



EPA Application Form

7.7 - Discharges to Storm Water - Attachment

Organisation Name: *

Sancom Ltd

Application I.D.: *

LA005485



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

* 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)
SW1	280007	184049	Ditch (which then runs into the River Graney)	Discharge Point: 300 mm Concrete Pipe Controls: See 'Controls for the Protection of Waters' below.	The River Graney	

*add rows to the table as necessary

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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Controls for the Protection of Waters

The following measures will be in place at the facility in order to ensure the protection of surface waters and groundwater:

- A series of settlement lagoons are situated on-site for the treatment of site surface water run-off containing elevated levels of particles. These settling lagoons will be cleaned and dredged as necessary.
- Fuel will be stored in fuel tanks situated in an existing bunded, roofed storage area. This area has been designed in accordance with EPA Guidance IPC Guidance Note on Storage and Transfer of Materials for Scheduled Activities, taking into account criteria for bund requirements (e.g. 110% of the capacity of the largest tank or drum within the bunded area; or 25% of the total volume of substance which could be stored within the bunded area, whichever is greater)
- Oils and lubricants will be stored within sump pallets in a farm store on-site.
- Testing of bund/sump pallet integrity shall be conducted upon commencement of site operations and every three years thereafter in accordance with good practice to verify the water tightness and integrity of bunds on-site. Where bund testing fails a programme of works shall be established by a Chartered Engineer to fix the bund and ensure its water tightness and integrity.
- Good hazardous material practice on-site will be observed. Fuel, oil, chemical storage tanks and drums shall be labelled. Fuel pumps and attachments shall be located within bunded areas. Bunded areas are roofed to prevent rainwater accumulating in bunds.
- Re-fuelling shall take place in a designated, roofed hardstanding re-fuelling area which drains to a silt trap and an oil interceptor to protect against oil spills.
- The wheel wash unit will be served by an integrated silt tank and oil interceptor. The wheel wash unit on-site will be a self-contained unit that utilizes recycled water originating from a GW abstraction point (by way of bowser). The silt tank/oil interceptor will be in place for when excessive rainfall causes overflow from the system. The wheel wash system will be desludged and cleaned ca. every 6 months at a minimum or as needed by an appropriate provider. Waste sludge from the unit will be dispatched to an appropriate authorized destination waste facility.
- Emergency Response Procedures will be in place to ensure the prompt and thorough response to any spills of hazardous materials. Spill kits will be present on-site for this purpose.
- An interceptor maintenance and inspection programme will be implemented - the interceptors on-site should be inspected every 6 months by suitably qualified persons and should be cleaned and serviced regularly as necessary
- Composting curing/maturation will take place on a hard-standing area which drains to an 180,000 litre slatted effluent storage tank to prevent the discharge to the environment of potentially polluting materials associated with this process. This effluent storage tank will be regularly inspected and emptied, cleaned and serviced when necessary.
- Waste Acceptance Procedures will be in place to ensure that hazardous waste or putrescible waste are prevented from arriving on-site and, were found to be present on-site, temporarily stored in a bunded waste quarantine area prior to being dispatched off-site to an authorized waste facility within 24 hours.
- A surface water drainage inspection, maintenance and monitoring programme should be established and surface water emanating from the site shall be tested periodically.



Authorisation Application Form

Storm Water Discharge Monitoring Points

Enter the Discharge Point Code, the associated Monitoring Point Code and the grid reference details for each Monitoring Point location.

Discharge Point Code	Monitoring Point Code	Easting ⁴	Northing ⁵
SW1	SW1	280007	184049

*add rows to the table as necessary

⁴ Six Digit GPS Irish National Grid Reference

⁵ Six Digit GPS Irish National Grid Reference

* indicates required field



Authorisation Application Form

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
Visual Inspection	No change in colour or odour. No observed contamination	N/A	Weekly	Grab sample	In-situ observation
pH	6-9	SW Discharge Limit defined in EPA BAT for the Waste Sector	Quarterly	Grab sample	In-situ monitoring using probe
BOD	25 mg/l	SW Discharge Limit defined in EPA BAT for the Waste Sector	Quarterly	Grab sample	Standard Method
Suspended Solids	35 mg/l	SW Discharge Limit defined in EPA BAT for the Waste Sector	Quarterly	Grab sample	Standard Method
Ammonia	10 mg/l	SW Discharge Limit defined in EPA BAT for the Waste	Quarterly	Grab sample	Standard Method

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'.

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Authorisation Application Form

Parameter	Trigger Level	How was the trigger level determined?	Proposed Monitoring Frequency ⁶	Sampling / Monitoring Sample Method ⁷	Analysis Method and Technique ⁸
		Sector			
Orthophosphate	To be determined	To be determined following monitoring, in accordance with EPA Guidelines on the setting of SW Trigger Values	Quarterly	Grab sample	Standard Method
Dissolved Metals	To be determined	To be determined following monitoring, in accordance with EPA Guidelines on the setting of SW Trigger Values.	Quarterly	Grab sample	Standard Method
Total Dissolved Solids	To be determined	To be determined following monitoring, in accordance with EPA Guidelines on the setting of SW Trigger Values.	Quarterly	Grab sample	Standard Method
Total Petroleum Hydrocarbons	1 mg/l	EPA Guidelines on Environmental Management in the Extractive Industry.	Quarterly	Grab sample	Standard Method
Diesel Range Organics	1 mg/l	EPA Guidelines on Environmental Management in the Extractive Industry.	Quarterly	Grab sample	Standard Method
Petrol Range Organics	1 mg/l	EPA Guidelines on Environmental Management in the Extractive Industry.	Quarterly	Grab sample	Standard Method

*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:

* indicates required field



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* indicates required field