

Limerick WWTP Upgrade and Regional Bioresource Centre

Volume 2 - Preface, Table of Contents, Glossary

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PREFACE

The structure of this Environmental Impact Assessment Report (EIAR) for the Limerick WWTP (hereafter referred to as the Proposed Development) is summarised as follows:

Volume 1: Non-Technical Summary

Volume 1 provides a non-technical summary of the information contained in Volume 2 of the EIAR.

Volume 2: Main Environmental Impact Assessment Report

Volume 2 provides a general introduction, outlines the environmental impact assessment process, describes the scope of the Proposed Development, presents the consideration of reasonable alternatives and describes the environmental impacts specific to the Proposed Development.

Volume 3: Figures

Volume 3 provides drawings and large format images (labelled as 'Figures') that illustrate the information detailed in Volume 2 of the EIAR.

Volume 4: Appendices

Volume 4 provides documentation and data that is supplemental to the information provided in Volume 2 of the EIAR.

Table of Contents-Volume 2

SECTION	TITLE	PAGE NUMBER
Glossary		
N/A	Glossary of Terminology, Abbreviations and Acronyms	
Chapter 1: Introduction		
1.1	Purpose of this Report	1
1.2	The Applicant	1
1.3	Project Need	2
1.4	Overview of the Proposed Development	4
1.5	Site Description	5
1.6	Overview of the Planning Process	8
1.7	Approach to EIA	10
1.8	Consultation	34
1.9	Reference List	39
Chapter 2: Alternatives		
2.1	Introduction	1
2.2	Environmental Impact Assessment Requirements	1
2.3	Do Nothing Scenario	1
2.4	Alternative Locations	4
2.5	Alternative Technical Solutions	9
2.6	Conclusion	14
2.7	Difficulties Encountered in Compiling Information	14
2.8	References	15
Chapter 3: The Proposed Development		
3.1	Introduction	1
3.2	Site Description	1
3.3	EPA Discharge Licence	2
3.4	Proposed Works Description	2
3.5	Emerging Procurement Strategy	8
3.6	Design Standards	8
3.7	Demand Analysis – Capacity Upgrade and Storm Storage	9
3.8	Demand Analysis – Regional Bioresource Centre	12
3.9	Design of the Proposed Development	13
3.10	Operation of the Proposed Development	29
3.11	Difficulties Encountered in Compiling Information	30
3.12	References	30
Chapter 4: Construction Strategy		
4.1	Introduction	1
4.2	Approach	2

SECTION	TITLE	PAGE NUMBER
4.3	Indicative Duration and Phasing	3
4.4	Construction Compound and Working Areas	5
4.5	Enabling Works	6
4.6	Indicative Construction Methods	8
4.7	Traffic Management	15
4.8	Site Management	16
4.9	Environmental Management	18
4.10	References	21
Chapter 5: Planning and Policy		
5.1	Introduction	1
5.2	Policy Context	2
5.3	Difficulty Encountered in Compiling Information	18
5.4	References	19
Chapter 6: Traffic & Transport		
6.1	Introduction	1
6.2	Assessment Methodology	1
6.3	Receiving Environment	3
6.4	Characteristics of the Proposed Development	9
6.5	Do-Nothing Scenario	9
6.6	Potential Impacts During Construction Phase	9
6.7	Potential Impacts During Operational Phase	25
6.8	Mitigation Measures and Monitoring	27
6.9	Residual Effects	28
6.10	Monitoring	29
6.11	Difficulties Encountered in Compiling Information	29
6.12	References	29
Chapter 7: Odour		
7.1	Purpose of the Report	1
7.2	Outline of the Project Description	1
7.3	Methodology	1
7.4	Baseline Environment	7
7.5	Evolution of the Environment in the Absence of the Proposed Development	10
7.6	Potential Impacts	11
7.7	Mitigation Measures	21
7.8	Residual Impacts	22
7.9	Cumulative Impacts and Interactions	22
7.10	Difficulties Encountered in Compiling Information	23
7.11	References	23

SECTION	TITLE	PAGE NUMBER
Chapter 8: Air Quality		
8.1	Introduction	1
8.2	Methodology	1
8.3	Baseline Environment	7
8.4	Characteristics of the Proposed Development	12
8.5	Potential Impacts	12
8.6	Mitigation Measures	14
8.7	Residual Impacts	17
8.8	Cumulative Impacts and Interactions	18
8.9	Difficulties Encountered in Compiling Information	19
8.10	References	19
Chapter 9: Climate		
9.1	Introduction	1
9.2	Methodology	1
9.3	Baseline Environment	11
9.4	Potential Impacts	16
9.5	Mitigation Measures	22
9.6	Residual Effects	23
9.7	Cumulative Effects	23
9.8	Difficulties Encountered in Compiling Information	23
9.9	Monitoring	25
9.10	References	26
Chapter 10: Noise and Vibration		
10.1	Introduction	1
10.2	Methodology	3
10.3	Consultation	11
10.4	Baseline Environment	11
10.5	Potential impacts	15
10.6	Mitigation Measures	29
10.7	Residual Impacts	30
10.8	Cumulative and in Combination Impact Assessment	31
10.9	Difficulties Encountered in Compiling Information	32
10.10	References	33
Chapter 11: Archaeology, Architectural and Cultural Heritage		
11.1	Introduction	1
11.2	Methodology	2
11.3	Baseline Environment	8
11.4	Potential Effects	19

SECTION	TITLE	PAGE NUMBER
11.5	'Do-Nothing' Effect	20
11.6	Mitigation Measures	20
11.7	Residual Effects	21
11.8	Cumulative Effects and Interactions	22
11.9	Difficulties Encountered in Compiling Information	22
11.10	References	23
Chapter 12: Biodiversity (Marine)		
12.1	Introduction	1
12.2	Methodology	2
12.3	Baseline Environment	7
12.4	Potential Impacts	11
12.5	Mitigation Measures	16
12.6	Residual Impacts	19
12.7	Cumulative Impacts and Interactions	20
12.8	Difficulties Encountered in Compiling Information	23
12.9	References	23
Chapter 13: Biodiversity (Terrestrial)		
13.1	Introduction	1
13.2	Methodology	1
13.3	Baseline Environment	12
13.4	Potential Impacts	54
13.5	Mitigation Measures	65
13.6	Residual Impacts	72
13.7	Cumulative Impacts and Interactions	72
13.8	Difficulties Encountered in Compiling Information	82
13.9	References	83
Chapter 14: Land and Soils		
14.1	Introduction	1
14.2	Methodology	2
14.3	Consultation	8
14.4	Baseline Environment	8
14.5	Potential Impacts	13
14.6	Mitigation Measures	15
14.7	Residual Impacts	17
14.8	Cumulative Impacts and Interactions	18
14.9	Difficulties Encountered in Compiling Information	18
14.10	References	18
Chapter 15: Landscape and Visual		

SECTION	TITLE	PAGE NUMBER
15.1	Introduction	1
15.2	Methodology	1
15.3	Baseline Environment	7
15.4	Landscape Character	13
15.5	Visual Amenity	13
15.6	Potential Impacts	18
15.7	Cumulative Impacts and Interactions	37
15.8	Mitigation Measures	37
15.9	Residual Impacts	38
15.10	Difficulties Encountered in Compiling Information	38
15.11	References	38
Chapter 16: Water Environment		
16.1	Introduction	1
16.2	Methodology	1
16.3	Study Area/Existing Environment	11
16.4	The Existing WWTP	24
16.5	The Proposed Development	28
16.6	Potential Impacts	29
16.7	Mitigation and Monitoring Measures	39
16.8	Residual Impacts	43
16.9	Cumulative Impacts and Interactions	43
16.10	Difficulties Encountered in Compiling Information	46
16.11	References	46
Chapter 17: Resource and Waste Management		
17.1	Introduction	1
17.2	Methodology	1
17.3	Baseline Environment	10
17.4	Waste Disposal Routes	11
17.5	Characteristics of the Proposed Development	26
17.6	Potential Impacts	27
17.7	Mitigation Measures	32
17.8	Residual Impacts	34
17.9	Cumulative Impacts and Interactions	34
17.10	Difficulty Encountered in Compiling Information	35
17.11	References	35
Chapter 18: Material Assets		
18.1	Introduction	1
18.2	Methodology	2

SECTION	TITLE	PAGE NUMBER
18.3	Consultation	6
18.4	Baseline Environment	8
18.5	Potential Impacts	9
18.6	Mitigation Measures	13
18.7	Residual Impacts	14
18.8	Cumulative Impacts and Interactions	14
18.9	Difficulties Encountered in Compiling Information	14
18.10	References	15
Chapter 19: Population and Human Health		
19.1	Introduction	1
19.2	Methodology	1
19.3	Baseline Environment	6
19.4	Potential Impacts	18
19.5	Mitigation Measures	25
19.6	Residual Impacts	26
19.7	Cumulative Impacts and Interactions	27
19.8	Difficulties Encountered in Compiling Information	27
19.9	References	27
Chapter 20: Major Accidents and Natural Disasters		
20.1	Introduction	1
20.2	Methodology	4
20.3	Baseline Environment	9
20.4	Potential Impacts	12
20.5	Mitigation Measures	25
20.6	Residual Impacts	29
20.7	Cumulative Impacts and Interactions	29
20.8	Difficulties Encountered in Compiling Information	30
20.9	References	30
Chapter 21: Cumulative Effects and Interactions		
21.1	Introduction	1
21.2	Legislation, Policy and Guidelines	2
21.3	Assessment Methodology	2
21.4	Assessment of Cumulative Impacts	3
21.5	Environmental Interactions	17
21.9	Difficulties encountered in Compiling Information	22
21.10	References	22
Chapter 22: Summary of Mitigation and Monitoring Measures		
22.1	Introduction	1

SECTION	TITLE	PAGE NUMBER
22.2	Mitigation and Monitoring Schedules	1
22.3	General Mitigation Requirements	2
22.4	Traffic and Transport	2
22.5	Odour	4
22.6	Air Quality	5
22.7	Climate	8
22.8	Noise and Vibration	9
22.9	Archaeology, Architectural and Cultural Heritage	11
22.10	Biodiversity Marine	12
22.11	Biodiversity Terrestrial	16
22.12	Land and Soils	29
22.13	Landscape and Visual Amenity	31
22.14	Water Environment	32
22.15	Resource and Waste Management	38
22.16	Material Assets	40
22.17	Human Health and Population	40
22.18	Major Accidents and Disasters	42
22.29	Residual Effects Summary	44
22.20	References	44

Glossary and Defined Terms

Acronym	Description
AA	Appropriate Assessment
AADT	Annual Average Daily Traffic-the total volume of vehicle traffic of a motorway or road for a year divided by 365 days
AASR	Appropriate Assessment Screening Report
ACP	An Coimisiún Pleanála
AD	Anaerobic Digestion
AGS	Aerobic Granular Sludge
AER	Annual Environmental Report
ARCADY	Assessment of Roundabout Capacity and Delay software
ATC	Automatic Traffic Count
Baseline	Refers to existing conditions as represented by latest available survey and other data
BOD	Biochemical Oxygen Demand
BC	Bioresource Centre
C	Carbon
CAFÉ	Clean Air for Europe Directive
CHP	Combined Heat and Power
DIN	Dissolved Inorganic Nitrogen
DMURS	Design Manual for Urban Roads and Streets
DN	Do Nothing
ECJ	European Court of Justice
EIAR	Environmental Impact Assessment Report
ELV	Emission Limit Value
EPA	Environmental Protection Agency
ESB	Electrical Supply Board
EU	European Union
FOG	Fats Oils and Grease
FST	Final Settling Tank
GHG	Greenhouse Gas
HGV	Heavy Goods Vehicle
MLPS	Main Lift Pumping Station
MCA	Multi-Criteria Analysis
MRP	Molybdate Reactive Phosphate
IDA	Industrial Development Agency
IFAS	Integrated Fixed-Film Activated Sludge
N	Nitrogen
NDP	National Development Plan
NHA	National Heritage Area
NIS	Natura Impact Statement
NPF	National Planning Framework
NSO	National Strategic Outcomes
NSS	National Spatial Strategy
NWSMP	National Wastewater Sludge Management Plan
P	Phosphorous

Acronym	Description
PCU	Passenger car units – A passenger car equivalent is essentially the impact that a mode of transport has on traffic variables (such as headway, speed, density) compared to a single car. For example, 1 private car is equal to 1 pcu and 1 HGV is equal to 2.3 pcu.
PE	Population Equivalent - The amount of wastewater received at a treatment plant (and its design capacity) is measured in units known as population equivalent (or PE). The wastewater received from all sources, e.g. industrial, tourism, commercial, residential, etc., is converted into these units, with one unit of PE representing the wastewater treatment load typically generated by a single person.
PFF	Pass Forward Flow
PFT	Picket Fence Thickener
PICADY	Priority Intersection Capacity and Delay software
pNHA	Proposed National Heritage Area
RFC	Ratio of Flow to Capacity
SEA	Strategic Environmental Assessment
SBR	Sequencing Batch Reactor
SIA	Stable Isotope Analysis
SID	Strategic Infrastructure Development
Sludge	Solid by-products of wastewater
SPA	Special Protection Area
SS	Suspended Solids
UWWTD	Urban Wastewater Treatment Directive
WFD	Water Framework Directive
WWDA	Wastewater Discharge Authorisation
WWTP	Wastewater Treatment Plant
WSPS	Water Services Policy Statement
ZTV	Zone of Theoretical Visibility
PS	Pumping Station
QI	Qualifying Interest
RAS	Return Activated Sludge
RBC	Regional Bioresource Centre
RSES	Regional Spatial and Economic Strategy
SAC	Special Area of Conservation
TDS	Total Dry Solids
THP	Thermal Hydrolysis Process
TRL	Transport Research Laboratory

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