

**Plan version: 2**

**Date of plan: 30/08/2024**

**Site details**

**Site name: All Waste Matters Ltd**

**Site address: Unit 2, Joseph Wilson Industrial Estate, Milstrood road, Whitstable, CT5 3PS**

**Operator name: All Waste Matters Ltd**

**Who this plan is for**

All Waste Matters Ltd (AWM) Staff

Contractors undertaking works on behalf of AWM

The Landlord for the premises and their appointed representatives

Kent County Council

Kent Fire and Rescue Services

The Environment Agency and their Officers assigned to AWM

The Health and Safety Executive and their inspectors assigned to AWM

3<sup>rd</sup> party waste disposers, carrier or brokers who may have justifiable need (such as Duty of Care audits)

Clients and prospective clients who may have justifiable need (such as Duty of Care audits)

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## Types of combustible materials

### Combustible waste

Laboratory wastes (flammable)	Laboratory wastes (Non-flammable)	Paint, and wastes	Printing, related	Oil wastes	Other wastes	Waste batteries
Waste Solvents	Oxidising agents	Solvent based paints		Oils, oil-based fuels (diesel, heating oil)	Resin solutions (e.g., Epoxy resin)	Lithium batteries
Solvent contaminated solids (PPE, spill material)	Organic liquids, solids (non-hazardous, toxic, pharmaceuticals, and their intermediates,	Paint thinners		Oil contaminated solids (PPE, spill materials, rubber coated hoses)	Amine based resin hardeners	Wooden packaging used to form crates for transporting large batteries
Flammable, organic solids (e.g., Sulphur)		Solvent/ paint/ ink contaminated solids (PPE, spill material)		Oil containing equipment (oil filters, pumps etc)	Waxes and non-flammable paraffin derivatives (solid and liquid)	High amperage vehicle batteries
Flammable metal powders/ fines		Paint stripping liquids or sludges			Organic liquids and solids (Non-hazardous toxic, pharmaceuticals, and their intermediates,	
Catalyst powders		Resin solutions (e.g. Styrene, Methyl-methacrylate)			WEEE	
Organic Peroxides		Printing ink			Flammable gas aerosols, cylinders, and cartridges	
Spontaneously combustible solids and liquids		Paint, lubricant, and adhesive aerosols			Contaminated wood (pallets, crates etc)	
Water/ air reactive solids and liquids						
Flammable acids (e.g., Acetic and Formic acid)						
Fuels (Kerosene, Petrol)						

### Persistent organic pollutants

We plan on accepting for onward transfer domestic and commercial pesticides, as well as WEEE and as such anticipate the full range of POPs may be present.

Aldrin	Hexachlorobenzene	Chlordecone
Chlordane	Hexachlorocyclohexane, including Lindane	$\alpha$ -Hexachlorocyclohexane, $\beta$ -Hexachlorocyclohexane
Chlordecone	Mirex	Hexabromodiphenyl ether, heptabromodiphenyl ether

DDT	PCBs	Pentachlorobenzene
Dieldrin	Pentachlorobenzene	Tetrabromodiphenyl ether
Endrin	Polychlorinated dibenzofurans (PCDF)	Perfluorooctanesulfonic acid
Heptachlor	Polychlorinated dibenzo-p-dioxins(PCDD)	Endosulfans
Hexabromobiphenyl	Toxaphene	Hexabromocyclododecane

Domestic/commercial furniture will not form a regular waste stream and as such POPs associated with these (Decabromodiphenyl ether, Hexabromocyclododecane, Pentabromodiphenyl ether, Tetrabromodiphenyl ether) will be limited

**Other combustible materials**

Fibre and plastic drums	Plastic and wooden pallets, crates	Cardboard boxes/ packaging	Office equipment (paper, IT equipment)	Wooden handled tools, desks/ benches, rubber floor matting at workstations
Oil and greases for FLT/ vehicle maintenance	Solvents/ organic liquids for use in cleaning or as reagents	Paint, lubricants, adhesives, and aerosols of the same.	Paper, wood fibre, and textile-based absorbents (unused)	Textile, PVC, Nitrile PPE and work clothing

**Using this fire prevention plan**

**Where the plan is kept and how staff know how to use it**

This document will be stored and available both digitally and as a paper copy. The digital version is stored on the AWM dropbox cloud storage system, accessible by any computer/ smart device once granted permission.

The paper copy will be stored in the site office, alongside other management documents.

Further, a USB flash drive will be placed in a lock box on the site gates, with access arranged with the nearest Fire and Rescue station. This USB drive will contain up to date information on the plan and the current waste stock on site.

**Testing the plan and staff training**

New staff will receive training in Fire prevention plan and procedures should a fire occur, at their first induction. This will be refreshed annually or whenever a change has been made.

Contractors will be given training in the plan before starting work as part of the contractor induction process.

The training will consist of details about:

- What we store and where we store them
- Physical fire prevention measures already in place
- Restrictions on the use of any equipment, tools, processes, or electronics and where the restrictions apply
- Location of fire alarm call points (manual and automatic)
- Location of, when to use, and how to use firefighting equipment
- Where the nearest Fire and Rescue Service is, how far away they are and what information to give them in the first instance, so they arrive correctly prepared for the hazards of the site.
- Steps that must be taken in case of fire
- Fire exits, muster points and when an evacuation might be called even if there is no fire.

Testing of the Fire plan will be undertaken every 6 months, incorporated into a larger accident/spill response training/testing. The plan will be reviewed annually, and any improvements identified and communicated.

## **Fire prevention plan contents**

### **Activities at the site**

Acceptance of packaged hazardous waste and non-hazardous waste

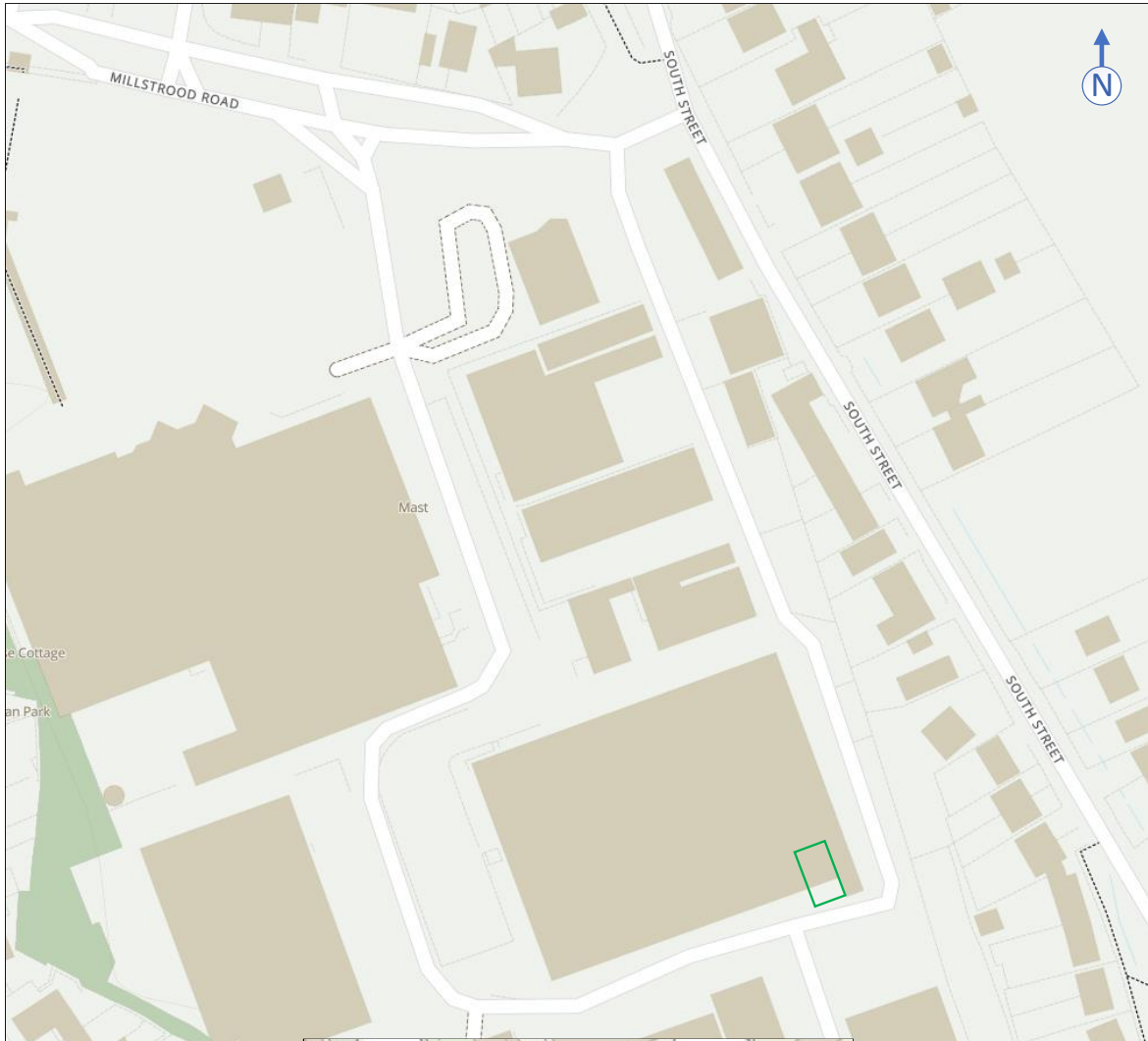
Storage of packaged hazardous waste and non-hazardous waste, in segregated bund areas, segregated by primary hazard

Bulking, blending, repackaging, dissolution and treatment of packaged hazardous and non-hazardous waste, to maximise disposal efficiency, or meet disposal emissions criteria

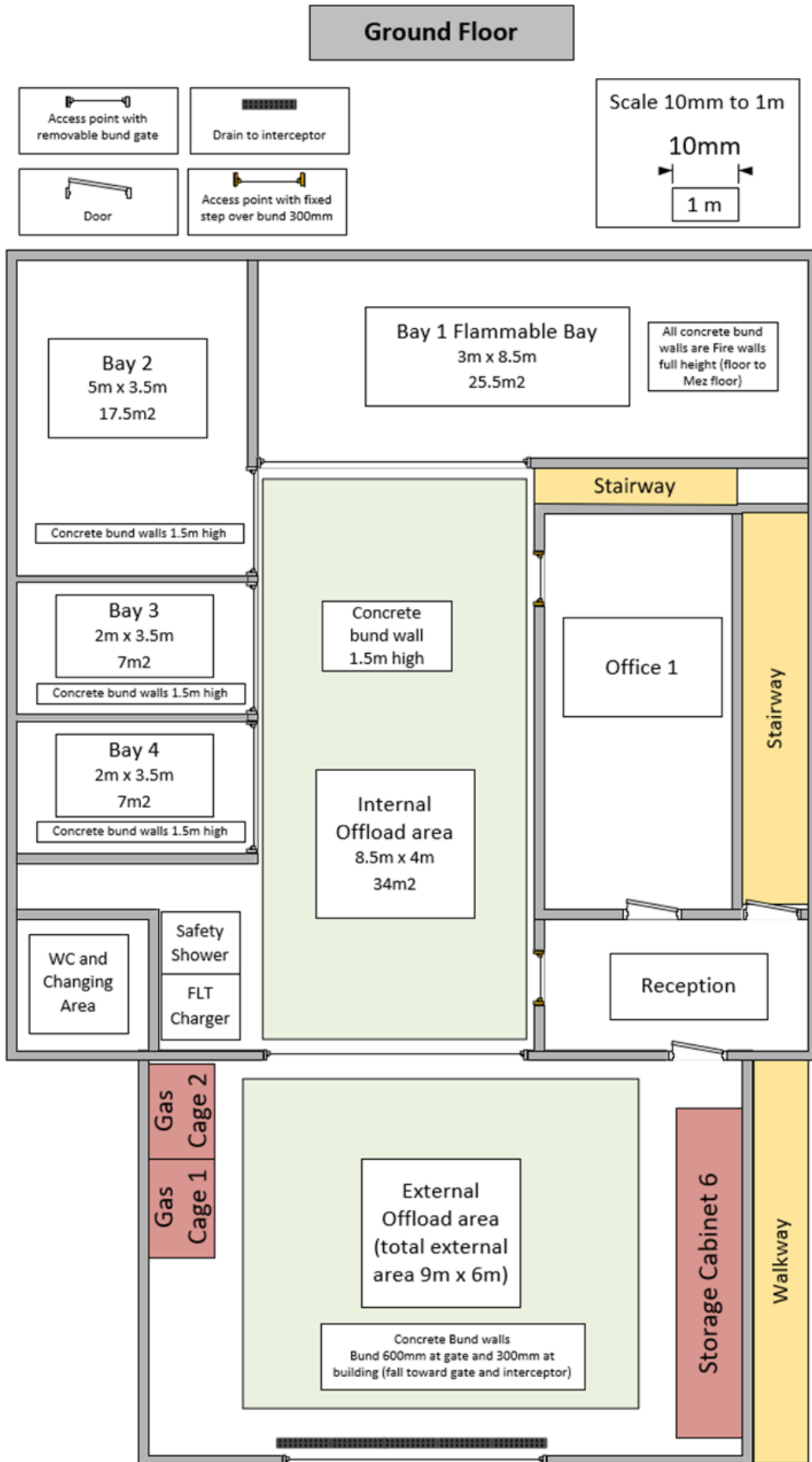
Dispatch to appropriate disposal processes of hazardous and non-hazardous waste

**Site plan**

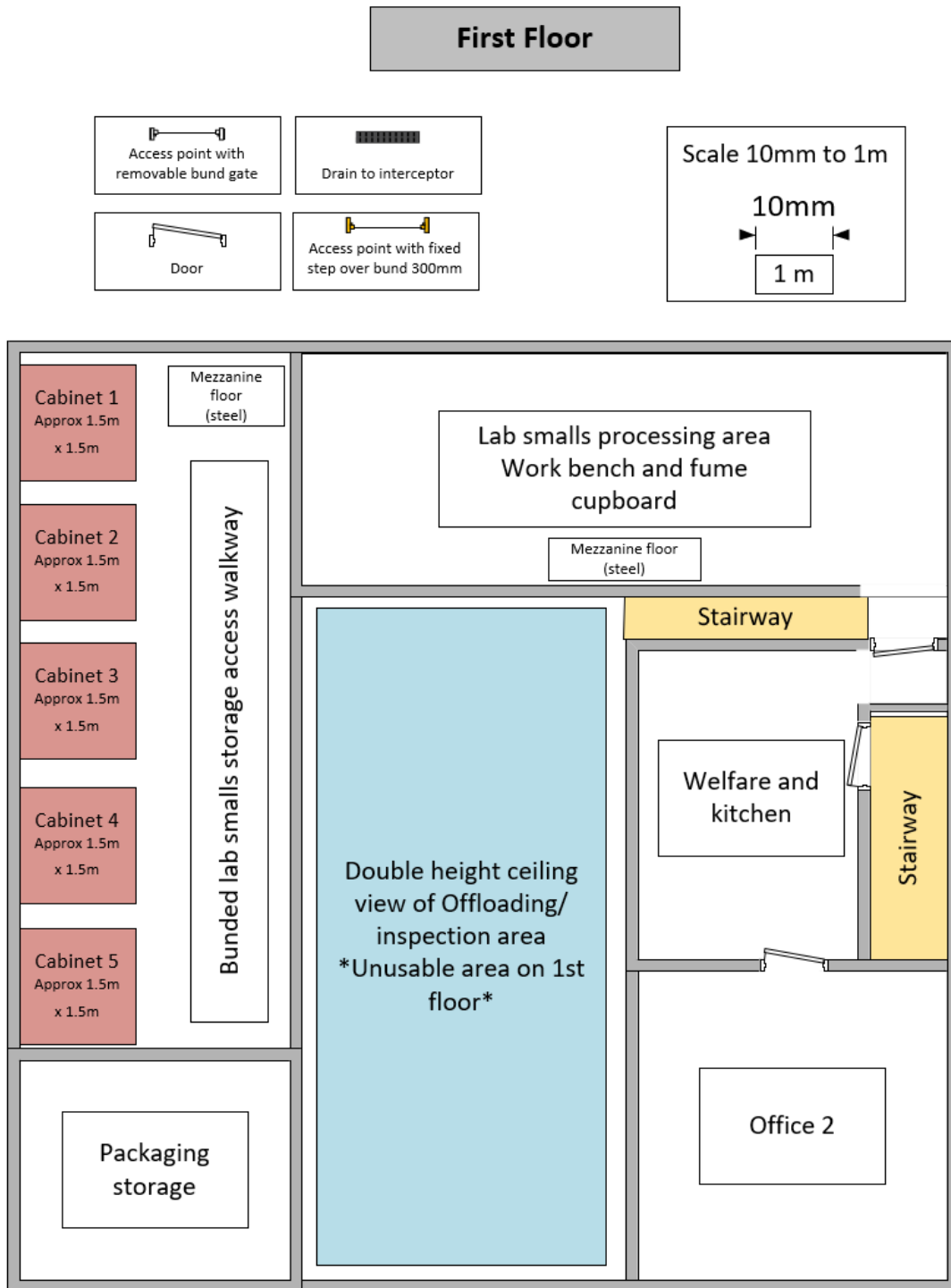
Site location



Site plan – ground floor



Site plan – First Floor





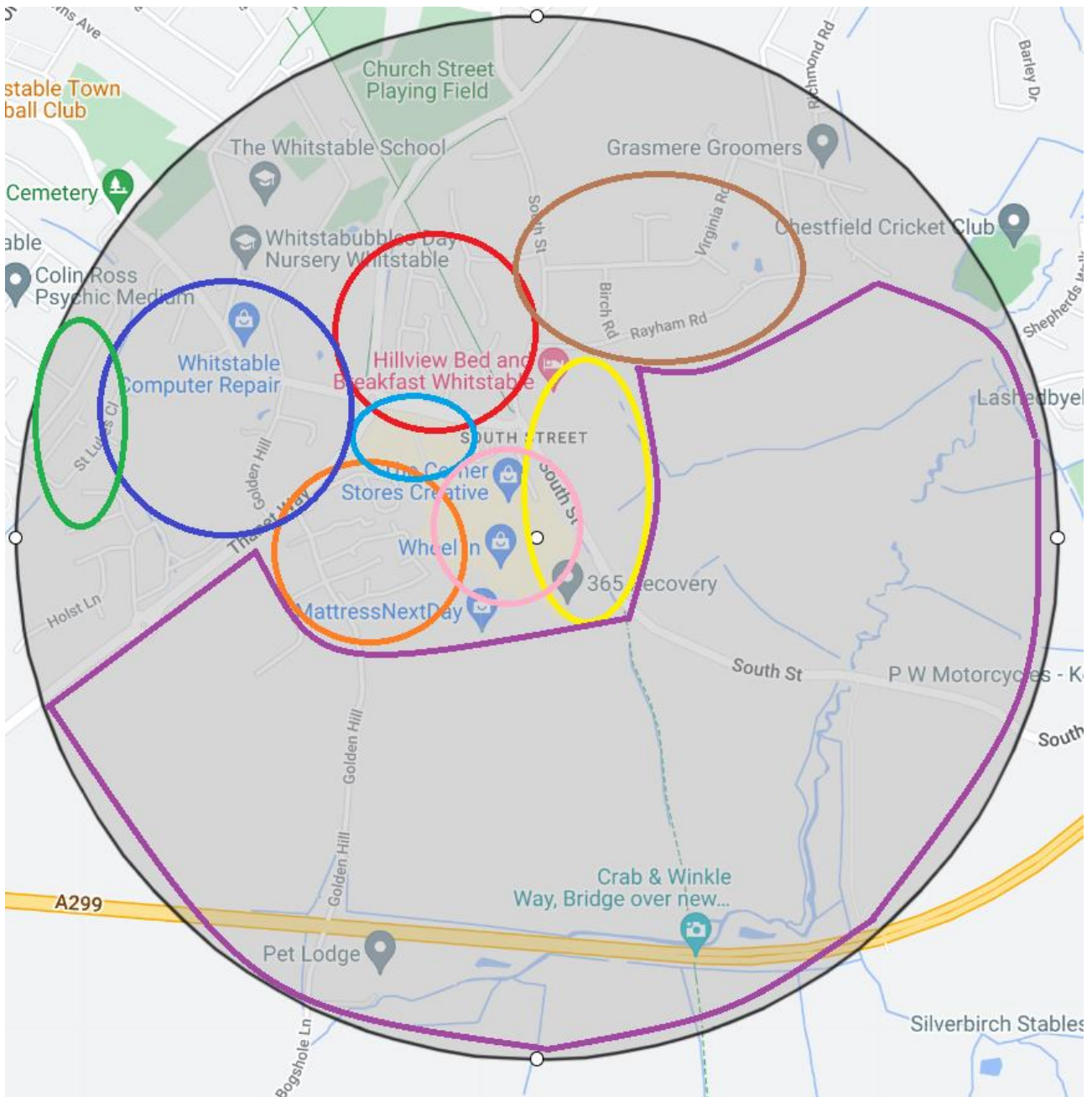
**Plan of sensitive receptors near the site**

Receptor	Land use e.g. house, school, hospital, commercial	Direction from site (North, South, East, West)	Approximate distance to site boundary (m), up to 1km
<b>Outside Joseph Wilson Industrial Estate</b>			
Whitstabubbles Day Nursery	Nursery	North West	760m
The Whitstable School	School	North West	820m
South Street	Residential area	East	55m (to nearest boundary)
Golden Hill	Residential area	West	100m (to nearest boundary)
Thanet Way	Residential area	North	242m (to nearest boundary)
Virginia Road	Residential area	North East	335m (to nearest boundary)
Milstrood Road	Residential area	North West	475m (to nearest boundary)
St. Luke's Close	Residential area	West	800m (to nearest boundary)
Farm land	Agriculture	East through to South	105m (to nearest Boundary)
Pet Lodge	Commercial	South	890m
Grassmere Groomers	Commercial	North East	895m
Whitstable Computer Repair	Commercial	North West	670m
Hillview Bed & Breakfast	Residential/commercial	North	280m
AJ Colley Plumbing & Heating	Residential/commercial	North West	526m
SPJ Heating & Plumbing	Residential/commercial	North West	540m
Whitstable Woofers	Residential/commercial	West	457m
Primrose Cottage Caravan Park	Residential/commercial	West	255m to boundary
Whitstable Sports Centre	Commercial	North West	755m to boundary
Ellore Jewelry	Residential/commercial	North	535m
JBM Electrical Wholesale	Residential/commercial	North	525m
<b>Inside Joseph Wilson Industrial Estate</b>			
Tesco	Commercial	North	113m
Unit 1 All Waste Matters	Commercial	Current permitted premises	Within 280m
Unit 2 Empty		Proposed permitted premises	Within 280m
Unit 3/ 2A New Perspective	Commercial	Surrounding	Within 280m
Unit 4/5/6 Mewett Polyurethane Ltd	Commercial	Surrounding	Within 280m
Unit 7 Cat Automotive Ltd	Commercial	Surrounding	Within 280m
Unit 8 S2 Martial Arts/ Limelight Stage School	Commercial	Surrounding	Within 280m
Unit 9/10/11/12 Swegon Air Man Ltd	Commercial	Surrounding	Within 280m
Unit 13 Carol Foster Ceramics	Commercial	Surrounding	Within 280m
Unit 14/15 BSK Engineering	Commercial	Surrounding	Within 280m
<b>Berry House</b>			
Unit 1/2/3 BSK Engineering	Commercial	Surrounding	Within 280m
<b>The Old Wood Yard</b>			
Unit 1 Auto Smart	Commercial	Surrounding	Within 280m
Unit 2 The Stanley Hound	Commercial	Surrounding	Within 280m

Unit 3 Star Enterprises	Commercial	Surrounding	Within 280m
Unit 4 Unknown	Commercial	Surrounding	Within 280m
Unit 5 Unknown	Commercial	Surrounding	Within 280m
Unit 6 Fensa	Commercial	Surrounding	Within 280m
Unit 7 Empty		Surrounding	Within 280m
Unit 8 BSK Engineering	Commercial	Surrounding	Within 280m
Unit 1C E Revell & Son Ltd	Commercial	Surrounding	Within 280m
Unit 1B Contemporary Fencing	Commercial	Surrounding	Within 280m
Unit F&G Denmark Engineering	Commercial	Surrounding	Within 280m
Unit E Europa Home Improvements	Commercial	Surrounding	Within 280m
Unit D John Taylor & Green Ltd	Commercial	Surrounding	Within 280m
Unit C NES Work Wear Ltd	Commercial	Surrounding	Within 280m
<b>Jagow House</b>			
1. Dan Brown & Gwyn Faldpe Osteopathic Clinic	Commercial	Surrounding	Within 280m
2. Advanced Site Solutions	Commercial	Surrounding	Within 280m
3. Cruse Bereavement Care	Commercial	Surrounding	Within 280m
4. Chestfield Parish Council	Local Government	Surrounding	Within 280m
5. Mortgages & More	Commercial	Surrounding	Within 280m
6. Reputation Builder	Commercial	Surrounding	Within 280m
7. Acorn Insurance	Commercial	Surrounding	Within 280m
8. Kite Homes	Commercial	Surrounding	Within 280m
9. Davies Financial Planning Ltd	Commercial	Surrounding	Within 280m
13 B Canterbury Business Equipment	Commercial	Surrounding	Within 280m
Unit 16 W.M.Foad Removals	Commercial	Surrounding	Within 280m
Unit 17 Invicta Couriers	Commercial	Surrounding	Within 280m
Unit 18 Invicta Couriers	Commercial	Surrounding	Within 280m
Unit 19 Vehicle Colour Tech	Commercial	Surrounding	Within 280m
Unit 20 Whitstable Metal	Commercial	Surrounding	Within 280m
Unit 21 Whitstable Metal	Commercial	Surrounding	Within 280m
Unit 22 365 Recovery	Commercial	Surrounding	Within 280m
Unit 23 J&K Sheet Metal	Commercial	Surrounding	Within 280m
Unit 24 J&K Sheet Metal	Commercial	Surrounding	Within 280m
Unit 25 County Moves Ltd	Commercial	Surrounding	Within 280m
Unit 26 Riverdale Interiors	Commercial	Surrounding	Within 280m
Unit 27 Duplex Cleaning Machines Ltd	Commercial	Surrounding	Within 280m
Unit 28 Interactive Manufacturing Ltd	Commercial	Surrounding	Within 280m
Unit 29 Canterbury Food Bank	Commercial	Surrounding	Within 280m
Unit 30 Medway Cutters	Commercial	Surrounding	Within 280m
Unit 31 A+J Services Ltd	Commercial	Surrounding	Within 280m
Unit 31A Thanet Wholesale Fruit & Veg	Commercial	Surrounding	Within 280m
Unit 32 Grease Tech	Commercial	Surrounding	Within 280m

Unit 33 Unknown	Commercial	Surrounding	Within 280m
Unit 34 Albion House	Commercial	Surrounding	Within 280m
Unit 35 Albion House	Commercial	Surrounding	Within 280m
Unit 36 Albion House	Commercial	Surrounding	Within 280m
Unit 37 Bed4Us	Commercial	Surrounding	Within 280m
Unit 38 JSKM	Commercial	Surrounding	Within 280m
Unit 39 JSKM	Commercial	Surrounding	Within 280m
Unit 40 JSKM	Commercial	Surrounding	Within 280m
Unit 41 ENSTAND	Commercial	Surrounding	Within 280m
Unit 42 ENSTAND	Commercial	Surrounding	Within 280m
Unit 43 Wheel In	Commercial	Surrounding	Within 280m
Unit 45A Battel Sector	Commercial	Surrounding	Within 280m
Unit 45B Unknown	Commercial	Surrounding	Within 280m
Unit 45C Victoria Garage	Commercial	Surrounding	Within 280m
Unit 46 Woods Laminates Carpets	Commercial	Surrounding	Within 280m
Unit 47A Unknown	Commercial	Surrounding	Within 280m
Unit 47 North Quay Trading	Commercial	Surrounding	Within 280m
<b>New Units</b>			
Hills Home+Garden	Commercial	Surrounding	Within 280m
Unit 101 Empty		Surrounding	Within 280m
Unit 102 My Estate Holdings	Commercial	Surrounding	Within 280m
Unit 103 Empty		Surrounding	Within 280m
Unit 104 Empty		Surrounding	Within 280m
Unit 105 Empty		Surrounding	Within 280m
Unit 106 Chapter 4 Ltd	Commercial	Surrounding	Within 280m
Unit 107 Amazing Glazing	Commercial	Surrounding	Within 280m
Unit 108 Amazing Glazing	Commercial	Surrounding	Within 280m
Unit 109 Energy Savings Solutions	Commercial	Surrounding	Within 280m
Unit 110 Empty		Surrounding	Within 280m
Unit 111 Solis Green Solutions	Commercial	Surrounding	Within 280m
Unit 112 LS Scientific Ltd	Commercial	Surrounding	Within 280m
Unit 113 Empty		Surrounding	Within 280m
Unit 114 Margo Selby	Commercial	Surrounding	Within 280m
Unit 115 Margo Selby	Commercial	Surrounding	Within 280m
Mattresses Next Day	Commercial	Surrounding	Within 280m
Unit 125 Empty		Surrounding	Within 280m
Unit 124 PressOn Automotive	Commercial	Surrounding	Within 280m
Unit 123 PressOn Automotive	Commercial	Surrounding	Within 280m
Unit 122 Empty		Surrounding	Within 280m
Unit 121 Empty		Surrounding	Within 280m
Unit 120 Hytorc	Commercial	Surrounding	Within 280m
Unit 119 Unknown		Surrounding	Within 280m
Unit 118 Empty		Surrounding	Within 280m
Unit 117 Empty		Surrounding	Within 280m
Unit 126 PressOn Automotive	Commercial	Surrounding	Within 280m
Unit 127 PressOn Automotive	Commercial	Surrounding	Within 280m
Unit 128 Island Marine International Ltd	Commercial	Surrounding	Within 280m

Unit 129 Island Marine International Ltd	Commercial	Surrounding	Within 280m
Unit 130 Wilsons Plumbing Heating	Commercial	Surrounding	Within 280m
Unit 131 Empty		Surrounding	Within 280m
Unit 132 Empty		Surrounding	Within 280m
Unit 133 Empty		Surrounding	Within 280m
Unit 134 Empty		Surrounding	Within 280m
<b>Whitstable Enterprise Centre</b>			
Unit 74 Empty		Surrounding	Within 280m
Unit 72 Pro Fit blinds	Commercial	Surrounding	Within 280m
Unit 70 Aquagas	Commercial	Surrounding	Within 280m
Unit 68 Empty		Surrounding	Within 280m
Unit 66 DG Glazing	Commercial	Surrounding	Within 280m
Unit 64 Unknown	Commercial	Surrounding	Within 280m
Unit 75 Empty		Surrounding	Within 280m
Unit 73 Empty		Surrounding	Within 280m
Unit 71 Empty		Surrounding	Within 280m
Unit 69 Empty		Surrounding	Within 280m
Unit 67 Empty		Surrounding	Within 280m
Unit 65 Empty		Surrounding	Within 280m
Unit 63 Whitstable Taxis	Commercial	Surrounding	Within 280m
Unit 61 Unknown		Surrounding	Within 280m
<b>Whitstable Enterprise Centre</b>			
Unit 59 Empty		Surrounding	Within 280m
Unit 57 Empty		Surrounding	Within 280m
Unit 55 Empty		Surrounding	Within 280m
Unit 53 Empty		Surrounding	Within 280m
Unit 51 Unknown	Commercial	Surrounding	Within 280m
Unit 49 Empty		Surrounding	Within 280m
Unit 62 Solar Shield Blinds	Commercial	Surrounding	Within 280m
Unit 60 Empty		Surrounding	Within 280m
Unit 58 Unknown	Commercial	Surrounding	Within 280m
Unit 56 Practise Rooms	Commercial	Surrounding	Within 280m
Unit 54 Empty		Surrounding	Within 280m
Unit 52 Empty		Surrounding	Within 280m
Unit 50 Eternal Energy	Commercial	Surrounding	Within 280m
Unit 48 Empty		Surrounding	Within 280m



### Manage common causes of fire

#### Arson

- Site will operate a 24hr CCTV system, monitored by an external contracting company. Cameras face the gate, unit shutter door and site office.
- Flood lights are installed on the front with motion sensors
- Access to the site is through the front gate only with a separate pedestrian gate. The access gate has a call button to alert site and office staff of visitors or deliveries.
- The external yard is surrounded by palisade fencing.
- Internal temperature sensors will activate the fire alarm automatically.

#### Plant and equipment

Site operates a single FLT vehicle. Site personnel are trained and will conduct a daily check of all its systems and operations, performing any maintenance they have been trained to do (water, oils, removing any build up

of materials [discarded shrink wrap etc]). Routine maintenance is contracted to the FLT provider and conducted on an arranged schedule or at predetermined usage hours.

The FLT will be fitted with a 2kg powder extinguisher.

Only waste delivery vehicles are permitted into the reception area and as such will all carry as a minimum 1x 2kg powder fire extinguishers (as per ADR 2023 Vol 2, 8.1.4.2).

### **Electrical faults including damaged or exposed electrical cables**

Any identified faults of exposed cables will be barriered off immediately and the system/ equipment isolated where possible. Repair will be by a certified, competent contractor.

### **Electrics certification**

Electrical certification will be made before the site becomes operational in accepting waste. Recertification will be performed after any alteration, repair or other change, as well as on any schedule as required by local building control.

### **Electrical equipment maintenance arrangements**

Regular maintenance, alterations, repairs, or replacement of all electrical equipment is contracted to a suitably qualified, competent electrical contractor and correctly certified.

All portable appliances will be tested annually by a suitably qualified competent electrical contractor.

### **Discarded smoking materials**

A suitable container is installed at the appropriate area for smoking. This will be indicated in the site induction to all staff, visitors, contractors, and drivers.

### **Smoking on site policies**

There is no smoking, or e-cigarette use permitted on site in any location or circumstance.

This includes the unit building, the reception area/ yard and site offices. We will advise visitors, contractors, and drivers that we also won't accept smoking at the site gates or near the fencing. This will be communicated using the site induction and signage.

### **Hot works safe working practices**

Hot works are strictly controlled by a permit to work system. Contractors will be advised of this and its requirements in the planning of any task that requires hot works, and in the site induction.

Where hot works need to take place in a storage area, the area will be emptied of all waste and inspected to ensure no residues remain. The areas will be barriered and hot work protective curtains/sheets put in place.

A fire watch is posted during the hot work and will remain after works have finished for at least 30 mins, but preferably 60 minutes. The fire watch must be equipped with hot works PPE, water supply and fire extinguisher.

### **Industrial heaters**

#### **Use of industrial heaters**

The unit is not fitted with industrial heaters, so this section does not apply.

### **Hot exhausts and engine parts**

The site FLT is a battery electric vehicle, so has no hot exhaust. Hot components are all covered by body panels.

Combustion engine vehicles are only permitted in the reception area and must have their engines switched off prior to loading/unloading.

Delivery vehicles that are showing signs of overheating, have hot engine parts/exhausts not covered by body panels or having overheating brakes will be parked outside the premises until the parts have cooled.

### **Fire watch procedures**

Where hot works cannot be completed in a safe area and must be performed in or near a storage area a fire watch must be used.

A fire watch is posted during the hot work and will remain after works have finished for at least 30 mins, but preferably 60 mins. The fire watch must be equipped with hot works PPE, water supply and fire extinguisher.

### **Ignition sources**

Naked flames, space heaters, furnaces, personal electronics (phones etc) are not permitted in the unit building at all or in the reception area/ yard when waste is being handled or is out of storage.

The flammable waste storage area has no electrics fitted and its automatic fire suppression system is heat activated and powered by compressed CO<sub>2</sub>.

The office has IT and facilities equipment along with convection heaters and is separated by the office structure. No doors or windows will open into a storage area.

### **Batteries**

Waste batteries are only accepted on site if they have been:

- Sorted and packed by a AWM staff member, usually a Chemist, who has been trained in the assessment, packing, transport & storage of batteries procedure.
- A client who has received training in the assessment, packing, transport & storage of batteries procedure, and confirmed their compliance in the procedure for any batteries received from them. The packages are inspected before loading to ensure compliance.

This procedure lays out the types of batteries and the segregation required by their chemistry and how to safely package them.

Lithium batteries have additional packing measures to prevent short circuits and prevent fire.

All batteries received at AWM are inspected upon arrival as soon as possible, with any issues rectified immediately.

Waste Lithium batteries are stored within a fire-resistant container, and we aim to send them for disposal or recycling within 2 working weeks.

Any damaged Lithium batteries are packed in dry sand, in a corrosion resistant inner package, then inert insulating filler, and then a fire resistant over pack and isolated (preferably at the producers location) for a minimum of 2 weeks or until disposal can be arranged.

### **Batteries in end-of-life vehicles (ELVs)**

We do not accept or process ELVs, so this section does not apply.

### **Leaks and spillages of oils and fuels**

No ELVs accepted on site. Site vehicles are limited to electric FLT's so no fuels can be spilt. FLT's will have daily pre-use checks so any oil leaks will be detected, cleaned up and a repair organised and actioned before it can be used

Spills will be cleaned using the nearest appropriate spill kit, in accordance with the Spill Response Plan.

Contaminated spill material will be disposed of to the appropriate outlet depending on the hazard of the spill material.

### **Build-up of loose combustible waste, dust and fluff**

Loose combustible wastes are not expected to build up as all wastes will arrive and be stored in containers.

Dust, delivered as waste, will be in containers and any handling of dusts will take place under LEV. Any spilt dusts will be swept up and cleaned immediately.

Road/ environmental dust is monitored via daily site inspections and any accumulation of dust will be cleaned as soon as possible.

A build-up of fluff is not expected to occur.

### **Reactions between wastes**

All waste is stored in segregated, separately banded bays, allocated based on the waste's composition and chemistry. The pre-acceptance process identifies what class of hazard the waste is, which forms part of the acceptance checks process. Wastes are stored in individual containers. Any mixing, blending, or bulking of waste is subject to a desktop, and then sample-based compatibility check, with temperature monitoring, before any waste is processed.

### **Waste acceptance and deposited hot loads**

Hot loads are not accepted.

Wastes that also require storage or transport at low or elevated temperatures will be determined at pre-acceptance and declined, so this section does not apply.

Delivered wastes are checked on arrival for any contaminants and oils and rags/cloths soaked in oils or other combustibles are clearly labelled and expected.

### **Hot and dry weather**

All wastes are stored under cover, minimising the heating effect of the sun.

The storage cabinet 6 is a closed steel container to slow spread of fire, but this will also reduce heating by the sun. The cabinet is also painted a light colour to further reduce heating.

Storage cages 1 are open sided steel cages with a solid roof, allowing dissipation of any built up gases or warmed air, while providing shade. the roof is painted a light colour to further reduce heating.

Storage containers that hold wastes that are liable to self-heating or spontaneous ignition in the right conditions will be temperature monitored.

Where exceptionally high temperatures are forecast, we will minimise the amount of waste held on site that could cause concern. Where we cannot dispose of these wastes, we will take extra measures to reduce heat build-up such as

- extra shading/sheeting
- have staff remain on site longer to keep the main shutter door or cabinet doors open longer to allow hot air to dissipate, while maintaining security.
- In extreme cases, the use of ice or air conditioning could be used to cool smaller waste items to maintain their stability.



## **Prevent self-combustion**

### **General self-combustion measures**

All waste is stored in containers, limiting 'pile' size.

Containers are stacked no more than 2 high (IBCs and drums) or 2m high if smaller containers.

All wastes are stored under cover lessening the effects of external heating.

Containers are stored palletised and with an inspection gap of 700mm or more, limiting radiating heat from one container to another and allowing a convection air current to move through and dissipate heat build-up.

## **Manage storage time**

### **Method used to record and manage the storage of all waste on site**

Storage of wastes on site is recorded in the Bay log which is updated daily with incoming, outgoing, and processed waste. It records all relevant details about the waste and the delivery that it arrived on.

It automatically highlights wastes that are approaching the 6-month time limit for storage.

### **Stock rotation policy**

Stack size is far below maximum dimensions permitted, with large spaces between containers. Inspection gaps between mean that all wastes are locatable and identifiable. This means stock rotation shouldn't be required as older wastes are identifiable on the stock system and in the storage areas, so any ageing wastes approaching the 6-month limit, can be promptly disposed of.

## **Monitor and control temperature**

### **Reduce the exposed metal content and proportion of 'fines'**

All wastes are stored under cover and in containers, reducing exposed metal content to near zero.

### **Monitoring temperature**

Storage cabinets that hold waste liable to spontaneous combustion or Self-accelerating decomposition, will be fitted with internal temperature probes, readable low voltage LCD from the outside. Wastes that have a Self-accelerating decomposition temperature of <55°C will be identified at pre-acceptance and declined for storage at AWM. Similarly, any waste requiring temperature-controlled storage will be declined.

### **Controlling temperature**

All wastes are stored under cover and in containers, lessening the effects of external heating.

Containers are stored palletised and with an inspection gap of 700mm or more, limiting radiating heat from one container to another and allowing a convection air current to move through and dissipate heat build-up.

### **Dealing with hot weather and heating from sunlight**

All wastes are stored under cover, minimising the heating effect of the sun.

The flammable storage cabinet is insulated to prevent spread of fire, but this will also reduce heating by the sun. The cabinet is also painted a light colour to further reduce heating.

Storage containers that hold wastes that are liable to self-heating or spontaneous ignition in the right conditions will be temperature monitored.

Where exceptionally high temperatures are forecast, we will minimise the amount of waste held on site that could become problematic. Where we cannot dispose of these wastes, we will take extra measures to reduce heat build-up such as

- extra shading/sheeting
- have staff remain on site longer to keep the main shutter door or cabinet doors open longer to allow hot air to dissipate, while maintaining security.
- In extreme cases, the use of ice or air conditioning could be used to cool smaller waste items to maintain their stability.

**Waste bale storage**

Waste is stored in containers, so this section does not apply.

**Manage waste piles**

**Storing waste materials in their largest form**

Waste will be rarely processed into smaller sizes as this usually negates disposal efficiency. Where waste must be broken down into small amounts, the overall volume of material is sufficiently small to cause no further issue. All wastes are contained in packaging suitable to their hazards and intended disposal route.

**Maximum pile sizes for the waste on your site**

Maximum pile size does not apply as all waste is stored in containers.

**Where maximum pile sizes do not apply**

**Whole ELVs**

Does not apply as we do not accept ELVs.

**Procedures for storing whole end of life vehicles**

Does not apply as we do not accept ELVs.

**Waste stored in containers**

**Types of containers you are using**

Containers used are:

	Size and type	Material	Used to store
<b>UN approved transport containers</b>	<ul style="list-style-type: none"> <li>• IBCs, IBC tote tanks, 205L tite head and open head (cliptop) drums</li> <li>• 150-120L 205L tite head and open head (cliptop) drums</li> <li>• 60L tite head and open head (cliptop) drums</li> <li>• 25L tite head and open head (cliptop) drums</li> <li>• 10-1L tite head and open head (cliptop or screw cap) drums</li> <li>• cardboard boxes</li> </ul>	HDPE, mild steel, stainless steel as appropriate to the waste and disposal criteria	All waste that is classified as dangerous for transport (class 1, 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6, 7, 8, 9) but non-flammable, liquids, or wastes that require containment to meet permit conditions (e.g., dusty wastes)
<b>Non UN approved</b>	<ul style="list-style-type: none"> <li>• packing crates</li> </ul>	Wood, plastic, Cardboard	Wastes that are classified as non-dangerous for

<b>transport containers</b>	<ul style="list-style-type: none"> <li>• pallets</li> <li>• boxes</li> </ul>		transport, or dangerous for transport but specified in ADR as not requiring UN approved packaging (e.g., Lead acid batteries)
<b>Site storage containers</b>	<ul style="list-style-type: none"> <li>• Self-bunded storage cabinets, non-fire rated</li> <li>• Self-bunded storage cabinets, fire rated</li> </ul>	Mild steel	Flammable and high hazard wastes (liquid and solid), classes 1, 3, 4.1, 4.2, 4.3, 5.2, 7, and Mercury containing items

**Accessibility of containers**

All wastes, in any container, are stored on pallets, or a pallet forms part of the container. The self-bunded storage cabinets are fitted with FLT pockets.

Wastes in storage bays are positioned in rows, stacked no more than 2 pallets high. Access ways between bays are always kept clear, and each row can be accessed from the front as a minimum. Ground floor bays are a minimum of 5m deep, allowing 4 standard pallets in a row (8 when double stacked)

**Moving containers in a fire**

Should an incident occur, that could escalate into a fire, we will move other containers at risk of ignition out of the affected bay, if we assess the situation currently to be safe to do so, to address the incident.

If a fire has developed, we will move containers at risk of ignition out of the affected bay only if their presence will escalate the situation, threaten the containment, or is directly in the way of active firefighting, and only if the risk in doing so is acceptable.

Where containers in an adjacent bay represent a significant additional hazard should the fire spread, we will assess the risk of not acting against the risk of acting and act accordingly.

At any time, should the Fire and Rescue Service require containers to be moved, we will do so as directed by them.

Items moved will be moved into the quarantine bay. Any quarantined items in the bay will be removed immediately.

**Prevent fire spreading**

**Separation distances**

Correct separation distances will be achieved by use of concrete fire walls between storage bays. Wastes that may have adverse reactions are in separately bunded bays.

**Fire walls construction standards**

Walls are constructed from concrete block work (or prestressed horizontal panels held in concrete posts. Joints will be sealed with intumescent strips) mounted on top of the concrete bunding. Walls are 100mm thick

**Storing waste in bays**

- Stack size is far below maximum dimensions permitted, with large spaces between containers. Inspection gaps between mean that all wastes are locatable and identifiable. This means stock rotation

shouldn't be required as older wastes are identifiable on the stock system and in the storage areas, so any ageing wastes can be promptly disposed of.

- Inspection gaps of 700mm minimum between rows within bays allow access to the entire bay stock, so temperatures of individual containers can be checked and monitored as required.
- The mezzanine floor has a height of 2.84m to the underside. Fire walls will be built to the maximum height possible.
- Fire walls will be built to the maximum height under the mezzanine floor. The mezzanine floor and walls will therefore encapsulate each ground floor bay. Litter will be controlled by way of daily walkaround checks reducing opportunity for material that could be ignited to build up. High Hazard wastes are stored in fireproof containers and gases are stored outside.
- Stacks of containers will be no higher than 2.0m, giving freeboard of 0.84 m, the height of 2.0m will be painted on all sides of the firewalls
- Should an incident occur that could escalate into a fire, we will move other containers at risk of ignition out of the affected bay, if we assess the situation currently to be safe to do so, in order to address the incident.

If a fire has developed, we will move containers at risk of ignition out of the affected bay only if their presence will escalate the situation, threaten the containment, or is directly in the way of active firefighting, and only if the risk in doing so is acceptable.

Where containers in an adjacent bay represent a significant additional hazard should the fire spread, we will assess the risk of not acting against the risk of acting and act accordingly.

At any time, should the Fire and Rescue Service require containers to be moved, we will do so as directed by them.

- Items moved will be moved into the quarantine bay. Any quarantined items in the bay will be removed immediately.

## **Quarantine area**

### **Quarantine area location and size**

The quarantine bay can hold 8 pallet equivalents, potentially 8000m<sup>3</sup>, is a steel sided and individually banded storage container.

### **How to use the quarantine area if there is a fire**

Should an incident arise that could escalate into a fire, we will move other containers at risk of ignition out of the affected bay, if we assess the situation currently to be safe to do so, in order to address the incident.

If a fire has developed, we will move containers at risk of ignition out of the affected bay only if their presence will escalate the situation, threaten the containment, or is directly in the way of active firefighting, and only if the risk in doing so is acceptable.

If a waste item has ignited or has started an uncontrolled reaction that could lead to ignition or has reached its SADT (if it has one), it can be moved to the quarantine bay to isolate it while the fire/situation is tackled. This will be assessed and performed as soon as possible.

### **Procedure to remove material stored temporarily if there is a fire**

Any quarantined waste that is stored in the quarantine bay, will be removed immediately at detection of a fire and placed into the reception area, and marked as under quarantine. The waste storage records will be updated as soon as practical.

As part of the information given to the Fire and Rescue Service, if they attend, will we include that we have quarantined waste in a reception area, along with any information we have about it.

## **Detecting fires**

### **Detection systems in use**

In the offices are conventional smoke alarm systems for the detection of fire, rated to or above current UK requirements.

In cabinets containing any organic peroxides, spontaneously combustible materials or water reactive materials there are automatic temperature alarms to alert staff of rising temperatures.

In Bay 1, which is primarily used for the storage of flammable wastes are more advanced detection systems thermal imaging cameras are utilised both outside and inside the bay to detect temperature increases.

Due to limitations in the cameras field of view more conventional gas detection systems are also used in each storage bay.

Additionally there are manual alert systems should staff or visitors detect a fire before any automated systems detect a fire. There are break glass alarms located in the lab smalls processing area of the mezzanine, on the ground floor offloading area of site and in each office and reception area.

### **Certification for the systems**

All systems are certified to the latest UK standards and maintained on annual service plans with daily and monthly checks performed by qualified members of staff.

Certification of these systems can be found in relevant site filing system folder.

## **Suppressing fires**

### **Suppression systems in use**

In all storage cabinet and storage bays are automated single use suppression systems. 10Kg Ceiling Mounted, ABC Powder, Automatic Fire Suppression System, 90% Mono Ammonium Phosphate with a temperature range of -30°C - +60°C, certified for 5 years at which point we will replace them.

In addition, storage bay 2 has an automated sprinkler system rated to BS EN 12845:2015

### **Certification for the systems**

Certification and service plans for all systems can be found in the relevant site filing system folder.

Sprinkler systems are rated to BS EN 12845:2015.

## **Firefighting techniques**

### **Active firefighting**

Resources available for active firefighting:

- Powder fire extinguishers
- Fire hose reel connected to mains water supply
- FLT with handling attachments for manipulation of single drums
- Minimum of 2 staff members on site with knowledge, experience, and training to handle hazardous wastes, the layout of the storage areas and the wastes stored.
- Shovels and other hand tools to move/extinguish any loose lighted material ejected from a fire, to prevent spread

Techniques that can be employed to fight a fire or control spread include:

- Moving ignited containers, or those at risk of igniting to quarantine
- Moving containers to allow access to a fire
- Using water to cool heated containers, or quench burning containers
- Extinguishing any burning material ejected from a fire to prevent spread
- Using bay bund gates to contain burning liquid/fire fighting water

**Water supplies**

**Available water supply**

AWM has access to mains water supply.

**Show the calculation for your required water supply**

Maximum pile volume in cubic metres	Water supply needed in litres per minute	Overall water supply needed over 3 hours in litres	Total water available on site in litres
Enter volume, for example, 300	Pile volume x 6.67	Water supply per minute x 180	
29.7 m <sup>3</sup>	198.1L/m	35,658L	Mains supply only

**Managing fire water**

**Containing the run-off from fire water**

Storage bay/ area	Bunded volume	Additional sumps
Bay 1	7.6m <sup>3</sup>	N/A
Bay 2	5.25m <sup>3</sup>	N/A
Bay 3	2.1m <sup>3</sup>	N/A
Bay 4	2.1m <sup>3</sup>	N/A
Internal building bund	13.5m <sup>3</sup>	N/A
<b>Unit 2 internal total</b>	<b>30.55m<sup>3</sup></b>	
Underground interceptor volume	34.375m <sup>3</sup>	N/A
External yard bund	15.3m <sup>3</sup>	N/A
<b>External yard total</b>	<b>49.675m<sup>3</sup></b>	
<b>Site total bund volume</b>	<b>80.225m<sup>3</sup></b>	

## During and after an incident

### Dealing with issues during a fire

Incoming wastes will be either diverted to an alternative transfer station/disposal route, or where this is not possible, returned to the producer pending recollection.

Staff who can work at home, will do so and will be provided with additional resources. Their primary focus during the incident will be liaising with producers, carriers and alternative disposal routes for wastes that are already on route. They will also work with producers/carriers and disposal routes rescheduling future collections, diverting away from AWM until such time normal operations can recommence.

Site Management and operations staff when no longer involved in the initial response, will remain at site to provide all assistance required. They will also begin planning to recover, decontaminate and clear the site once the incident is over.

### Notifying residents and businesses

Nearby businesses that will be notified:

Businesses	Address	Contact telephone number
<b>Businesses outside Joseph Wilson Estate</b>		
Whitstabubbles Day Nursery	Bellevue Rd, Whitstable, CT5 1PY	<a href="tel:07722142330">07722 142330</a>
The Whitstable School	Bellevue Rd, Whitstable, CT5 1PX	<a href="tel:01227931300">01227 931300</a>
Pet Lodge	Bogshole Farm Bogshole Ln, Whitstable, CT5 3AS	<a href="tel:01227281827">01227 281827</a>
Grassmere Groomers	76 Grassmere Rd, Whitstable, CT5 3PL	<a href="tel:07900243487">07900 243487</a>
Whitstable Computer Repair	108 Millstrood Rd, Whitstable, CT5 1PT	<a href="tel:01227200536">01227 200536</a>
Hillview Bed & Breakfast	82 South St, Whitstable, CT5 3EA	<a href="tel:07881521731">07881 521731</a>
AJ Colley Plumbing & Heating	Seahorse lodge, 126b Millstrood Rd, Whitstable, CT5 1PP	<a href="tel:01227903192">01227 903192</a>
SPJ Heating & Plumbing	19 Golden Hill, Whitstable, CT51PR	<a href="tel:07921767566">07921 767566</a>
Whitstable Woofers	Saltings Cl, Whitstable, CT5 3FQ	<a href="tel:07714500497">07714 500497</a>
Primrose Cottage Caravan Park	Golden Hill, Whitstable, CT5 3AR	<a href="tel:01227273694">01227 273694</a>
Whitstable Sports Centre	Bellevue Rd, Whitstable, CT5 1PX	<a href="tel:01227274394">01227 274394</a>
Ellore Jewellery Ltd	4 Pacific Cl, Whitstable, CT5 3FJ	<a href="tel:07875147953">07875 147953</a>
JBM Electrical Wholesale	Newlands, Spire Ave, Whitstable, CT5 3DS	<a href="tel:07817782131">07817 782131</a>
<b>Businesses inside Joseph Wilson Estate</b>		
Tesco	Millstrood Rd, Whitstable, CT5 3EE	<a href="tel:03456779720">0345 677 9720</a>
Unit 1 All Waste Matters		<a href="tel:01227280777">01227 280777</a>
Unit 2 Empty		
Unit 3/ 2A New Perspective		<a href="tel:01227282805">01227 282805</a>
Unit 4/5/6 Mewett Polyurethane Ltd		<a href="tel:01277274457">01277 274457</a>
Unit 7 Cat Automotive Ltd		<a href="tel:01227771337">01227 771337</a>
Unit 8 S2 Martial Arts & Limelight Stage School		S2 07920 772377 Limelight 01227 274955
Unit 9/10/11/12 Swegon Air Man Ltd		<a href="tel:01634981400">01634 981400</a>
Unit 13 Carol Foster Ceramics		<a href="tel:07719101096">07719 101096</a>
Unit 14/15 BSK Engineering		<a href="tel:01227262599">01227 262599</a>
<b>Berry House</b>		
Unit 1/2/3 BSK Engineering		<a href="tel:01227262599">01227 262599</a>

<b>The Old Wood Yard</b>		
Unit 1 Auto Smart		
Unit 2 The Stanley Hound		<a href="tel:01227287766">01227 287766</a>
Unit 3 Star Enterprises		<a href="tel:01227262699">01227 262699</a>
Unit 4 Unknown		
Unit 5 Unknown		
Unit 6 Fensa		
Unit 7 Empty		
Unit 8 BSK Engineering		<a href="tel:01227262599">01227 262599</a>
Unit 1C E Revell & Son Ltd		<a href="tel:01227277020">01227 277020</a>
Unit 1B Contemporary Fencing		<a href="tel:01227273214">01227 273214</a>
Unit F&G Denmark Engineering		07702 324477
Unit E Europa Home Improvements		01227 741010
Unit D John Taylor & Green Ltd		0207 281 6686
Unit C NES Work Wear Ltd		<a href="tel:01227207244">01227 207244</a>
<b>Jagow House</b>		
1. Dan Brown & Gwyn Faldpe Osteopathic Clinic		<a href="tel:07740084750">07740 084750</a>
2. Advanced Site Solutions		<a href="tel:01227941321">01227 941321</a>
3. Cruse Bereavement Care		<a href="tel:01227639745">01227 639745</a>
4. Chesterfield Parish Council		<a href="tel:01227773121">01227 773121</a>
5. Mortgages & More		<a href="tel:01227271296">01227 271296</a>
6. Reputation Builder		0333 300 3440
7. Acorn Insurance		<a href="tel:01227770273">01227 770273</a>
8. Kite Homes		Closed
9. Davies Financial Planning Ltd		<a href="tel:01227278500">01227 278500</a>
13 B Canterbury Business Equipment		<a href="tel:01227274942">01227 274942</a>
Unit 16 W.M.Foad Removals		<a href="tel:01227272384">01227 272384</a>
Unit 17 Invicta Couriers		01227 772277
Unit 18 Invicta Couriers		
Unit 19 Vehicle Colour Tech		01227 280002
Unit 20 Whitstable Metal		01227 277422
Unit 21 Whitstable Metal		
Unit 22 365 Recovery		0333011 8991
Unit 23 J&K Sheet Metal		<a href="tel:01227274763">01227 274763</a>
Unit 24 J&K Sheet Metal		
Unit 25 County Moves Ltd		01227 263661
Unit 26 Riverdale Interiors		01227 788600
Unit 27 Duplex Cleaning Machines Ltd		<a href="tel:01227771276">01227 771276</a>
Unit 28 Interactive Manufacturing Ltd		01227 281811
Unit 29 Canterbury Food Bank		10227 936450
Unit 30 Medway Cutters		<a href="tel:01227273138">01227 273138</a>
Unit 31 A+J Services Ltd		01227 779461



Unit 31A Thanet Wholesale Fruit & Veg		Temporary Closed
Unit 32 Grease Tech		01227 776060
Unit 33 Unknown		
Unit 34 Albion House		01227 281281
Unit 35 Albion House		
Unit 36 Albion House		
Unit 37 Bed4Us		01227 281281
Unit 38 JSKM		
Unit 39 JSKM		
Unit 40 JSKM		
Unit 41 ENSTAND		
Unit 42 ENSTAND		
Unit 43 Wheel In		<a href="tel:01227277334">01227 277334</a>
Unit 45A Battel Sector		01227 678095
Unit 45B Unknown		
Unit 45C Victoria Garage		<a href="tel:01227274089">01227 274089</a>
Unit 46 Woods Laminates Carpets		
Unit 47A Unknown		
Unit 47 North Quay Trading		<a href="tel:01227771700">01227 771700</a>
<b>New Units</b>		
Hills Home+Garden		<a href="tel:01227941314">01227 941314</a>
Unit 101 Empty		
Unit 102 My Estate Holdings		
Unit 103 Empty		
Unit 104 Empty		
Unit 105 Empty		
Unit 106 Chapter 4 Ltd		
Unit 107 Amazing Glazing		080006 221 103
Unit 108 Amazing Glazing		
Unit 109 Energy Savings Solutions		01227 262699
Unit 110 Empty		
Unit 111 Solis Green Solutions		
Unit 112 LS Scientific Ltd		01227 200161
Unit 113 Empty		
Unit 114 Margo Selby		<a href="tel:01227282758">01227 282758</a>
Unit 115 Margo Selby		
Mattresses Next Day		<a href="tel:03330069769">0333 006 9769</a>
Unit 125 Empty		
Unit 124 PressOn Automotive		<a href="tel:01227634121">01227 634121</a>
Unit 123 PressOn Automotive		
Unit 122 Empty		
Unit 121 Empty		
Unit 120 Hytorc		
Unit 119 Unknown		
Unit 118 Empty		
Unit 117 Empty		
Unit 126 PressOn Automotive		<a href="tel:01227634121">01227 634121</a>
Unit 127 PressOn Automotive		
Unit 128 Island Marine International Ltd		01304 211226
Unit 129 Island Marine International Ltd		

Unit 130 Wilsons Plumbing Heating		01227 719519
Unit 131 Empty		
Unit 132 Empty		
Unit 133 Empty		
Unit 134 Empty		
<b>Whitstable Enterprise Centre</b>		
Unit 74 Empty		01227 265549
Unit 72 Pro Fit blinds		07704 764076
Unit 70 Aquagas		01227 262669
Unit 68 Empty		
Unit 66 DG Glazing		08681211647
Unit 64 Unknown		
Unit 75 Empty		
Unit 73 Empty		
Unit 71 Empty		
Unit 69 Empty		
Unit 67 Empty		
Unit 65 Empty		
Unit 63 Whitstable Taxis		<a href="tel:01227262120">01227 262120</a>
Unit 61 Unknown		
<b>Whitstable Enterprise Centre</b>		
Unit 59 Empty		
Unit 57 Empty		
Unit 55 Empty		
Unit 53 Empty		
Unit 51 Unknown		
Unit 49 Empty		
Unit 62 Solar Shield Blinds		01227 265549
Unit 60 Empty		
Unit 58 Unknown		
Unit 56 Practise Rooms		07504 752051
Unit 54 Empty		
Unit 52 Empty		
Unit 50 Eternal Energy		01227 262699
Unit 48 Empty		

### Clearing and decontamination after a fire

Fire water will be tankered off for disposal at an appropriate disposal site, depending on contamination. Preferred routes would be:

- Veolia Norwood, Norwood Industrial Estate, Killamarsh, S21 2DR – suitable for waters contaminated with organics/ hydrocarbons. Some restrictions around pH, nil PCBs.
- FCC Ecclesfield, Starnhill Cl, Ecclesfield, Sheffield S35 9TG – suitable for water contaminated with inorganics.
- Veolia Ellesmere Port, Bridges Road, Ellesmere Port, CH65 4EQ – suitable for water contaminated with inorganic and organics, high/low pH, POPs and PCBs
- All sites will need samples to assess suitability before arranging disposal.

Other residues will be consigned to their intended disposal route as quickly as possible if they remain suitable for transport.

If not suitable for transport they will need to either be repackaged, overdrummed, or pumped out into new packaging, or tankered.

Assistance with repacking can be obtained from

- Veolia Norwood (mobile Chemists, vacuum tankers)
- Veolia Empire works (mobile Chemists)
- FCC Blackburn Meadows (mobile Chemists, vacuum tankers)
- Veolia Stewartby ISS Emergency Response (cleaning teams, equipment, and vacuum tankers)

### **Making the site operational after a fire**

- 1) Clearance of fire water
- 2) Clearance of wastes with intact packaging, not requiring further processing on site
- 3) Clearance of wastes with damaged packaging, not requiring further processing on site
- 4) Further processing of wastes that require it before disposal
- 5) Demolition/ repair of structure as required to make safe
- 6) Assessment of damage, procedures and failures that led to the incident and required improvements.
- 7) Decontamination of all areas
- 8) Repair, reinstatement, and upgrade of containment as required
- 9) Repair, reinstatement, and upgrade of infrastructure – Electrical work, fire detection/ suppression
- 10) Certification of infrastructure as required
- 11) Bund containment and capacity check

2) – 5) It is likely that these points will change in order, depending on the condition of the building structure. Allowing safe access to waste is to be the highest priority to prevent further incident/ loss of containment.