

ATTACHMENT C.2. MEASURES TO PREVENT UNINTENDED DISCHARGES

The Waste Water Treatment Works at Dripsey has been designed and incorporates the following key measures to prevent unintended discharges to the Dripsey River:

- SWOs (SW002 and SW003) have been designed in compliance with the definition of 'Storm Water Overflow' as per Regulation 3 of the Waste Water Discharge (Authorisation) Regulations, 2007, as amended and the criteria as set out in the DoEHLG 'Procedures and Criteria in Relation to Storm Water Overflows', 1995.
- Provision of 45m³ of storm storage provided at the WwTP
- All alarms will be linked to level measurement to alert to any spillage and will be linked to SCADA with alarms sent to operators in the result of an emergency event.
- Connection for temporary generator. Uninterruptible Power Supply (UPS) backup for telemetry/plant controllers.
- An Emergency Response Plan and Procedures, Operation and Maintenance Procedures for all equipment will be in place and implemented by the appointed plant operator, as required.
- All operators will be fully familiar with all operational plans and procedures pertaining to the plant and network *etc.*
- All flows will be monitored continuously and recorded at the electromagnetic flowmeters which will be installed at the WwTP.
- The remedial network upgrade works will mitigate the risk of hydraulic impact to the WwTP, will retain additional reserve storage capacity in foul network and will lead to reduced overflows from the stormwater overflows.

Refer to **Section C.2** of the application form for further details on the proposed prevention and monitoring measures at the WwTP and on the network.

The Dripsey WwTW has been designed to prevent unintended discharges from the works and to ensure that all emissions from the agglomeration comply with or will not result in the contravention, of any national or European legislation.