

BRADGATE BAKERY

**Environmental Accident
Management Plan**

Document reference & title:	EMS 010 – Accident Management Plan
Date of issue of current version:	Jan 2025
Date of next review:	April 2027
Version number:	7
Authorised by:	Katharine Nethercot

Bradgate Bakery comprises of two separate site locations, Madeline Road (MR) and Ashton Green (AG) forming a single installation for Environmental Permitting requirements. Both sites undertake the production of sandwiches, pastas and salads for supermarkets and convenience stores throughout the United Kingdom. As part of our environmental permit and our general due diligence, we are required to hold and maintain an accident management plan to identify potential accidents and plan how to avoid or minimize the impact of these.

The Environmental Accident Management Plan contains the following information.

1. Emergency contacts
2. Accident management site plans
3. Chemical Inventory
4. Inventory of waste materials
5. Inventory of tanks and stores
6. Pollution prevention equipment inventory
7. Potential accidents, consequences, measures for avoidance and minimization
8. Reporting
9. Complaints
10. Review

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1. Emergency Contacts

Site Location Details:	5 Bennion Road, Beaumont Leys, LE4 2AD
Phone Number	0116 236 1340
Grid Reference Ashton Green	SK 57761 09060
Site Manager	Dawn Hazelwood – 07791 320707
Facilities Engineering Manager	Tim Spence – 07805 860246
SHE Team	Neil Traynor – 07557 276277 Katharine Nethercot – 07776 961723

Site Location Details:	Madeline Road, Beaumont Leys, Leicester, LE4 1WX
Phone Number	0116 263 1100
Grid Reference Madeline Road	SK 57326 08841
Site Manager	Tony Sultana – 07964 518779
Facilities Engineering Manager	Dave Letts – 07972 057772
SHE Team	Neil Traynor – 07557 276277 Tony Alonzo – 07776 961913

Emergency Contact Details	
Emergency Services	999
Local police	0116 222 2222
NHS	111
Hospital: Leicester	0300 303 1573
Environmental Agency hotline:	0800 80 70 60

	Office hours	Out of hours
Electricity Distributor: Western Power Distribution	01473 234151	01473 234151
Gas Supplier: Gazpron	0845 230 0011	0845 230 0011
Electricity Supplier: SmartestEnergy Ltd	01473 234151	01473 234151
Local Authority: Leicestershire County Council	0116 232 3232	N/A
Water & Sewage Provider: Severn Trent	0800 783 4444	0800 783 4444
Waste Management Contractor: PH Hulls	01664 434334	07836712366
Drainage: County Drains	01530 510571	01530 510571

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2. Site Plans

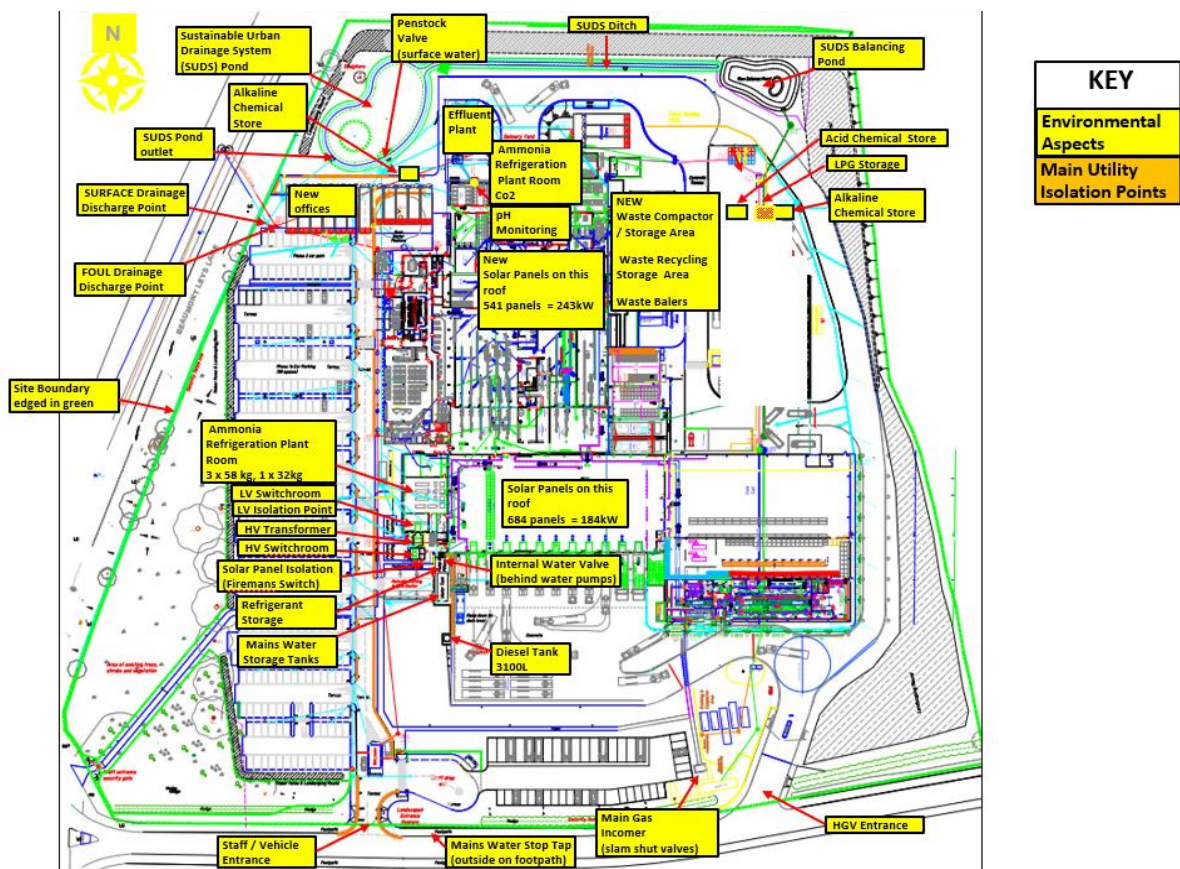
The site plans include information of relevance for dealing with any accident that may pose a risk of environmental pollution and pinpoints the location of key equipment. This includes:

- Site drainage details.
- Mains water stop tap.
- Main electrical supply isolator.
- Mains gas incomer.
- Storage areas e.g. chemical, fuel.
- Location of spill kits.

ASHTON GREEN SITE PLANS

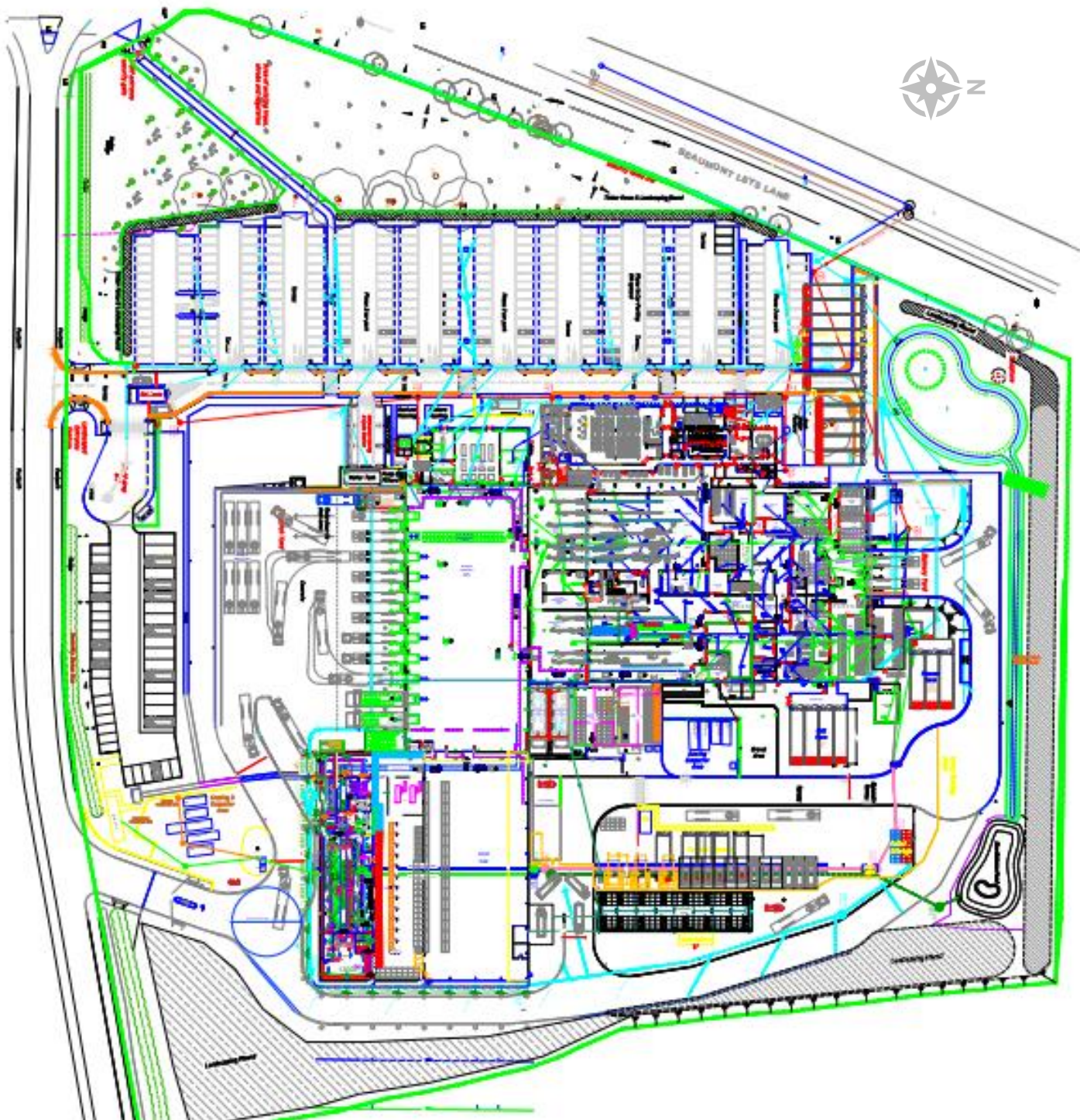
[Latest Versions saved at: V:\Environmental Management\EMS\1. EMS\7. Opertional Controls & Emergency Preparedness \(Clause 8\)\Site Layouts\Ashton Green](#)

Ashton Green Environmental Layout (inc New AG3 changes)



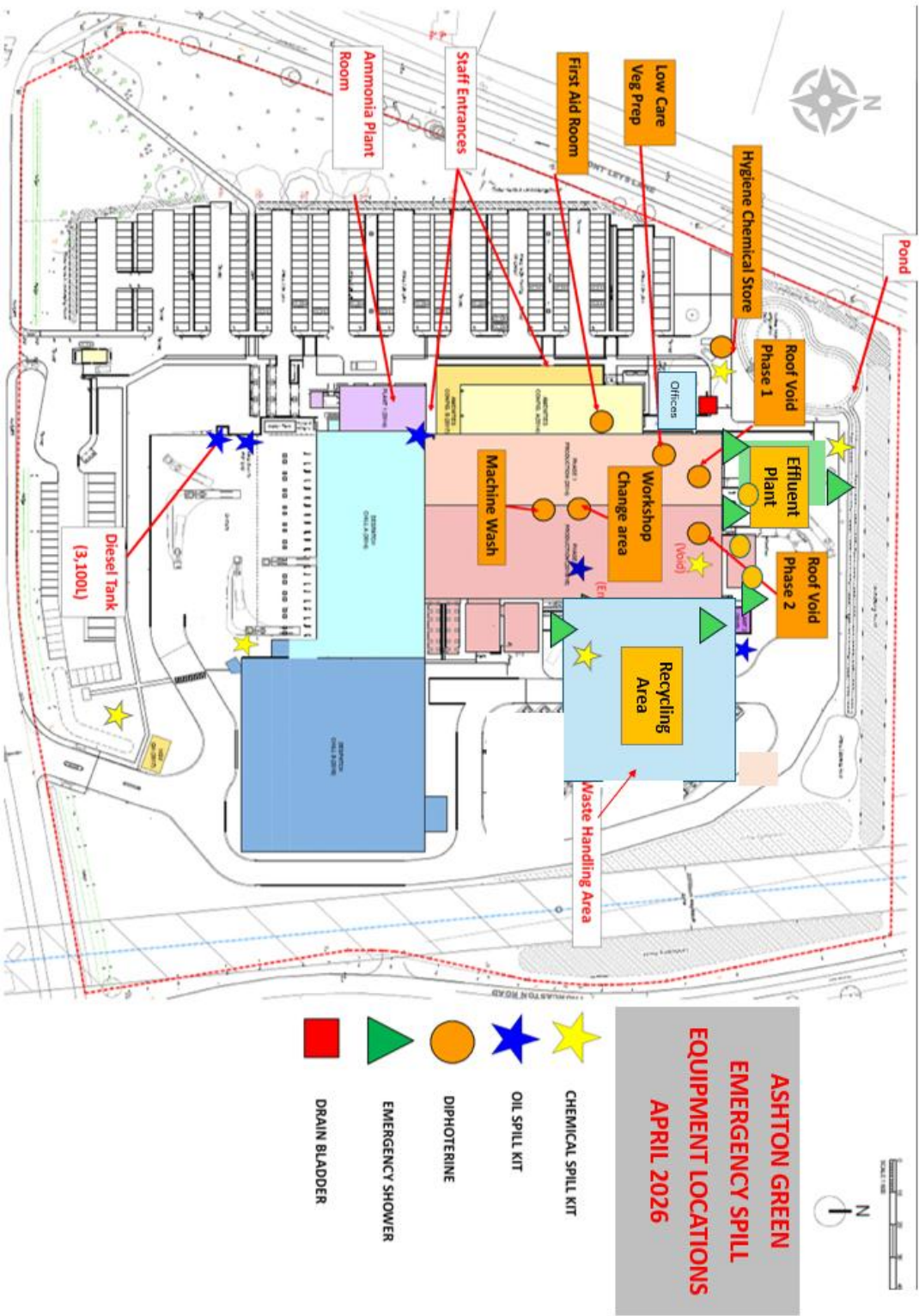
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Ashton Green Drainage Layout (New CAD drawing to be completed this year)

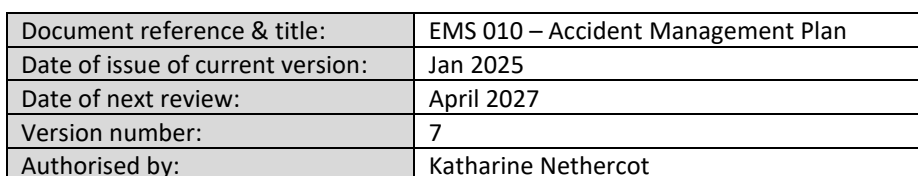


Document reference & title:	EMS 010 – Accident Management Plan
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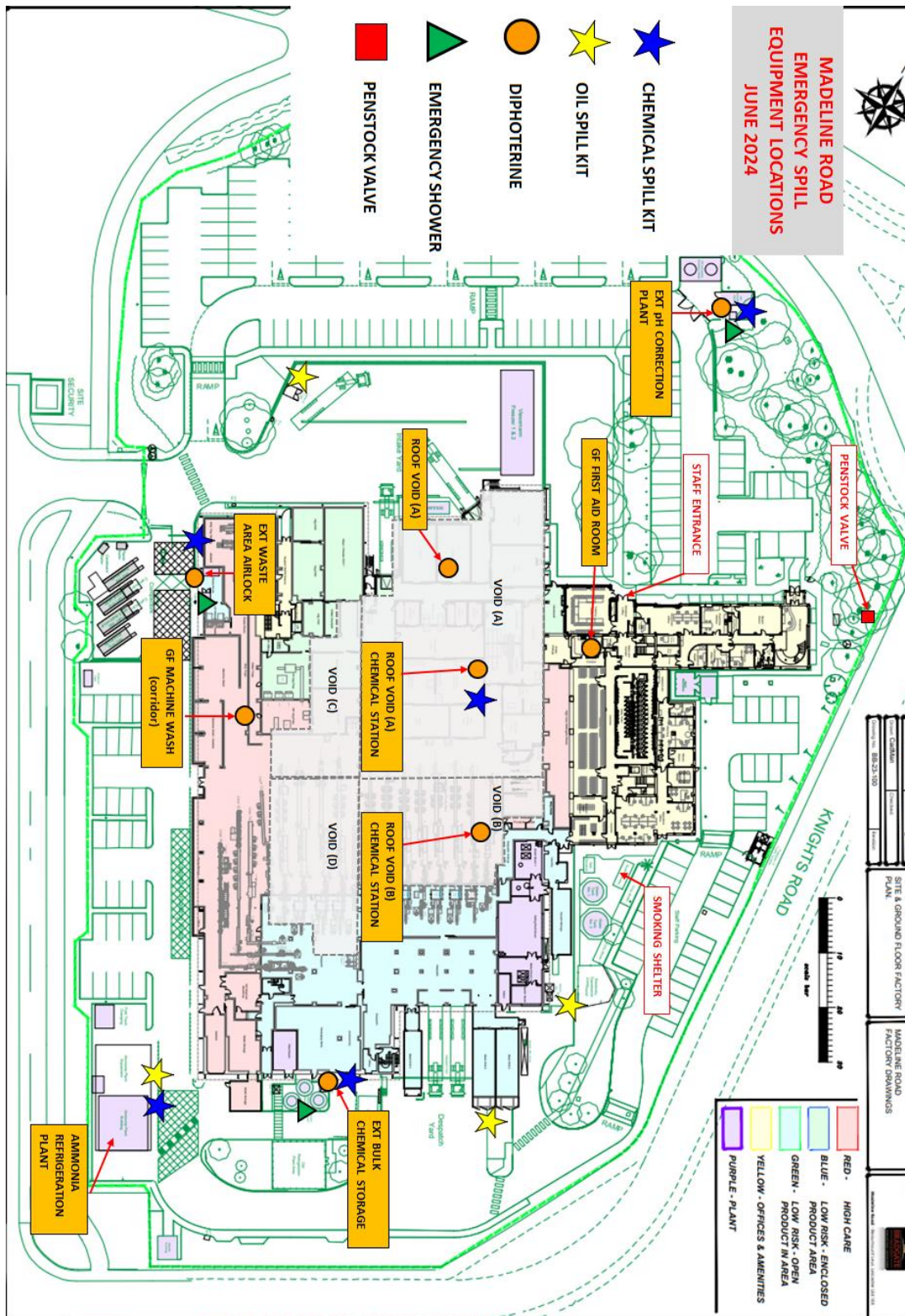
Ashton Green Emergency Equipment Plan



Document reference & title:	EMS 010 – Accident Management Plan
Date of issue of current version:	Jan 2025
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Madeline Road Emergency Equipment Plan



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3. Chemical Inventories

Chemical inventories for each site are saved in share files.

Ashton Green

[Y:\Production\Hygiene\03. Health and Safety\COSHH\COSHH Index.xlsx](#)

Madeline Road

[Y:\Production\Hygiene\03. Health and Safety\COSHH](#)

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4. Waste Materials

Waste Streams	End Storage Method	Responsible contractor	Time on site	Site
Cardboard & paper	Bailer	PH Hull	< 7 days	Ashton Green & Madeline Road
Plastics	Bailer	PH Hull	< 7 days	Ashton Green & Madeline Road
Hard plastics	Dolav	PH Hull	< 7 days	Ashton Green & Madeline Road
Pallets	Stacked	PH Hull	< 7 days	Ashton Green & Madeline Road
Wood	Dolav	PH Hull	< 7 days	Ashton Green & Madeline Road
General	Compactor	PH Hull	< 7 days	Ashton Green & Madeline Road
CAT 3 Food ABP	Lidded Skip	PH Hull	< 7 days	Ashton Green & Madeline Road
Bread	Compactor	PH Hull	< 7 days	Ashton Green & Madeline Road
Metal	Compactor	PH Hull	14 days	Ashton Green & Madeline Road
Chemical Containers	Palleted	Diversity	14 days	Ashton Green & Madeline Road
Feminine Hygiene	Managed by contractor	Elite	14 days	Ashton Green & Madeline Road
Batteries	Container	PH Hull	As Required	Ashton Green & Madeline Road
Printer Cartridges	Container	PH Hull	As Required	Ashton Green & Madeline Road
WEEE	Dolav	PH Hull	As Required	Ashton Green & Madeline Road

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5. Inventory of Tanks and Storage

Ashton Green

Product & Container Type	Location	Quantity	Control Measure	Picture
Fuel Bunded tank	Distribution Yard	3,100 L	Bunded Locked	
Surface Water Interceptors	Car park & Distribution/Despatch yard, grass area	N/A	Routine inspections and cleaning	
Acid chemical container	Yard next to SUDs Pond	3,300ltr	Daily Hygiene checks Bunded Locked	
Acid chemical container	Waste Recycling area	1,125ltr	Daily Hygiene checks Bunded Locked	
Alkaline chemical container	Waste Recycling area	1,125ltr	Daily Hygiene checks Bunded Locked	
Waste restaurant kitchen oil bunded stand	Waste storage area in front of plant room		Bunded	
Refrigerant Gasses - Cage	Behind water storage tanks		Locked	
LPG - Cage	Waste recycling area		Locked	

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Madeline Road				
Terminol bulk chemical tank	Chemical Delivery Bay	15,000ltr	Self-Bunded Tank	
Caustak 30 bulk chemical tank	Chemical Delivery Bay	15,000ltr	Self-Bunded Tank	
Chlorfoam plus bulk chemical tank	Chemical Delivery Bay	15,000ltr	Self-Bunded Tank	
Sodium Hypochlorite IBC	Chemical Delivery Bay	1000L	1100L Bunded stand	
Acidic pH Modifier (50% sulphuric) Bulk Chemical Tank	Effluent pH Correction enclosure	5000L	Concrete bund with lid to prevent rain ingress	
Alkaline pH Modifier (47% caustic) Bulk Chemical Tank	Effluent pH Correction enclosure	5000L	Concrete bund with lid to prevent rain ingress	
Concrete bund for pH Modifiers	Effluent pH Correction enclosure	12,000 ltr	Concrete bund with lid to prevent rain ingress – float-controlled pump back into pH correction tank	
Acid IBC's & Drums Chemical Cage Max single container capacity 4x 1000L	Waste Area to SW of building	1125L	Steel built, locked and bunded to 110% of largest single container	

Document reference & title:	EMS 010 – Accident Management Plan
Date of issue of current version:	Jan 2025
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Alkaline IBC's & Drums Chemical Cage Max single container capacity 4x 1000L	Waste Area to SW of building	1125L	Steel built, locked and bunded to 110% of largest single container	
Alkaline IBC's & Drums Chemical Cage Max single container capacity 4x 1000L	Outside waste airlock	1125L	Steel built, locked and bunded to 110% of largest single container	
Waste Engineering oils Bulk storage container	Outside Boiler Room	2500L	Double skinned self-bunded	
Waste Restaurant cooking oils	Outside Boiler Room		Bunded stand with roller door front	
Restaurant chemicals Alkaline	Behind water storage tanks		Locked steel Cabinet with bunded base	
Surface Water Interceptors (x3)	Car Parks & Intake yard		Routine inspections & cleaning	
Peracetic Acid Storage unit – Max Capacity 1 x 1000L IBC	Hygiene Yard area	1100L	Steel built, locked and bunded to 110% of largest single container	

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6. Spill Response Equipment for Pollution Prevention

ASHTON GREEN



OIL SPILL KITS – BLUE



CHEMICAL SPILL KITS – YELLOW

MADLINE ROAD



OIL SPILL KITS – YELLOW



CHEMICAL SPILL KITS – BLUE

BOTH SITES



ABSORBENT GRANULES

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Spill Kit Contents

Equipment	Where Available
Chemical Absorbent Pads	All chemical spill kits
Chemical Cushions	All chemical spill kits except AG Distribution battery charging area
Chemical socks 125cm	All chemical spill kits
Chemical socks 300cm	All chemical spill kits except AG Distribution battery charging area
Acid Neutraliser	Chemical spill kit in AG Distribution battery charging area
Oil Pads	All Oil spill kits
Oil Cushion	All Oil spill kits
Oil Socks 125cm	All Oil spill kits
Oil Socks 300cm	All Oil spill kits
Dammit Ready Mix (to seal small holes)	All spill kits except AG Distribution battery charging area
Dammit X Mat (clay mat to cover drains)	All spill kits except AG Distribution battery charging area
Disposable bags and plastic ties	All spill kits
PPE – Apron, Rubber Gloves, Goggles/Visor	All spill kits
Hazard Tape	All spill kits
Absorbent Granules - Ashton Green	Hygiene PPE store
Absorbent Granules – Madeline Road	Under canopy in waste area
Contents check list	All spill kits

THE SITE HYGIENE MANAGER IS THE CONTACT FOR REPLACEMENT OF ALL SPILL KIT ITEMS

Document reference & title:	EMS 010 – Accident Management Plan
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7. Potential Accidents & Measures for Avoidance and Mitigation

Source	Location of source	Potential accident scenario	Receptor	Pathway	Likelihood	Control to reduce likelihood	Control to minimize impact
Chemical and oil stores	AG: Chemical store in the yards and diesel store MR: Bulk chemical store, chemical stores by the waste airlock, pH correction plant.	Potential contamination of surface water due to failure of containment	Surface water, nearby waterbodies, groundwater, land and wildlife Note: Groundwater contamination is unlikely due to data from British Geological Survey showing ground around site to be “Lias” with very little chance of groundwater	Drains, ground	Unlikely	Dedicated storage cabinets with chemical bunds (MR & AG). Double skinned bulk chemical tanks with high- and low-level alarms (MR). Chemical bund at the pH correction plant and bund within the ISO container (MR). Double skinned oil storage tank (AG). Daily check sheet - checks for leaks around perimeter.	Chemical and oil spill kits with staff trained to use them at appropriate locations around both sites. Drain blocker for pond and to prevent chemicals leaving site (AG). Penstock valve to prevent chemicals leaving site. Interceptors More information in spill procedure GEN 35.
Use and transport of chemicals and oil	AG: Chemical store in the yards and diesel store MR: Bulk chemical store, chemical stores by the waste airlock, pH plant.	Spills of chemicals and/or oil during transportation or use	Surface water, nearby waterbodies, groundwater, land and wildlife Note: Groundwater contamination is unlikely due to data from British Geological Survey showing ground around site to be “Lias” with very little chance of groundwater	Drains, ground	Unlikely	Forklift training for relevant staff Chemical training for relevant staff	Chemical and oil spill kits with staff trained to use them at appropriate locations around both sites. Drain bladder to prevent chemicals entering SUDS pond (AG). Penstock valve to prevent chemicals leaving site. Interceptors. More information in spill procedure GEN 35.

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Source	Location of source	Potential accident scenario	Receptor	Pathway	Likelihood	Control to reduce likelihood	Control to minimize impact
HGVs and trailers	Intake and Distribution	Fuel leaks	Surface water, nearby waterbodies, groundwater, land and wildlife Note: Groundwater contamination is unlikely due to data from British Geological Survey showing ground around site to be “Lias” with very little chance of groundwater	Drains, ground	Unlikely	Fuel tanks are not overfilled.	Chemical and oil spill kits with staff trained to use them at appropriate locations around both sites. Drain bladder to prevent chemicals entering SUDS pond (AG). Penstock valve to prevent chemicals leaving site. Interceptors. More information in spill procedure GEN 35.
Vehicles delivering fuel and chemicals	Chemical store in the yards, bulk chemical tanks at Madeline Road and diesel store	Potential contamination of surface water due to failure during delivery	Surface water, nearby waterbodies, groundwater, land and wildlife Note: Groundwater contamination is unlikely due to data from British Geological Survey showing ground around site to be “Lias” with very little chance of groundwater	Drains, ground	Unlikely	Interceptors to capture oil	Chemical and oil spill kits with staff trained to use them at appropriate locations around both sites. Drain bladder to prevent chemicals entering SUDS pond (AG). Penstock valve to prevent chemicals leaving site. Interceptors. More information in spill procedure GEN 35.

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Source	Location of source	Potential accident scenario	Receptor	Pathway	Likelihood	Control to reduce likelihood	Control to minimize impact
Firewater post-fire	Any location of a fire	If a fire occurs, significant quantities of contaminated water could be generated	Nearby waterbodies and associated wildlife	Surface water drains	Unlikely	Annual inspection of drainage, maintenance and clean of external drains. In event of blockage County Drains are contacted.	Chemical and oil spill kits with staff trained to use them at appropriate locations around both sites. Drain bladder to prevent chemicals entering SUDS pond (AG). Penstock valve to prevent chemicals leaving site. Interceptors. More information in spill procedure GEN 35.
Identification of a wrong connection in our drains	As identified in our drainage network	During an inspection of our drainage network, it is identified that a trade effluent drain is connected to a storm drain.	Nearby waterbodies and associated wildlife	Surface water drains	Very unlikely	Annual compliance audit checks drainage drawing against physical drains.	Separate drainage systems for trade effluent and storm water.
Ammonia in refrigeration plant (Ashton Green)	Site plant room	Ammonia storage fails and there is a release of ammonia into atmosphere	Atmosphere	Air	Unlikely	Regular monthly maintenance conducted.	Low- and high-level monitoring of the self-contained ammonia plant is interlinked with the control system to alert staff and shut the plant down when appropriate. Annual alarm tests conducted by an approved contractor.

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Source	Location of source	Potential accident scenario	Receptor	Pathway	Likelihood	Control to reduce likelihood	Control to minimize impact
F-gas in refrigeration systems & air conditioning units	Site plant room	F-gas storage fails and there is a release of f-gas into atmosphere	Atmosphere	Air	Unlikely	Refrigerant systems are checked in line with the requirements of the F-gas regulations by a third-party contractor. General daily check sheet.	Low- and high-level monitoring of the f-gas is interlinked with the control system to alert staff and shut the plant down when appropriate. PPM is carried out on the systems by an approved contractor.

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8. Reporting of environmental accidents

All events that have caused or could result in environmental harm are recorded on EVOTIX, the SHE System within 24 hours of occurrence.

These are categorised as:

- Noise
- Nuisance / Pest
- Odour
- Release to Air
- Release to Land
- Release to Water
- Spill
- Waste
- Breach of Permit

All environmental incidents are reported to a member of the SHE Team within 24 hours, detailing time and date of occurrence and a brief description of the incident and actions taken to mitigate impact. If a significant environmental accident has occurred, including a loss of containment or an f-gas leak, a member of the SHE Team will report this to the relevant authorities within 24 hours. Records of environmental incidents can be found on the EVOTIX system [here](#).

The SHE Team will review the incident to establish immediate and root cause, and whether the correct response was put in place.

Incidents are reviewed and recorded at weekly management meetings, monthly SHE meetings and 6 monthly management reviews.

9. Complaints

As part of the Environmental Management System, an environmental complaints procedure is in place. This complaints procedure covers all environmental complaints including, but not limited to, odour, light and noise.

All complaints from members of the public and/or third parties will be forwarded to the SHE Team and/or designated responsible person(s) to action as detailed below and recorded into the Environmental Management System within 72 hours of their receipt. This is to allow for weekends and back holidays.

The Complaints Procedure can be found [here](#). (EMS 025).

10. Review

This plan will be reviewed on an annual basis to ensure it remains relevant. It will also be reviewed should any significant accident occur, or should a significant change occur on site.

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