

## Licensee Return - Mullagh Wastewater Treatment Plant (Reg. No. D0252-01)

Site visit 16/10/2025 -SV reference number SV33013

### Supporting information

#### Design & Network

1. The current Population Equivalent (P.E.) of the agglomeration and the design and actual capacity of the WWTP.

Refer to section 2.1.4.2 Treatment Capacity Report Summary in the **2024 AER**

2. A network map of the agglomeration, including all Pump Stations (PS).



3. The forward pumping capacity for each PS.

Pumping Stations- Mullagh
GLEN ALAINN PS
CURRAGH PARK PS
CLUAIN MULLACH PS

4. The Emergency Overflow (EO) locations and coordinates.

Information is being collated.

5. A list of Storm Water Overflows (SWOs) within the agglomeration, including any SWOs not currently listed on the licence (which may require a licence amendment) and records of Flow monitoring & volume of discharges from those SWOs

SW002 - SWO located at WwTP. Refer to section 4.1.1 SWO Identification in the **2024 AER**

6. The storm tank storage capacity at the WWTP and PS(s), and the capacity of each pump.

Storm Tank Volume 565 m3

7. Confirmation of whether storage capacity at each pump station is appropriate based on Dry Weather Flow (DWF) calculations.

Information being collated.

8. Records of any flow monitoring/calibration for influent and effluent meters.

Available on site.

9. Confirmation of whether a documented procedure is in place for responding to breakdowns or Emergency Overflows.

Available on site.

10. An update, if available, regarding the Open Compliance Investigation (CI) concerning upgrade works, including commencement and completion dates.

The proposed upgrade works for Mullagh WWTP are progressing under the ECI (Early Contractor Involvement programme) to workshop 4 and through the planning process submission in Q4 2025.

#### Data & Operations

11. Effluent monitoring data for the last 24 months, including a column comparing results to the Licence ELVs to indicate compliance.

See attached

12. Upstream and downstream ambient data for the last 24 months.

See attached

13. Operator monthly records (where relevant) for the last 12 months.

Available on site.

14. Sludge management records for the last 12 months.

Available on site.

15. Solids removal records from clarifiers or downstream processes, including any contingency arrangements for excess solids (last 12 months).

Available on site.

16. Dissolved Oxygen (DO) data for the last 12 months.

N/A

17. Cleaning, maintenance, and calibration records for all DO probes on site (if applicable) for the last 12 months.

N/A

18. A list of identified critical equipment and spares, their lead times, and confirmation of arrangements in place to obtain replacements at short notice.

R&M Framework Contractor utilised.

19. Copies of any inspection/maintenance records for critical plant and equipment.

Available on site.

20. Details of any industrial effluent received into the plant.

N/A

21. Details any UÉ Process Operations Team visits recommendations to optimise plant performance in the preceding 12 months.

Recirculation to Tricking Filter

Dual ferric dosing

22. Updates on any operational improvements and/or upgrade works in the last 12 months.

New Inlet screen

New stormwater overflow

Grit removal system Storm tank cleaning system

Automation of existing storm return pumps

Final effluent wash water pumping station

Automation of decant system at sludge tank

Form 4 Panel for new equipment

23. Up-to-date details of all open incidents, any complaints received by your organisation and details of the responses to those complaints, briefing on any planning permissions or additional connections, planned or implemented in relation to the Agglomeration in the past 24 months

INCI031360 – Issues with samplers on site

INCI030486 - IFI complaint on the 11/06/2025 regarding a coloured discharge - soda ash continues to be added to the treatment process as required to mitigate against any settlement issues.

INCI018560 – Breach of ELV ongoing. Refer to item 10 above.

Investigations ongoing into the Complaints in 2025 and updates will issue to INCI030486 when available.

24. And any other reports or correspondence from other relevant authorities or agencies concerned with environmental compliance at the site within the last 12 months.

N/A

**Note to licensee:**

- (1) Submit all requested information in full; where the requested data is either “Not Applicable” or “Not Available” for the site, provide an explanation as to why and provide expected submission date.
- (2) Ensure copies of requested information/ data are available on site and ready for inspection on the day of visit.
- (3) Any operational/ monitoring data should be reviewed before submissions with commentary added where exceptions occurred.
- (4) Where operational data is to be presented on site, this data should be confirmed in advance as being available for inspection on the day.