2. Accident/Pollution Incident Management Plan

The contents of this section of the Environmental Management System (EMS) include information on the following topics:

- Site Plan, including; entrances/exits, buildings, drainage plan, vulnerable receptors, recycling activities areas and materials/goods storage areas including hazardous waste (if applicable)
- Key Site & Emergency Contacts (Including site managers, emergency services, utility services and regulators)
- List of Substances and Storage Facilities
- Accident/Incident prevention and mitigation measures

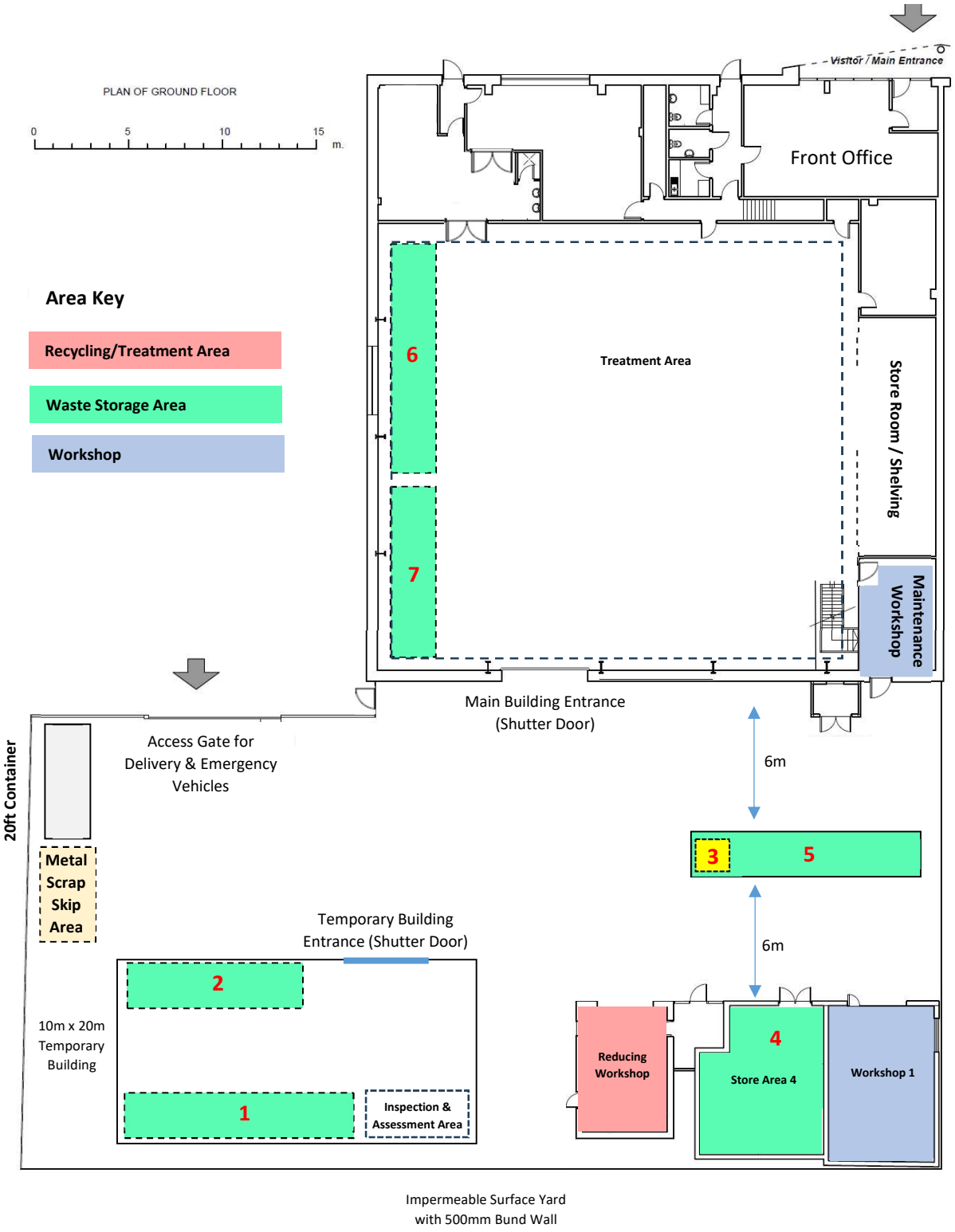
2.1. Site Plan

Site Address:

EV Recycling, Unit 12, Llanelli Gate, Dafen, Llanelli, Carmarthenshire, United Kingdom, SA14 8LQ

2.1.2. Storage Quantities, Area Sizes, Site Entrances, Exits and Recycling & Storage areas

The image below provides a general overview of the site, highlighting the key areas.
This will be provided to the fire services in the event of an emergency.

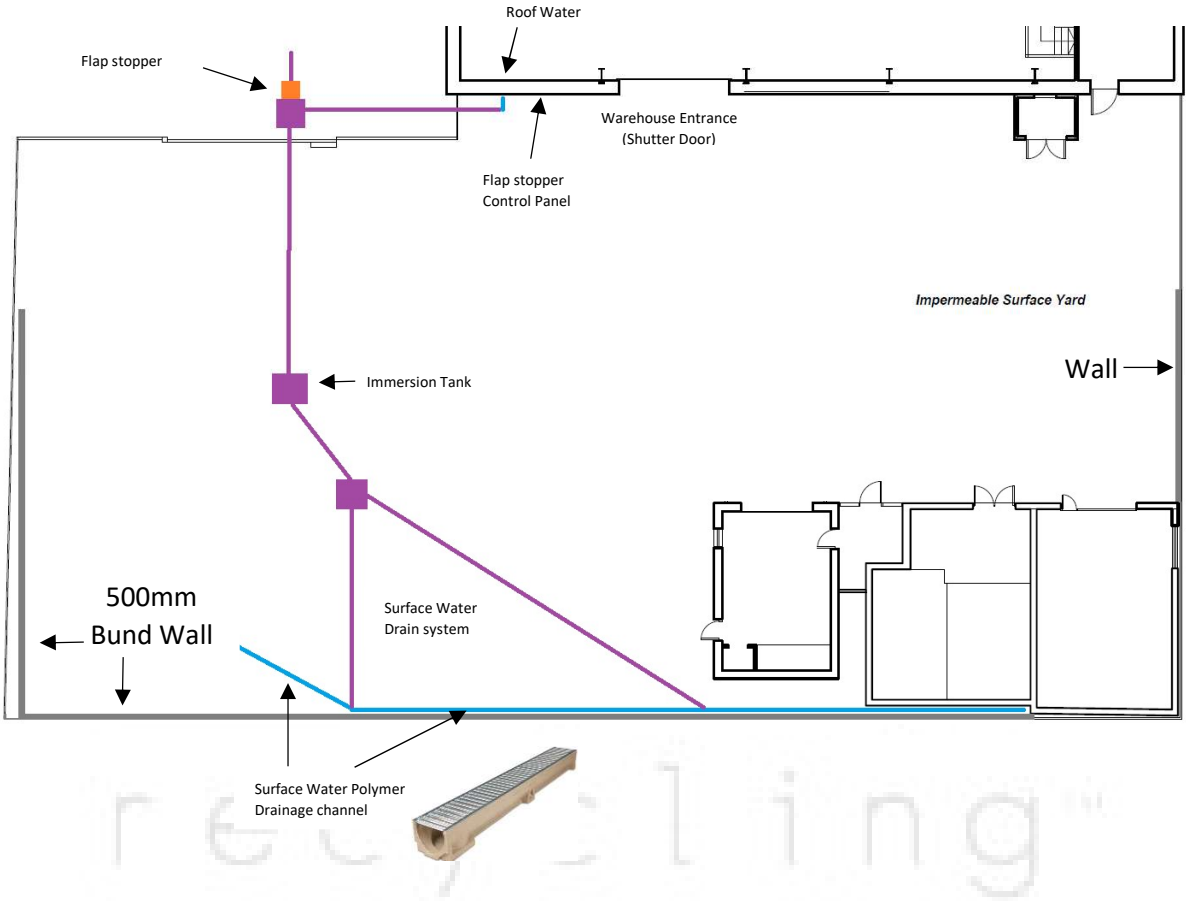


Waste Area	Type	Details and Waste Types	Size of Area (metres)	Maximum Height of Stack? (metres)	Maximum Capacity (Quantity)	Maximum Weight (kg)	Storage time
1	Potential for Hazardous (including Mirror Hazardous and mirror non-hazardous)	Processed and Unprocessed Waste, including CAT 2 & 3 batteries. Inside Approved Packaging (e.g. ADR if required) and/or on labelled pallets. Separated manufacturing scraps consisting of anode and cathode materials.	12 x 3.5	2.59	12 Packs/120 Modules OR battery anode & cathode scrap	24,000	Up to 6 Months
2	Potential for Hazardous (including Mirror Hazardous and mirror non-hazardous)	Processed and Unprocessed Waste, including CAT 2 & 3 batteries. Inside Approved Packaging (e.g. ADR if required) and/or on labelled pallets. Separated manufacturing scraps consisting of anode and cathode materials.	10 x 3	2.59	120 Modules OR battery anode & cathode scrap	24,000	Up to 6 Months
3	HAZARDOUS	Separately collected by-product electrolyte from processing activities. Stored inside plastic, chemically resistant barrels over bunding.	3 x 2.5	2	N/A	3,000	Up to 6 Months
4	Non-Hazardous	Processed and Unprocessed waste. Including CAT 2/CAT 3 batteries OR dry cells OR anode scrap material OR cathode scrap material.	5 x 4	3	20 tonnes of CAT 2 or CAT 3 batteries OR waste battery materials	20,000	Up to 6 Months
5	Potential for Hazardous (including Mirror Hazardous and mirror non-hazardous)	Flexible **Quarantine Area**/40ft. Processed and Unprocessed including CAT1/CAT2/CAT3 batteries.	9 x 2.5	2.59	9 Packs/100 Modules	21,000	48hrs, or as required for quarantined items
6	Potential for Hazardous (including Mirror Hazardous and mirror non-hazardous)	Processed and Unprocessed Waste, including CAT 2 & 3 batteries. Inside Approved Packaging (e.g. ADR if required) and/or on labelled pallets. Separated manufacturing scraps consisting of anode and cathode materials.	12 x 3.5	2.59	12 Packs/120 Modules OR battery anode & cathode scrap	24,000	Up to 6 Months
7	Potential for Hazardous (including Mirror Hazardous and mirror non-hazardous)	Processed and Unprocessed Waste, including CAT 2 & 3 batteries. Inside Approved Packaging (e.g. ADR if required) and/or on labelled pallets. Separated manufacturing scraps consisting of anode and cathode materials.	10 x 3	2.59	120 Modules OR battery anode & cathode scrap	24,000	Up to 6 Months
Total Waste Storage Capacity						**140,000**	
Total Waste Storage Capacity (Hazardous & Mirror-Hazardous Waste)						**50,000**	

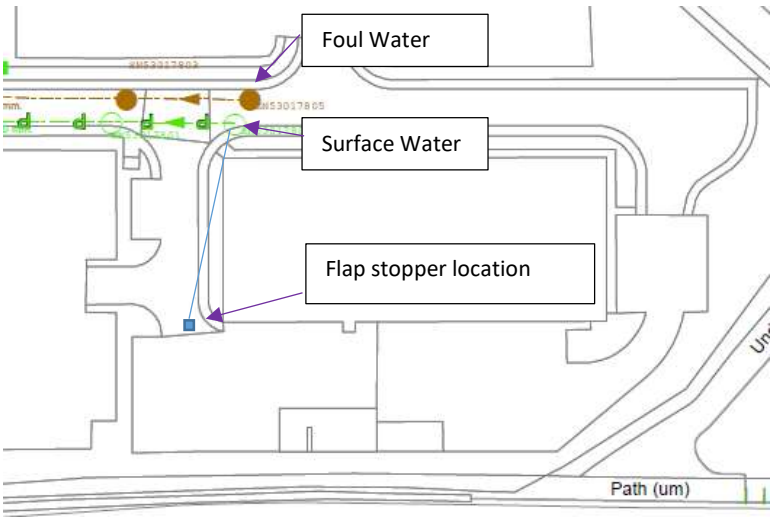
2.1.3. Drainage Plan

Below is a screenshot of the drainage plan. Please see the separate drainage plan documents for further detail. ***See Document 22. Drainage system documents V1.***

See Document 22. Drainage system documents V1.



All the surface water runs into the drainage system in the yard, into the immersion tank and past the open flap stopper device into the wider surface water drainage system offsite, as you can see in the image below.



Fire water discharge into the foul sewerage system is not permitted, due to the potential for contamination of local water courses.
The foul water does not merge into the surface water. Therefore the following measures have been implemented.

The site is bunded using a 500mm high concrete permitter wall with waterproof paint. This, along with an immersion tank and drain blocking flap (Flapstopper) device at the front of the main gate will be able to hold the fire water onsite and prevent any contaminants escaping to the drainage system.

The fire water and any contaminants can be removed from the immersion tank access point. The immersion tank and flapstopper device is serviced and inspected annually, and the flapstopper device tested on a monthly basis.

The use of a foldable flood water gate at the back of the site is not necessary, due to the use of a 500mm bunding wall. See section 6.12.

The metallic electro-pneumatically controlled flapstopper in the surface water drain can be operated remotely from a control panel. Once activated, this traps all fire water or any other accidental spills on site until a time when it can be pumped out. There is potential for automating the operation of the flapstopper by installing fluid sensors in the drainage system and linking it to the fire alarm panel.

The closest container to the control panel is 9m.

It is the responsibility of the fire marshal to activate the flapstopper device in the event of an emergency. The fire brigade will also have access to the control panel if required.

Below; Examples of a Spill kit and the flapstopper device situated within the drainage system.