

Annual Environmental Report

2024



Stamullen

D0262-01

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1 EXECUTIVE SUMMARY AND INTRODUCTION TO THE 2024 AER

This Annual Environmental Report has been prepared for D0262-01, Stamullen, in Meath in accordance with the requirements of the wastewater discharge licence for the agglomeration. Specified reports where relevant are included as an appendix to the AER.

This agglomeration is now served by a wastewater treatment plant at Balbriggan, D0023-01, in Co. Dublin.

Please refer to the AER for D0023-01.

1.1 ANNUAL STATEMENT OF MEASURES

The Stamullen agglomeration has been amalgamated into the Balbriggan agglomeration.

The WwTP was changed over to a Pumping Station on the 19th February 2024. Flows are pumped to Balbriggan WwTP for treatment.

1.2 TREATMENT SUMMARY

Please refer to the AER for D0023-01.

1.3 ELV OVERVIEW

The overall compliance of the final effluent with the Emission Limit Values (ELVs) is shown below. More detailed information on the below ELV's can be found in Section 2.

Discharge Point Reference	Treatment Plant	Discharge Type	Compliance Status	Parameters failing if relevant
Please refer to the AER for D0023-01				

1.4 LICENCE SPECIFIC REPORTING

Assessment / Report
Please refer to the AER for D0023-01.

2 TREATMENT PLANT PERFORMANCE AND IMPACT SUMMARY

2.1 STAMULLEN WWTP - TREATED DISCHARGE

2.1.1 INFLUENT MONITORING SUMMARY - STAMULLEN WWTP

A summary of influent monitoring for the treatment plant is presented below. This monitoring is primarily undertaken in order to determine the overall efficiency of the plant in removing pollutants from the raw wastewater.

Parameters	Number of Samples	Annual Max	Annual Mean
Please refer to the AER for D0023-01.			

If other inputs in the form of sludge / leachate are added to the WWTP then these are included in Section 2.1.5 if applicable.

Significance of Results:

The annual mean hydraulic loading is less than the peak Treatment Plant Capacity. The annual maximum hydraulic loading is greater than the peak Treatment Plant Capacity. Further details on the plant capacity and efficiency can be found under the sectional 'Operational Performance Summary'.

2.1.2 EFFLUENT MONITORING SUMMARY - TPEFF2300D0262SW001

Please refer to the AER for D0023-01.

2.1.3 AMBIENT MONITORING SUMMARY FOR THE TREATMENT PLANT DISCHARGE

Please refer to the AER for D0023-01.

2.1.4 COMPLAINTS AND INCIDENTS

2.2 COMPLAINTS SUMMARY

A summary of complaints of an environmental nature related to the discharge(s) to water from the WWTP and network is included below.

Number of Complaints	Nature of Complaint	Number Open Complaints	Number Closed Complaints
Please refer to the AER for D0023-01.			

2.3 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 Uisce Éireann 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.

2.3.1 SUMMARY OF INCIDENTS

Incident Type	Cause	Recurring (Y/N)	Closed (Y/N)
Uncontrolled release	Emergency overflow caused by pump failure	No	Yes
Breach of ELV	WWTP upgrade required to meet ELV	Yes	Yes

2.3.2 SUMMARY OF OVERALL INCIDENTS

Question	Answer
Number of Incidents in 2024	2
Number of Incidents reported to the EPA via EDEN in 2024	2
Explanation of any discrepancies between the two numbers above	N/A

The above Incidents relate to January and February in 2024. This was prior to when the Stamullen WWTP was converted to a Pumping Station and amalgamated with the Balbriggan agglomeration on the 19th February 2024.

Please refer to the AER for D0023-01.

3 INFRASTRUCTURAL ASSESSMENTS AND PROGRAMME OF IMPROVEMENTS

3.1 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:

3.1.1 SWO IDENTIFICATION

WWDL Name / Code for Storm Water Overflow (chamber) where applicable	Irish Grid Ref. (outfall)	Included in Schedule of the WWDL	Significance of the overflow(High / Medium / Low)	Assessed against DoEHLG Criteria	No. of times activated in 2024 (No. of events)	Total volume discharged in 2024 (m ³)	Monitoring Status
SW2	315140, 265872	Yes	Low Significance	Meeting Criteria	Unknown	Unknown	Not Monitored
SW3	315137, 265864	Yes	Low Significance	Meeting Criteria	Unknown	Unknown	2011*
Stamullen PS	-, -	No	Low Significance	Meeting Criteria	Unknown	Unknown	271 **

The contents presented in this table include the most up to date information available at the time of writing. Any TBC SWO(s) were identified as part of the on-going National SWO programme and will be updated in subsequent AER(s) once the information is confirmed.

* This relates to the volume discharged from the Stamullen WWTP SW3 Overflow from 1st Jan to the 19th February 2024, prior to the WWTP being changed over to a Pumping Station.

** This relates to the volume discharged from the Stamullen Pumping Station, which is now part of the Balbriggan agglomeration, D0023-01.

SWO Summary	
How much wastewater discharge by metered SWOs during the year (m ³)?	2282
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?	Yes
Have the EPA been advised of any additional SWOs / changes to Schedule C3 and A4 under Condition 1.7?	Yes

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

3.2.1 SPECIFIED IMPROVEMENT PROGRAMME SUMMARY

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 a list of the various reports required for this agglomeration and a brief summary of their recommendations.

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
D0262-SIP:01	Upgrade ammonia removal system	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
D0262-SIP:02	Upgrade orthophosphate removal system	C	31/12/2014	Yes	Works Completed		

A summary of the status of any other improvements identified by under Condition 5 assessments- is included below.

The Stamullen agglomeration has been amalgamated into the Balbriggan agglomeration (D0023-01).

The Stamullen WWTP was changed over to a Pumping Station on the 19th February 2024. Flows are pumped to the Balbriggan WWTP for treatment.

3.2.2 IMPROVEMENT PROGRAMME SUMMARY

Improvement Identifier	Improvement Description / or any Operational Improvements	Improvement Source	Expected Completion Date	Comments
No additional improvements planned at this time.				

3.2.3 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 Tables 4.2.1 and 4.2.2.

4 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 a list of the various reports required for this agglomeration and a brief summary of their recommendations.

Licence Specific Report	Required by licence	Included in this AER
Please refer to the AER for D0023-01.		

5 CERTIFICATION AND SIGN OFF

5.1 SUMMARY OF AER CONTENTS

Parameter	Answer
Does the AER include an Executive Summary?	Yes
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)?	Yes
Is there a need to advise the EPA for Consideration of a Technical Amendment/Review of the Licence?	Yes
List reason e.g. additional SWO identified	Amalgamation with Balbriggan agglomeration (D0023-01)
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	No
List reason e.g. changes to monitoring requirements	N/A
Have these processes commenced?	Yes
Are all outstanding reports and assessments from previous AERs included as an appendix to this AER	N/A

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

Date: 26/04/2025

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

Eleanor Roche

Head of Environmental Regulation.

6 APPENDIX

There are no Appendices included.