

EPA Application Form

7.7 - Discharges to Storm Water - Attachment

Organisation Name: *

Knockharley Landfill Limited

Application I.D.: *

LA004307

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Authorisation Application Form

Amendments to this Application Form Attachment

Version No.	Date	Amendment since previous version	Reason
V.1.0	July 2017	N/A	Online application form attachment
As above	Mar 2018	Identification of required fields	Assist correct completion of attachment

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* indicates required field

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Storm Water Discharge Points

Storm water is rain water run-off from roof and non-process areas

Complete the table below for all storm water discharge points – (one row per discharge point).

Note: This section is **NOT** for rain water run-off from areas used for the outdoor storage of waste **OR** run-off from process areas likely to be contaminated.
(Process effluent discharges and emissions should be described in the **7.2 Emissions to Water** tab of the application form).

Discharge Point Code *	Easting * ¹	Northing * ²	Discharges to? (enter relevant option) * ³	Description of Discharge Point and Controls *	Name of receiving water (where applicable) *	Receiving Water Code (where applicable) *
SW-9	297587	266621	River	Surface water passes through surface water lagoon, an attenuation pond and into an artificial wetland. The discharge point is the outfall from the wetland. The outlet from the surface water pond is continuously monitored for pH, TOC and conductivity. Trigger levels are set. The discharge from the surface water pond is controlled by a slam shut valve that prevents surface water discharging	Knockharley Stream	N/A

¹ Six Digit GPS Irish National Grid Reference

² Six Digit GPS Irish National Grid Reference

³ Options: 'River', 'Ditch', 'Estuary', 'Lake', 'Land Drain', 'Foul Sewer', 'Percolation Area', 'Groundwater', 'Storm Sewer' or 'Other' (where 'Other' is selected please enter a description)

* indicates required field



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Discharge Point Code *	Easting * ¹	Northing * ²	Discharges to? (enter relevant option) * ³	Description of Discharge Point and Controls *	Name of receiving water (where applicable) *	Receiving Water Code (where applicable) *

*add rows to the table as necessary

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Storm Water Trigger Levels and Monitoring

Complete the table below with details of the trigger levels and proposed monitoring regime for each parameter.

Select parameters that are a good indicator of loss of containment on-site. Consult the EPA guidance in the setting of trigger values for storm water discharges to off-site surface wastes at EPA licensed facilities (2012).

(If different parameters or monitoring arrangements apply at different storm water discharge points include information on this within the table).

Parameter*	Trigger Level*	How was the trigger level determined?*	Proposed Monitoring Frequency* ⁶	Sampling / Monitoring	
				Sample Method* ⁷	Analysis Method and Technique* ⁸
pH	9.5-5.5	Agency approved method	Continuous	In-line monitoring	Standard pH meter
TOC	20 mg/l	Agency approved method	Continuous	In-line monitoring	Standard TOC meter
Conductivity	2,100 us/cm	Agency approved method	Continuous	In-line monitoring	Standard TOC meter

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*add rows to the table as necessary

If not provided for in the table above, upload a document that includes details of how storm water is proposed to be monitored (select Document Type: **Storm Water Monitoring** in the application form).

Storm Water Monitoring document file name:

⁶ Option list: 'Continuous', 'Hourly', 'Daily', 'Weekly', 'Monthly', 'Quarterly', 'Biannually' OR 'Annually'.

⁷ Option list: 'Continuous', '24-hour Flow Proportional Composite', '24-hour Time Proportional Composite' OR 'Grab'.

⁸ Option list: 'Gravimetric', 'Online Calibrated Suspended Solids', 'Online Flow Meter with Recorder', 'Online pH electrode/probe Meter and Recorder', 'Online Temperature Probe with Recorder', 'Standard Method', 'Visual', OR 'To be agreed by the Agency'.

* indicates required field