

# Greater Dublin **Drainage Project**

**Environmental Impact Assessment Report**

**Volume 2 Part A  
Introduction**

## Preface

The structure of the Environmental Impact Assessment Report (EIAR) for the proposed Greater Dublin Drainage Project (the Proposed Project) is outlined in the preface at the start of each Volume of the EIAR for clarity. The Proposed Project comprises; a proposed orbital sewer route from Blanchardstown to the proposed Wastewater Treatment Plant (WwTP) at Clonshagh, the proposed outfall pipeline route (land based section) from the proposed WwTP to the R106 Coast Road, the proposed outfall pipeline route (marine section) from the R106 Coast Road to approximately 1km north-east of Ireland's Eye in the Irish Sea, and a site proposed for the Regional Biosolids Storage Facility (RBSF) at Newtown, Dublin 11.

Volume 1 and Volume 2 provide general information on the overall Proposed Project. Volume 3 addresses all proposed elements of the Proposed Project, with the exception of the RBSF element which is addressed in Volume 4. Volume 5 provides drawings and large format images for the Proposed Project. The volumes and sub-section titles are summarised as follows:

### **Volume 1: Non-Technical Summary**

Volume 1 provides a non-technical summary of the information contained in Volumes 2, 3 and 4.

### **Volume 2: Introduction**

#### **Part A: Report**

Volume 2 Part A provides a general introduction, outlines the EIA process, describes the scope of the Proposed Project and presents the consideration of alternatives.

#### **Part B: Appendices**

Volume 2 Part B supplies data that is supplemental to the information in Volume 2 Part A.

### **Volume 3: Proposed GDD Project**

#### **Part A: Report**

Volume 3 Part A describes the environmental impacts specific to the Proposed Project.

#### **Part B: Appendices**

Volume 3 Part B supplies data that is supplemental to the information in Volume 3 Part A.

### **Volume 4: Regional Biosolids Storage Facility**

#### **Part A: Report**

Volume 4 Part A describes the environmental impacts specific to the RBSF component of the Proposed Project.

#### **Part B: Appendices**

Volume 4 Part B supplies data that is supplemental to the information in Volume 4 Part A and is specific to the RBSF.

### **Volume 5: Drawings**

#### **Part A: Proposed GDD Project**

Volume 5 Part A illustrates the information detailed in Volume 2 and Volume 3 and is specific to the Proposed Project.

## **Part B: Regional Biosolids Storage Facility**

Volume 5 Part B illustrates the information detailed in Volume 4 and is specific to the RBSF.

## **Volume 6: Proposed Project Photomontages**

Volume 6 contains the photomontages for the Proposed Project.

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## Glossary of Terms

Glossary of Terms	
AA	Appropriate Assessment
AAP	Areas of Archaeological Potential
ABP	An Bord Pleanála
ADCO	Archaeological Dive Company
ADWF	Average Dry Weather Flow
AGS	Aerobic Granular Sludge
AmmN	Ammoniacal Nitrogen
ASP	Activated Sludge Plant
BIM	Bord Iascaigh Mhara
BOD	Biochemical Oxygen Demand
CDP	County Development Plan
CEMP	Construction Environmental Management Plan
CFRAMS	Catchment Flood Risk Assessment and Management Study
CHP	Combined Heat and Power
COD	Chemical Oxygen Demand
cSAC	Candidate Special Area of Conservation
CSO	Central Statistics Office
CSOs	Combined Sewer Overflows
CTMP	Construction Traffic Management Plan
DB	Design Build
DBO	Design, Build, Operate
DCC	Dublin City Council
DLRCC	Dún Laoghaire-Rathdown County Council
DoAFM	Department of Agriculture, Food and the Marine
DoAHG	Department of Arts, Heritage and the Gaeltacht



Glossary of Terms	
DoAHGI	Department of Arts, Heritage, Gaeltacht and Islands
DoCCA	Department of Communications, Climate Action and Environment
DoCHG	Department of Culture, Heritage and the Gaeltacht
DoECLG	Department of the Environment, Communications and Local Government
DoEHLG	Department of Environment, Heritage and Local Government
DoHPLG	Department of Housing, Planning and Local Government
DRA	Dublin Regional Authority
DWF	Dry Weather Flow
EC	European Communities
ED	Electoral Division
EEC	European Economic Community
EIA	Environmental Impact Assessment
EIAR	Environmental Impact Assessment Report
EIS	Environmental Impact Statement
EnPi	Energy Performance Indicator
EPA	Environmental Protection Agency
ESB	Electricity Supply Board
EU	European Union
FCC	Fingal County Council
FFT	Flow to Full Treatment
FRA	Flood Risk Assessment
FRM	<i>Flood Risk Management</i>
G	Domestic per Capita Design Flow
GCS	Grand Canal Sewer
GDA	Greater Dublin Area
GDD	Greater Dublin Drainage

Glossary of Terms	
GDSDS	Greater Dublin Strategic Drainage Study
GI	Ground Investigation
GIS	Geographic Information System
GNI	Gas Networks Ireland
GSI	Geological Survey of Ireland
ha	hectare
HGV	Heavy Goods Vehicle
KCC	Kildare County Council
kg	kilograms
L	Locally Important
LA	Local Authority
LAP	Local Area Plan
LLLD	Long Length Large Diameter
M&V	Measurement and Verification
mOD	Metres above Ordnance Datum
MS	Method Statement
N	Ammonia
NDDS	North Dublin Drainage Scheme
NFS	North Fringe Sewer
NIAH	National Inventory of Architectural Heritage
NIS	Natura Impact Statement
NPF	National Planning Framework
NPWS	National Parks and Wildlife Service
NRA	National Roads Authority
NSC	National Sports Campus
NSS	National Soil Survey

Glossary of Terms	
NTA	National Transport Authority
NWSMP	National Wastewater Sludge Management Plan
OCU	Odour Control Unit
OPW	Office of Public Works
OS	Ordnance Survey
OSI	Ordnance Survey of Ireland
PE	population equivalent
RBD	River Basin District
RBMP	River Basin Management Plan
RBSF	Regional Biosolids Storage Facility
RSA	Road Safety Authority
S.I.	Statutory Instrument
SAC	Special Areas of Conservation
SBR	Sequencing Batch Reactor
SCADA	Supervisory Control and Data Acquisition
SDCC	South Dublin County Council
SDZ	Strategic Development Zone
SEA	Strategic Environmental Assessment
SEAI	Sustainable Energy Authority of Ireland
SHC	Sludge Hub Centre
SID	Strategic Infrastructure Development
SPA	Special Protection Areas
SUDS	Sustainable Drainage Systems
TBM	Tunnel Boring Machine
TDS	Tonnes of Dry Solids
TII	Transport Infrastructure Ireland

Glossary of Terms	
TKN	Total Kjeldahl Nitrogen
TP	Total Phosphorus
TSHD	Trailer Suction Hopper Dredger
TSS	Total Suspended Solids
UWWT	Urban Wastewater Treatment
WFD	Water Framework Directive
WSP	Water Supply Project
WSSP	Water Services Strategic Plan
WWDA	Wastewater Discharge Authorisation
WWDL	Wastewater Discharge License
WwTP	Wastewater Treatment Plant
WwTW	Wastewater Treatment Works

