



## Site Spillage & Cleaning Procedures 2023

### *Introduction*

Waste4Generation Corby processes and handles numerous types of material including but not limited to: Raw Waste, Treated Effluent, Syrup & Products, Chemicals, Trace Nutrients, Antifreeze, Diesel Fuel & Heating Oil.

The below procedure is designed to prevent & minimise the effects of any spillage of material on-site with the potential to harm the environment, cause injury or cause ill health.

### *Responsibilities:*

- It is the responsibility of all operatives on site, staff and contractors to report any spillages that have the potential to cause harm or pose a risk to the environment and/or human health to the Site Manager & Site Director onsite at the time.
- It is the Site Manager's & Director's responsibilities to ensure that this procedure is followed at all times.
- It is the Site Manager's & Site Director's responsibilities to evaluate the spillage, oversee the clear up and report the incident both internally & externally.
- Should the incident result in significant pollution or a breach of permit conditions, the Site Manager will report the incident to the Environment Agency (and any other relevant parties)
- It is the Site Manager's & Site Director's responsibilities to notify the Health & Safety Executive (HSE) where a spill results in significant harm to any member of staff.
- It is the Site Manager's & Site Director's responsibilities to ensure that the below spill kit, PPE and required equipment is available & maintained.

### *Health & Safety:*

- Spills shall only be cleaned up if safe to do so.
- Appropriate PPE to be worn for the spill clean-up. This is dependent on the material spilled, the relevant COSHH form to be consulted in regards to the material's requirements.
- PPE stored within the site office & warehouse including goggles, gloves, gauntlets, chemical suits & chemical wellies/safety shoes.
- Spill kits and clean-up tools are located at strategic points around site and have been selected to deal with the types of spillage likely to occur in the vicinity.

### *Environmental:*

- Where a spill occurs within proximity of unmade ground or surface water drains, actions to be taken to prevent the spillage from reaching these pathways.
- The surface water drain to be bunged off at all times. Checks to ensure operational & intact.
- Refer to the MSDS/COSHH assessment for the spilt substance shall be obtained to ensure the spill is controlled in a manner that prevents environmental risks.



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### Procedure

- Any spillages of materials should be cleaned up and disinfected as soon as it occurs. The response will depend on what is spilled, where it is spilled and how much is spilled.
- Only persons trained on spillage clean up and who are wearing appropriate PPE shall be permitted to enter the area to be cleaned.
- Confirm material – Determine, as far as possible, what liquid has been spilled and use this information to plan further action (clean-up support and materials, waste disposal support etc).
- Stop the source – If possible, stop the source of the spill by plugging or turning off valve/pump etc/turning container upright/placing within a form of containment.
- Turn off ignition sources – If possible, turn off all ignition sources & equipment. Send for assistance, inform management, look for your supervisor & ask for help.
- Control the Spill – If safe to do so, cover any local drains, surround the spill with the spill kits booms, adsorbing equipment, cover will spill granules (as appropriate). Where the spill is likely to flow towards unmade ground or a surface water drain, divert flow using boom/spill kit adsorbant aids to keep it on the hard standing & within bunded area. Ensure sealing off of the surface water drain / bung already in place (as is standard operation).

### Ensure surface water bung in place and drain spill covers in place immediately

- Control Access – Control access to the affected area to prevent unauthorised personnel from entering.
- Wear correct PPE – Check the COSHH assessment for the material and wear the recommended PPE.
- Control the Spill – Use appropriate measures such as spill kits and absorbant materials to limit the spread of the spillage, paying attention to existing surface water drainage.
- Remove as much of the spilled material as possible from the spill surface. This can either be pumped, tankered or diverted to the pumping station depending on location.
- Only wash down spill, use hoses on spill if safe to do so, and only in locations away from surface water drainage. Control over use of hoses to prevent increases in spill volume where containment required.
- Notify site manager and site director of the spill. Site operations to be reviewed and halted if required, to assist with clean-up support & prevent further incident.
- Where the spillage has the potential to cause environmental harm, the Site Director will notify the Environment Agency on the Incident Hotline Number: 0800 807060. Should the site director not be available, the Operation's Director is to inform the EA.
- Emergency Contact – In the event of a major fire, or in the instance of a chemical spill or a spillage of a flammable substance requiring specialist clean-up, the Fire Service shall immediately be notified by calling 999.



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- Clean Up – Once the spill has been cleared, make necessary arrangements to transfer the contained liquid to suitable containers (for instance, pumping station, quarantine tank, tanker removal etc). Spill kit materials utilised in spill to be included in waste disposal and disposed off appropriately as per manufacturers instructions (subject to spilled liquid type).
- The spill area is to be disinfected using ozone/nano bubble treated water.
- The spillage and wash down water is collected in PS1 and returned to RT2 for processing.
- Waste Disposal – Make arrangements for waste to be collected, stored and removed by an approved waste contractor.
- Reporting – An Accident/Incident log shall be completed and also logged in the site diary.
- Investigate – Site management must conduct a full investigation into the cause of significant spillages and log the findings in the Incident Log. Any pending actions to be completed and followed up by Site Director.

### Site Drainage Management

- The site drainage system is to be monitored and maintained and overseen by the Feedstock Manager, AD plant Manager and the Site Director.
- The site has been CIRIA 736, with the bunding & drainage control in place ensuring a low overall risk to the surrounding receptors.
- As part of the site's drainage management, the surface water drains which lead off site are bunded (which can be removed where required) which prevents onsite spillages from entering the surface water system.
- The onsite pumping station controls the collection and pumping of spillages on site, and therefore it's maintenance and operation is monitored daily.



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