



Waste Water Discharge Authorisation

Attachment C.1 – Discharges & Monitoring

Applicant Name:*

Dripsey

Application I.D.:*

D0426

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SECTION C: DISCHARGES & MONITORING

This part of the application form collects information on the existing and proposed waste water discharges from the waste water works serving the agglomeration including proposed emission levels and monitoring results.

Section C.1 Discharges & Monitoring

Table C.1(a) - Primary waste water discharge (complete the table for existing and proposed primary discharge where relevant)

| Existing Primary Waste Water Discharge (as per D0426-01) | | | | | | |
|--|-------------------|--------------------|---------------------|----------------------|--------------------------|-------------------------|
| EDEN Code (where applicable) | Unique Point Code | Discharge Location | Monitoring Location | Receiving Water Name | WFD Code Receiving Water | Type of Receiving Water |
| TPEFF0500D0426SW001 | SW001 | 148607E, 074817N | 148619E, 074844N | Dripsey_020 | IE_SW_19D060400 | River |

| Proposed Primary Waste Water Discharge | | | | | | |
|--|-------------------|--------------------|---------------------|----------------------|--------------------------|-------------------------|
| EDEN Code (where applicable) | Unique Point Code | Discharge Location | Monitoring Location | Receiving Water Name | WFD Code Receiving Water | Type of Receiving Water |
| TBC | SW001 | 148611E, 074819N | 148621E, 074823N | Dripsey_020 | IE_SW_19D060400 | River |

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| Proposed Discharges Emission Levels and Monitoring – as per D0426-01 | | | | | | | |
|--|-------------------|--|-------------------------|----------------------------------|----------------------|-----------------|---|
| Discharges | | | | | Monitoring | | |
| Parameter | Units | Interim emission level (or Interim % Reduction) | Proposed emission level | Emission level commencement date | Monitoring Frequency | Sampling Method | Analysis method/Technique |
| Flow | m ³ /s | - | - | - | Continuous | Composite | On-line flow meter with recorder |
| pH | pH Units | - | 6-9 | - | Weekly | Composite | pH Meter and recorder |
| cBOD | mg/l | - | 25 | - | Six samples/year | Composite | Standard Method |
| COD | mg/l | - | 125 | - | Six samples/year | Composite | Standard Method |
| Suspended Solids | mg/l | - | 35 | - | Six samples/year | Composite | Standard Method |
| Ammonia (as N) | mg/l | - | 10 | - | Six samples/year | Composite | Standard Method |
| Ortho-Phosphate (as P) | mg/l | - | 5 | - | Six samples/year | Composite | Standard Method |
| Visual Inspection | Descriptive | - | - | - | Weekly | Grab | Sample and examine for colour and odour |

Secondary Waste Water Discharge

| | |
|---|----|
| Is a Secondary discharge associated with the agglomeration? | No |
|---|----|

If yes, complete the following table for each secondary waste water discharge.

Table C.1(b) - Secondary waste water discharge

| Secondary Waste Water Discharge | | | | | | | |
|---------------------------------|-------------------|--------------------|---------------------|----------------------|--------------------------|-------------------------|------------------------------------|
| EDEN Code (where applicable) | Unique point Code | Discharge Location | Monitoring Location | Receiving Water Name | WFD Code Receiving Water | Type of Receiving Water | Decommissioning date if applicable |
| Not applicable | | | | | | | |

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| Discharges Emission Levels and Monitoring | | | | | | | |
|---|-------|---|----------------------------|--|-------------------------|-----------------|------------------------------|
| Discharges | | | | | Monitoring | | |
| Parameter | Units | Interim emission level (or Interim % Reduction) | Proposed emission level | Emission level commencement date | Monitoring Frequency | Sampling Method | Analysis method/Technique |
| Not applicable | | | | | | | |

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Waste water discharges from Stormwater Overflows

| | |
|--|-----|
| Are discharges from storm water overflows associated with the agglomeration? | Yes |
|--|-----|

If yes, complete the following table for waste water discharges from storm water overflows.

Table C.1(c) - Storm Water Overflows (additional rows may be added as required)

| Storm Water Overflow (SWO) | | | | | | | |
|--------------------------------|-------------|--------------------------------|--------------------------|----------------------------|-----------------------------|----------------------|--|
| EDEN Code (Where available) | Unique Code | Discharge Location (6E, 6N) | SWO Location (6E, 6N) | Name of Receiving Water | WFD Code Receiving Water | Compliant * (Y/N) | Decommissioning date (where applicable) |
| New SWO | SW002 | 148611E, 074819N | 148616E, 074855N | Dripsey_020 | IE_SW_19D060400 | Y | N/A |
| New SWO | SW003 | 148611E, 074819N | 148611E, 074835N | Dripsey_020 | IE_SW_19D060400 | Y | N/A |

* compliant with the criteria as set out in the DoEHLG 'Procedures and Criteria in Relation to Storm Water Overflows', 1995

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Emergency Overflow Point(s)

| | |
|--|----|
| Are discharges from emergency overflows associated with the agglomeration? | No |
|--|----|

If yes, complete the following table for waste water discharges from an emergency overflow.

Table C.1 (d) - Emergency Overflow (additional rows may be added as required)

| Emergency Overflow Point | | | | | |
|--------------------------|-------------------|-----------------------------|--------------------------------------|-------------------------|-----------------------------|
| Name of pumping station | Unique point code | Discharge Location (6E, 6N) | Emergency Overflow Location (6E, 6N) | Name of Receiving Water | WFD Code of Receiving Water |
| | | | | | |

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Waste water treatment plant monitoring data

In the case of an existing associated waste water treatment plant(s), provide a summary of the sampling data pertaining to the discharge based on the samples taken in the 12 months preceding the making of the application by completing the following table.

Table C.1(e) - Effluent monitoring results (Current WwTP – Jan – Nov 2021 & as per D0426-01 Monitoring Requirements. New WwTP is not fully commissioned)

| Parameter: | pH (pH unit) | cBOD (mg/l) | COD (mg/l) | Suspended Solids (mg/l) | Ortho-P (as P) (mg/l) | Ammonia – Total (as N) (mg/l) |
|--|--------------|-------------|------------|-------------------------|-----------------------|-------------------------------|
| Number of Samples: | 7 | 6 | 6 | 6 | 6 | 6 |
| Max result: | 7.9 | 41 | 119 | 24 | 5.17 | 40.8 |
| Min result: | 7.6 | 3.4 | 23 | 1.25 | 1.59 | 4.2 |
| Average result | 7.76 | 15.43 | 64.00 | 9.58 | 3.28 | 22.3 |
| Number of exceedances of ELV: (Where applicable) | 0 | 1 | 0 | 0 | 1 | 4 |
| Overall compliance: (%) | 100% | 83% | 100% | 100% | 83% | 33% |