

Industry and Waste Authorisation Application

7.6. Storm Water Discharges

Organisation Name:

Connolly's RED MILLS

Application I.D.:

LA001443

Environmental Protection Agency, PO Box 3000, Johnstown Castle, Co. Wexford.

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Storm Water Discharge Points - one row per discharge point

Rain water run-off from roof and non-process areas NOT including rain water run-off from areas used for the storage of waste or run-off from process areas likely to be contaminated

| Discharge Point Code | Discharges to? | Description of Discharge Point and Controls | Easting | Northing | Receiving Water Code (or name where no code is available) |
|----------------------|----------------|--|---------|----------|---|
| Location 2 | River Barrow | Storm water discharge from south and western areas of site | 668121 | 654323 | 14B01 |
| Location 5 | River Barrow | Discharge from Pond 4 of ICW – Storm water from north and east of site | 668315 | 654515 | 14B01 |
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Storm Water Discharge Monitoring Points

| Discharge Point Code | Monitoring Point Code | Easting | Northing |
|----------------------|-----------------------|---------|----------|
| Location 1 | SW 1 | 667886 | 654225 |
| Location 2 | SW 2 | 668121 | 654323 |
| Location 3 | SW3 | 668110 | 654294 |
| Location 4 | SW 4 | 668153 | 654432 |
| Location 5 | SW 5 | 668315 | 654515 |
| Location 6 | SW 6 | 668342 | 654244 |
| Location 7 | SW 7 | 668258 | 654090 |
| | | | |

Waste Water to Surface Water - Emissions

| Parameter | Trigger Level | How was the trigger level determined if not in accordance with EPA Guidance? | Proposed Monitoring Frequency | Sampling / Monitoring | |
|--------------------|---------------|--|-------------------------------|-----------------------|-------------------------------|
| | | | | Sample Method | Analysis Method and Technique |
| BOD | 2.6 mg/l O2 | S.I 272 of 2009 | Quarterly | Grab Sample | |
| pH | 6-9 | S.I 272 of 2009 | Quarterly | Grab Sample | |
| Suspended Solids | 50 mg/l | Surface Water Regs 1989 | Quarterly | Grab Sample | |
| Total Ammonia | 0.065 mg/l | S.I 272 of 2009 | Quarterly | Grab Sample | |
| Nitrate | 50 mg/l | Surface Water Regs 1989 | Quarterly | Grab Sample | |
| Total Phosphorus | 1 | Surface Water Regs 1989 | Quarterly | Grab Sample | |
| orthophosphate | 0.5 | S.I 272 of 2009 | Quarterly | Grab Sample | |
| Oils/fats/greases | 0.01 mg/l | Surface Water Regs 1989 | Quarterly | Grab Sample | |
| Total Hydrocarbons | 0.01 | Surface Water Regs 1989 | Quarterly | Grab Sample | |
| | | | | | |

Attach details of how storm water is proposed to be monitored if not provided for in the table above.

Storm water monitoring document filename

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