

# Annual Environmental Report

2019



Rush

D0119-01

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# 1 EXECUTIVE SUMMARY AND INTRODUCTION TO THE 2019 AER

This Annual Environmental Report has been prepared for D0119-01, Rush in Country Dublin (Fingal) in accordance with the requirements of the wastewater discharge licence for the agglomeration.

This agglomeration is served by a wastewater treatment plant at Portrane Donabate, D0114, in Co. Dublin with a Plant Capacity PE of 65,000.

**Please refer to the AER for D0114.**

## 1.1 ANNUAL STATEMENT OF MEASURES

The Specified Improvement Programme required by the licence, addressed by means of the Rush Wastewater Collection Project was completed in 2019. Rush Wastewater Collection Project involves the connection of Rush agglomeration in its entirety to the new Portrane WWTP under the "*Portrane/ Donabate/ Rush/ Lusk Sewerage Scheme*". The scheme involved the construction of 3 new pumping stations, and 6 km of new sewers.

**Please refer to the AER for D0114.**

## 1.2 TREATMENT SUMMARY

The collected load from the Rush agglomeration has been diverted and is currently being treated in the new 65,000 Portrane WWTP. Irish Water has applied for a Review of the Portrane Donabate WWDL No D0114-01. This Review proposes an expanded agglomeration to encompass the area served by the new Portrane Donabate Rush Lusk Sewage Scheme, which includes the area covered by the existing Rush Agglomeration Licence D0119-01.

**Please refer to the AER for D0114.**

## 1.3 ELV OVERVIEW

**Please refer to the AER for D0114.**

## 1.4 LICENCE SPECIFIC REPORTING INCLUDED IN AER

Assessment / Report	Included in AER
Please refer to the AER for D0114.	

## **2 TREATMENT PLANT PERFORMANCE AND IMPACT SUMMARY**

The collected load from the Rush agglomeration has been diverted and is currently being treated in the new 65,000 Portrane WWTP. Irish Water has applied for a Review of the Portrane Donabate WWDL No D0114-01. This Review proposes an expanded agglomeration to encompass the area served by the new Portrane Donabate Rush Lusk Sewage Scheme, which includes the area covered by the existing Rush Agglomeration Licence D0119-01.

**Please refer to the AER for D0114.**

### **2.3.1 AMBIENT MONITORING REPORT SUMMARY**

**Please refer to the AER for D0114.**

### **2.3.2 AMBIENT MONITORING PARAMETER SUMMARY**

Significance of Results:

**Please refer to the AER for D0114.**

## 3 COMPLAINTS AND INCIDENTS

### 3.1 COMPLAINTS SUMMARY

A summary of complaints of an environmental nature is included below.

Number of Complaints	Nature of Complaint	Number Open Complaints	Number Closed Complaints
Please refer to the AER for D0114.			

### 3.2 REPORTED INCIDENTS SUMMARY

Environmental incidents that arise in an agglomeration are reported on an on-going basis in accordance with our waste water discharge licences. Where an incident occurs and it is reportable under the licence, it is reported to the Environmental Protection Agency through their Environmental Data Exchange Network, or in some instances by telephone. Some incidents which arise in the agglomeration are recorded by Irish Water but may not be reportable under our licence for example where the incident does not have an impact on environmental performance.

A summary of reported incidents is included below.

#### 3.2.1 SUMMARY OF INCIDENTS

Incident Type	Cause	No. of incident occurrences	Recurring (Y/N)	Closed (Y/N)
Please refer to the AER for D0114.				

#### 3.2.2 SUMMARY OF OVERALL INCIDENTS

Please refer to the AER for D0114.

## 4 INFRASTRUCTURAL ASSESSMENTS AND PROGRAMME OF IMPROVEMENTS

### 4.1 STORM WATER OVERFLOW IDENTIFICATION AND INSPECTION REPORT

A summary of the operation of the storm water overflows and their significance where known is included below.

#### 4.1.1 SWO IDENTIFICATION

WWDL Name / Code for Storm Water Overflow	Irish Grid Ref.	Included in Schedule A4 of the WWDL	Significance of the overflow(High / Medium / Low)	Assessed against DoEHLG Criteria	No. of times activated in 2019 (No. of events)	Total volume discharged in 2019 (m3)	Monitoring Status
<b>TBC</b>	327707, 254117	No	High	Not yet Assessed	Unknown	Unknown	Not Monitored
<b>SW002</b>	326936, 253560	Yes	Low	Meeting	Unknown	Unknown	Not Monitored
<b>SW003</b>	324764, 252835	Yes	Low	Meeting	Unknown	Unknown	Not Monitored

SWO Summary	
How much sewage was discharged via SWOs in the agglomeration in the year (m3)?	Unknown
Is each SWO identified as not meeting DoEHLG Guidance included in the Programme of Improvements?	N/A
The SWO Assessment included the requirements of relevant of WWDL schedules?	N/A

## SWO Summary

Have the EPA been advised of any additional SWOs / changes to Schedule C3 and A4 under Condition 1.7?

N/A

## 4.2 REPORT ON PROGRESS MADE AND PROPOSALS BEING DEVELOPED TO MEET THE IMPROVEMENT PROGRAMME REQUIREMENTS

### 4.2.1 SPECIFIED IMPROVEMENT PROGRAMME SUMMARY

The collected load from the Rush agglomeration has been diverted and is currently being treated in the new 65,000 Portrane WWTP. Irish Water has applied for a Review of the Portrane Donabate WWDL No D0114-01. This Review proposes an expanded agglomeration to encompass the area served by the new Portrane Donabate Rush Lusk Sewage Scheme, which includes the area covered by the existing Rush Agglomeration Licence D0119-01.

Specified Improvement Programmes (under Schedule A and C of WWDL)	Description	Licence Schedule	Licence Completion Date	Date Expired? (N/NA/Y)	Status of Works	Timeframe for Completing the Work	Comments
<b>D0119-SIP:01</b>	Infrastructural works necessary to cease primary discharge (SW 1)	C	31/12/2014	Yes	Works Completed		
<b>D0119-SIP:02</b>	Installation of new pump station at Whitestown	C	31/12/2012	Yes	Works Completed		
<b>D0119-SIP:04</b>	Upgrade of sewer network, upgrade of 'South Shore' and 'Rogerstown' pump stations, including the provision of 24 hour storm water storage, and connection to new Portrane WWTP	C	31/12/2014	Yes	Works Completed		



Specified Improvement Programmes (under Schedule A and C of WWDL)	Description	Licence Schedule	Licence Completion Date	Date Expired? (N/NA/Y)	Status of Works	Timeframe for Completing the Work	Comments
<b>D0119-SIP:05</b>	Upgrading of SWO to comply with the criteria outlined in the DoEHLG "Procedures and criteria in relation to storm water overflows, 1995". SW2	C	31/12/2014	Yes	Works Completed		
<b>D0119-SIP:06</b>	Upgrading of SWO to comply with the criteria outlined in the DoEHLG "Procedures and criteria in relation to storm water overflows, 1995". SW3	C	31/12/2014	Yes	Works Completed		
<b>D0119-SIP:03</b>	SW1 (primary discharge) to cease	A	31/12/2014	Yes	Works Completed		

A summary of the status of any improvements identified by under Condition 5.2 is included below.

#### 4.2.2 IMPROVEMENT PROGRAMME SUMMARY

Improvement Identifier	Improvement Description / or any Operational Improvements	Improvement Source	Expected Completion Date	Comments
<b>Please refer to the AER for D0114.</b>				

#### 4.2.3 SEWER INTEGRITY RISK ASSESSMENT

The utilisation of multiple capital maintenance programmes and the outputs of the workshops with the Local Authority Operations Staff held under the programme can be used to satisfy the requirements of Condition 5 regarding network integrity. Improvement works identified by way of these programmes and workshops will be included in the Improvements Summary Table.

## 5 LICENCE SPECIFIC REPORTS

A wastewater discharge licence may require a number of reports on specific subject areas to be prepared for the agglomeration in question. These reports are submitted to the EPA as part of the Annual Environmental Report. This section provides list of the various reports required for this agglomeration and a brief summary of their recommendations.

Licence Specific Report	Required by licence	Year included in AER	Included in this AER	Reference to relevant section of AER
<b>Please refer to the AER for D0114.</b>				

## 6 CERTIFICATION AND SIGN OFF

### 6.1 SUMMARY OF AER CONTENTS

Parameter	Answer
Does the AER include an Executive Summary?	Please refer to the AER for D0114.
Does the AER include an assessment of the performance of the Waste Water Works (i.e. have the results of assessments been interpreted against WWDL requirements and or Environmental Quality Standards)?	
Is there a need to advise the EPA for consideration of a Technical Amendment / Review of the licence?	
List reason e.g. additional SWO identified	
Is there a need to request/advise the EPA of any modification to the existing WWDL with respect to condition 4 changes to monitoring location, frequency etc	
List reason e.g. changes to monitoring requirements	
Have these processes commenced?	
Are all outstanding reports and assessments from previous AERs included as an appendix to this AER	

I certify that the information given in this Annual Environmental Report is truthful, accurate and complete:

Date: 05/03//2020

This AER has been produced by Irish Water's Environmental Information System (EIMS) and has been electronically signed off in that system for and on behalf of,

Katherine Walshe, Acting Head of Environmental Regulation.

## 7 APPENDIX

There are no appendices included. **Please refer to the AER for D0114.**