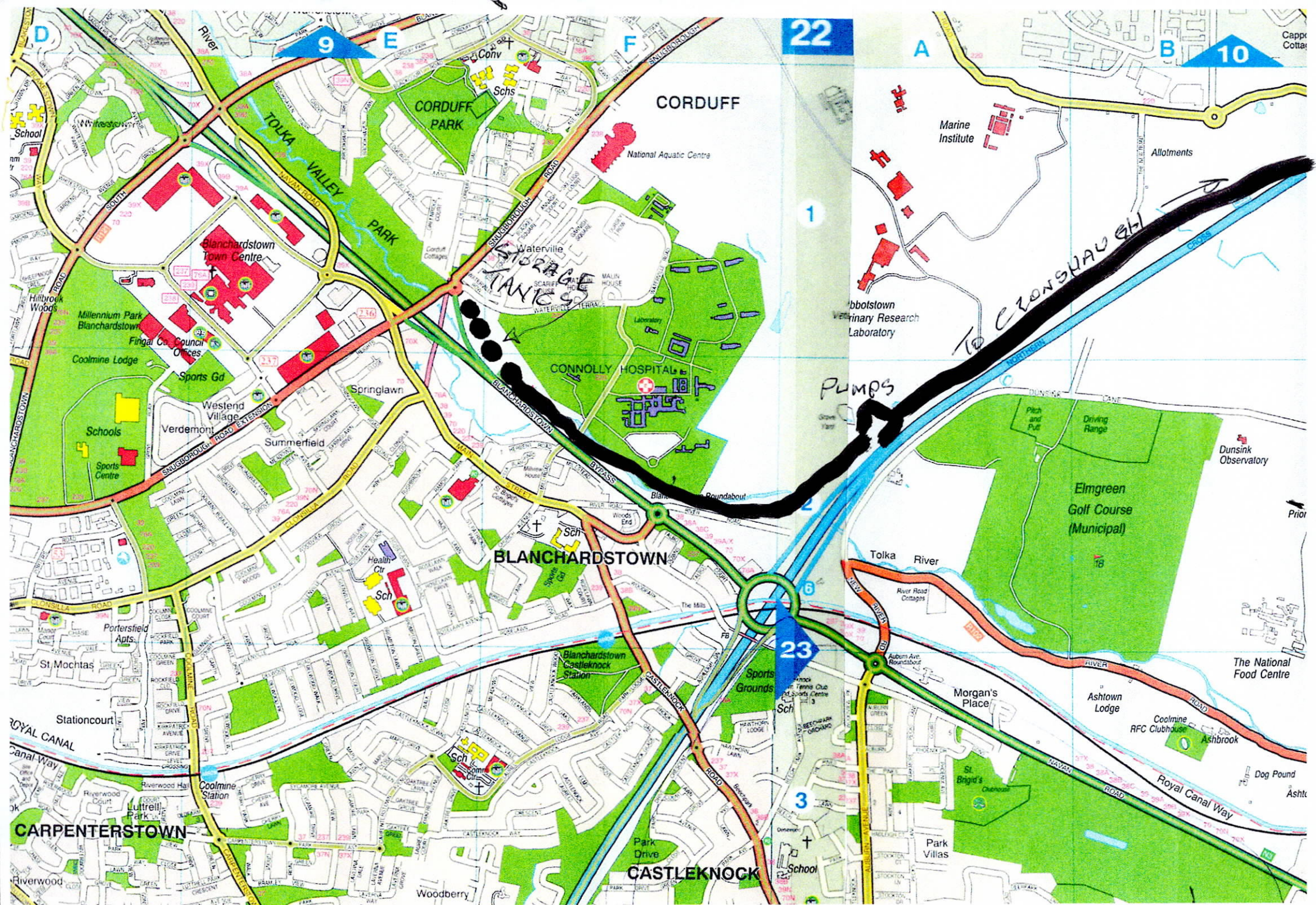
Most definitely, the present scheme should be abandoned in the interest of People, Patients, and the Environment.

Is Mise Le Meas,

Sean Lyons



Date; 28th September 2022





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.