

The Greater Dublin Drainage Project



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GDD planning application update

The Greater Dublin Drainage (GDD) Project involves the development of a new regional wastewater treatment facility at Clonsbaugh and associated drainage infrastructure to serve the growing population of the north Dublin area.

Irish Water welcomes the next stage in this project with confirmation from An Bord Pleanála that an oral hearing will begin on Wednesday 20 March 2019 as part of its assessment of the planning application. The location for the oral hearing will be the Gresham Hotel, O'Connell Street Dublin and is scheduled to last 10 days.

Irish Water, GDD Project Manager, Jane Chambers said "Greater Dublin Drainage is a vital once-in-a-generation project to ensure that the wastewater generated every day in our homes, schools and workplaces will continue to be treated safely in compliance with the EU and national wastewater treatment regulations.

Having adequate wastewater treatment infrastructure is essential to facilitate housing provision and commercial development and to support the sustainable growth of the region. The proposed project is the most environmentally, technically and economically beneficial solution to meeting Dublin's long-term wastewater treatment needs.

Irish Water looks forward to participating at the forthcoming oral hearing being held by An Bord Pleanála."

Greater Dublin Drainage
supporting sustainable growth

Why a new regional wastewater treatment plant for the Greater Dublin Area is needed...

Planning for Population Growth:
+450,000 extra people living in GDA by 2040¹

Supporting Job Creation:
+360,000 extra jobs in GDA by 2040²

Having adequate wastewater treatment infrastructure is vital to support the sustainable growth of our communities.

Having adequate wastewater treatment infrastructure is vital to support businesses locating in the Greater Dublin Area.

GDD will alleviate pressure within the existing wastewater network in greater Dublin, increasing the development potential of the entire region.

Enabling Housing & Development:
+143,000 additional homes needed in Dublin by 2040³

Safeguarding Our Environment:
Volume of wastewater projected to increase by +50% over next 30 years

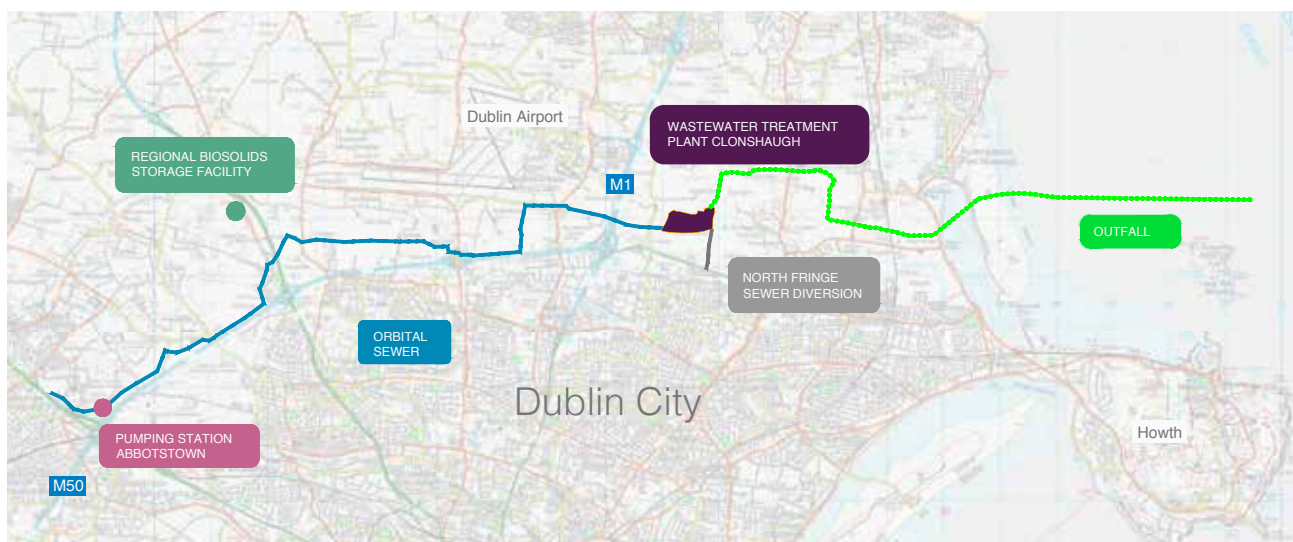
Having adequate wastewater treatment infrastructure is vital to support housing development in key areas including north Dublin and south Fingal.⁴

Having adequate wastewater treatment infrastructure is vital to collect and treat our wastewater before it can be safely returned to the environment.

The new GDD facility will treat the wastewater generated every day in our homes, schools and workplaces - protecting public health and safeguarding our environment.

Part of **ervia** group

1. ESRI Prospects for Irish Regions and Counties Jan 2018 (Page 48)
2. ESRI Prospects for Irish Regions and Counties Jan 2018 (Page 51)
3. Project Ireland 2040 - National Planning Framework (Draft Part) (Page 89)
4. Project Ireland 2040 - National Planning Framework (Page 28)



Greater Dublin Drainage Project Solution Map

About the GDD project

The planning application proposes a new regional wastewater treatment facility to be built in the townland of Clonshaugh, an underground orbital sewer from Blanchardstown to Clonshaugh, a new pumping station at Abbotsown, a partial diversion of the north fringe sewer, and an outfall pipeline to discharge the treated water to the Irish Sea.

The project also includes a regional sludge treatment centre at the new GDD treatment facility and an associated biosolids storage facility at Newtown near Kilshane Cross.

The new treatment facility will treat wastewater arising in south Fingal, from parts of north Dublin City, and from parts of south-east Meath and north-east Kildare.

The new GDD facility represents the next major step in the development of the wastewater treatment network for greater Dublin.

Greater Dublin Drainage is a once-in-a-generation project to ensure that the wastewater generated every day in our homes, schools and workplaces will continue to be treated safely in compliance with the EU and national wastewater treatment regulations.

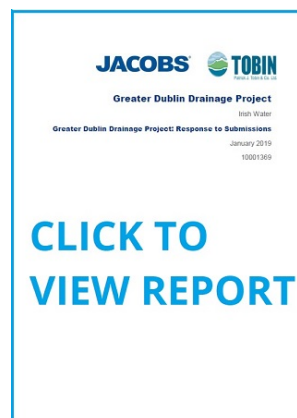
It is intended that the new regional wastewater treatment facility and associated infrastructure serving greater Dublin will become operational from 2026 and will provide wastewater treatment capacity for the equivalent of half a million people into the future.

Response to submissions report published

Irish Water made an application for strategic infrastructure development for the GDD project to An Bord Pleanála on 20 June, 2018. An Bord Pleanála then held a period of statutory public consultation.

Irish Water has responded to the submissions and observations received by An Bord Pleanála during this statutory consultation in a detailed report. This report has been published today and is available to view and download at www.gddapplication.ie.

The purpose of the oral hearing will be to allow further discussion and examination of relevant issues by the parties to the application.



The An Bord Pleanála reference no. for the GDD planning application is: PL06F.301908

A guide to the planning application documentation

The planning application, made under the Planning and Development (Strategic Infrastructure) Act 2006, includes statutory, planning and environmental documentation. All documentation is available to view at www.gddapplication.ie

The planning application also includes a Public and Stakeholder Participation Report which documents how public consultation has informed the development of the GDD project. A Community Benefits Scheme is also proposed.

The planning application is structured as follows:

Type	Section	Documents
Statutory Documentation	Application Form & Particulars	Strategic Infrastructure Development (SID) Application Cover Letter
		SID Application Form Newspaper Notice Site Notice Notification Letters sent to Prescribed Bodies
Planning Documentation	Planning Reports	SID Planning Report
	Technical Reports / References	Greater Dublin Drainage Strategy: Overview & Future Strategic Needs Drawing Schedule and Drawings Engineering Design Report Outline Construction Environmental Management Plan (CEMP) Public and Stakeholder Participation Report Community Benefits Scheme
Environmental Documentation	NIS	Appropriate Assessment Screening & Natura Impact Statement A Natura Impact Statement (NIS) has been prepared as required under the Habitats Directive. The NIS informs the Appropriate Assessment (AA) process to be carried out by An Bord Pleanála. The NIS identifies any potential significant impacts of the proposed project on any protected sites.
	EIAR Volume 1	Non-Technical Summary The Environmental Impact Assessment Report (EIAR) is a report on the effects, which the proposed project, if carried out, would have on the environment. An EIAR is required under the EIA Directive. A summary of the EIAR is provided in non-technical language.
	EIAR Volume 2A	Introduction <ol style="list-style-type: none"> 1. Introduction 2. The Environmental Impact Assessment Process 3. The Need for the Proposed Project 4. Description of the Proposed Project 5. Consideration of Alternatives
	EIAR Volume 2B	Appendices Appendices relevant to Volume 2 Part A of the EIAR
	EIAR Volume 3A	Main Report for the Proposed Project This volume contains the main body of the Environmental Impact Assessment Report (EIAR). It considers the potential impacts of the GDD project on the environment. <ol style="list-style-type: none"> 6. Population and Human Health: Population 7. Population and Human Health: Human Health 8. Marine Water Quality 9. Biodiversity (Marine) 10. Biodiversity (Marine Ornithology) 11. Biodiversity (Terrestrial and Freshwater Aquatic) 12. Landscape and Visual 13. Traffic and Transport 14. Air Quality, Odour and Climate 15. Noise and Vibration 16. Archaeological, Architectural and Cultural Heritage 17. Hydrology and Hydrogeology 18. Soils and Geology 19. Agronomy 20. Waste 21. Material Assets 22. Risk of Major Accidents and/or Disasters 23. Cumulative Impacts and Environmental Interactions 24. Summary of Mitigation Measures 25. Summary of Residual Impacts
	EIAR Volume 3B	Appendices Appendices relevant to Volume 3 Part A of the EIAR
	EIAR Volume 4A	Main Report for the Regional Biosolids Storage Facility This volume contains the main body of the Environmental Impact Assessment Report (EIAR). It considers the potential impacts of the Regional Biosolids Storage Facility on the environment. <ol style="list-style-type: none"> 1. Existing Environment 2. Planning and Policy Context 3. Population and Human Health 4. Water 5. Biodiversity - Marine 6. Biodiversity - Terrestrial 7. Land and Soils 8. Air and Climate 9. Noise and Vibration 10. Odour 11. Cultural Heritage 12. Material Assets 13. Traffic 14. Landscape 15. Risk Management 16. Environmental Interactions 17. Summary of Mitigation 18. Summary of Residual Impacts 19. Summary of Cumulative Impacts
	EIAR Volume 4B	Appendices Appendices relevant to Volume 4 Part A of the EIAR
	EIAR Volume 5A	Figures Figures relevant to Volumes 2 and 3 of the EIAR
	EIAR Volume 5B	Figures Figures relevant to Volume 4 of the EIAR

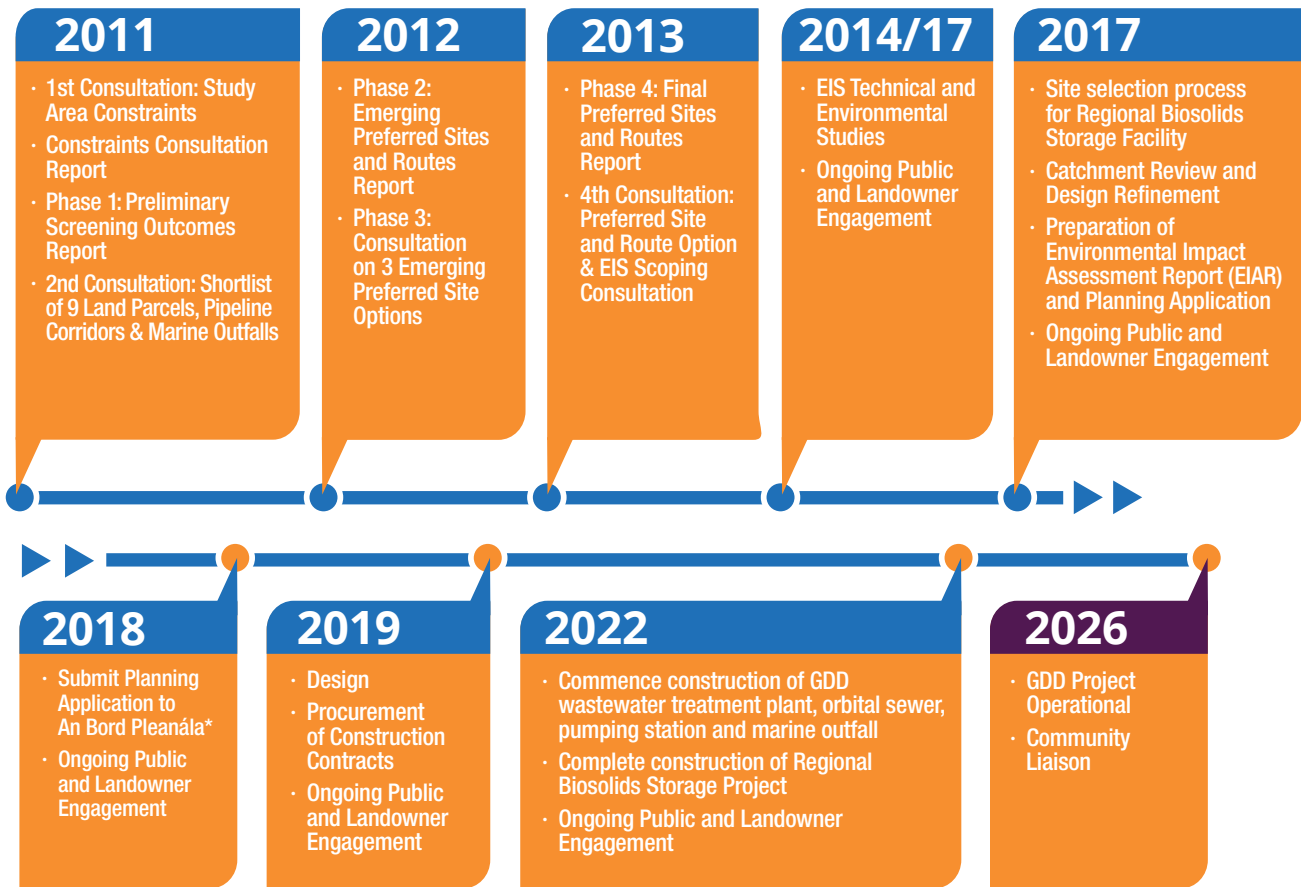
Irish Water has also made a Compulsory Purchase Order (CPO) in respect of the land, permanent wayleaves, temporary working areas and rights of way required to facilitate the Greater Dublin Drainage project.

Further information is available at www.gddapplication.ie

Project delivery timeline

Subject to planning consent, construction will begin with the Regional Biosolids Storage Facility in 2020 followed by construction of the GDD wastewater treatment plant, orbital sewer, pumping station and marine outfall which

will begin in 2022 at the earliest. It is intended that the new regional wastewater treatment facility and associated infrastructure serving the population of greater Dublin will become operational from 2026.



* The indicative project timeline is subject to planning permission.



Ag obair i gcompháirtíocht Working in partnership



Get in touch

We welcome questions on the GDD project and are available to provide further information:

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(Mon-Fri 9am-1pm & 2pm-5pm)

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Más mian leat cóip den leabhrán seo a fháil as Gaeilge, déan teagmháil linn ar an uimhir thuasluaite.