



Accident Prevention and Management Plan

Davis Commercial Services



Helping clients prosper through compliance

1. Accident Prevention and Management

Possible Accident/Incident	Receptor	Pathway	Consequence	Likelihood	Risk Management	What to do if the accident/incident occurs
Transferring substances (spillage during handling between vessels)	Groundwater (Minor aquifer within bedrock geology)	Dispersion through the soil	Transfer of all substances to be undertaken on an area with impermeable surface and only handled under controlled conditions. Continual monitoring and maintenance of surfaces.	LOW	Transfer of all substances to be undertaken on an impermeable area. Transfer of liquids to be undertaken within secondary containment. Continual monitoring and maintenance of surfaces.	Spillages will be cleaned up immediately upon detection.
	Geology (Northampton Sand Formation - Ooidal Ironstone. Stamford Member – Sandstone and Siltstone, Interbedded)					Spills kits located at strategic locations around the site will be deployed in the event of spillage.
	Arable farmland (Allotments adjacent to north boundary)					Details of the spillage will be recorded and retained.
	Surface water features					In the event of a significant spillage which has the potential to cause environmental pollution the Environment Agency will be informed as soon as is reasonably possible
Plant or equipment failure	Site workers	Direct contact	Severe personal injury could result.	LOW	All site personnel must wear PPE at all times, and be trained in the safe operations	Record and retain all plant and equipment failures on site.

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					<p>of plant and equipment.</p> <p>Plant and equipment is maintained in accordance with a strict maintenance schedule to ensure risk of breakdown or failure is minimal.</p>	<p>Where plant or equipment failure has the potential to cause injury or pollution ensure that issue is clearly communicated to all relevant individuals to prevent further use.</p> <p>Where plant or equipment failure results in a leak or spillage ensure the spillage is cleaned up immediately upon detection and the faulty plant/ equipment is stored on an impermeable surface.</p>
	<p>Groundwater (Minor aquifer within bedrock geology)</p>	<p>Dispersion through the soil</p>	<p>Contamination of surrounding area and dispersion within the wider groundwater environment.</p>	<p>LOW</p>	<p>Spill equipment available should oils or fuels be released from plant or equipment.</p>	<p>Where plant or equipment failure results in a leak or spillage ensure the spillage is cleaned up immediately upon detection and the faulty plant/ equipment is stored on an impermeable surface.</p>
	<p>Geology (Northampton Sand Formation - Ooidal Ironstone. Stamford Member – Sandstone and Siltstone, Interbedded)</p>				<p>Plant and equipment maintained in accordance with a strict maintenance programme to ensure a limited risk of failure.</p>	

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Containment failure	Groundwater (Minor aquifer within bedrock geology)	Leaking through cracked or overtopped bunding/containment feature	Contamination of surrounding area and dispersion within the wider groundwater environment.	LOW	Daily site checks will ensure ongoing inspection of the integrity of containment features.	Spillages will be cleaned up immediately upon detection.
	Geology (Northampton Sand Formation - Ooidal Ironstone. Stamford Member – Sandstone and Siltstone, Interbedded)					Spills kits located at strategic locations around the site will be deployed in the event of spillage. In the event of a significant spillage which has the potential to cause environmental pollution the Environment Agency will be informed as soon as is reasonably possible.
Fire	Site operatives and infrastructure	Direct contact	Loss/damage of property.	LOW	Limited volumes of combustible wastes stored on site. Those items at risk of combustion are stored within dedicated areas equipped with	With ongoing maintenance of plant and equipment risk of fire is low.
	Neighbours		Injury. Business disruption.			Management systems for business continuity will aid in the event of a fire.

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					firefighting equipment. All plant and equipment maintained to a schedule (see FPP K256.1~09~007).	
Storage of hazardous substances	Site operative	Direct contact	Injury or ill health.	LOW	Limited volume of hazardous substances stored on site. If handled personnel must be wearing appropriate PPE. Stored within dedicated storage areas and designated containers	All hazardous substances stored in suitable containment with bunding (where applicable). Hazardous substance storage areas are separate from operational areas. All hazardous substances will be stored in secured containers which will be locked when not in use.
	Groundwater (Minor aquifer within bedrock geology)	Dispersion through the soil	Contamination of underlying ground and groundwater.			
	Geology (Northampton Sand Formation - Ooidal Ironstone. Stamford Member – Sandstone and Siltstone, Interbedded)					
Explosive atmospheres	Site operative, neighbours	Direct contact	Loss/damage of property.	LOW	The site has undergone a DSEAR	With ongoing maintenance of plant

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			Injury. Business disruption.		assessment to identify any areas of the site that could be at risk from explosive atmosphere. The assessment has identified three areas of the process where explosive atmospheres may occur. These areas where made intrinsically safe according the DSEAR regulations.	and equipment risk of explosion is very low. Management systems for business continuity will aid in the event of a fire.
Vandalism	Plant and Equipment or site infrastructure	Direct contact	Impact on business processes	LOW	Site is equipped with: - 24-hour CCTV -Alarm system -Security gates -Site inspections carried out daily -Lockable shutter door to building	Ensure vandalism has not resulting in an environmental pollution incident. Inspect the site for damage and record and retain results.

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Flooding	Site infrastructure	Direct	N/A	N/A	The site is not within a floodplain.	N/A