

Dated: 29/10/2018

Appendix 20 – Site Drainage and Infrastructure

SITE DETAILS	
Name of the applicant	Morris and Co. (Handlers) Ltd
Activity address	Top Shed, Neath Abbey Wharf, Skewen, Neath, SA10 6BL
National grid reference	SS 72785 95866

Below is a summary of the site drainage and infrastructure at the above site, please see drawing no.9 Drainage for illustration.

Office – WC

- Foul connection to septic tank

Building

Drainage

- There are no internal drains in the building
- 1m dwarf wall around the entire internal wall line for containment as necessary
- 150mm depth sleeping policeman at roller shutter door entrances
- North top left corner of building is lower than the floor of the building to provide extra containment around baler equipment
- Roof water runs off existing gutters and drainpipes down the side of the building which connects to the existing groundwater/seepage system and lagoon

Infrastructure

- Fully impermeable pavement internally

External – Waste Storage Area

Drainage

- Pre-cast concrete wall around storage area, sealed to provide containment
- Pre-cast concrete wall extended into yard area to provide additional containment
- 2 x 150mm depth sleeping policeman, one parallel with the equipment and one at right angles with the end of the wall
- There is a drain at the top right hand corner of the sealed area where the equipment comes outside, this is connected to an over flow tank which is located at the side of the building. Water captured in the over flow tank could either be used in the building for dust suppression or tankered away from site. Water held within the over flow tank during a fire could also be used to recirculate on the fire if necessary.
- The extended length of the wall allows for spill management and a secondary containment system for water that may escape the sealed material storage area
- The material stored would soak up some water held in the area as it is an ash.

Infrastructure

- Fully impermeable pavement

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External – Non-Waste Storage Area

Drainage

- Surface water run off to groundwater/seepage via the lagoon

Infrastructure

- Impermeable pavement where vehicles enter the site and front of the building
- Gravel beyond the pre-cast concrete wall
- Rough asphalt to the permitted boundary

Lagoon

- The scheme to install the lagoon was approved by Neath Port Talbot Council on 19th May 2008. Planning consent P2007/1128. Details of the planning consent are below.





