

Castle Donington Transfer Station

1.4 Accident Prevention & Management Plan

February 2025

DOCUMENT DETAILS

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1 SITE DETAILS

1.1 Site Activities

- 1.1.1 Castle Donington Transfer Station (the site) is located at Trent Lane, Castle Donington, Derbyshire, DE74 2NP. National Grid Reference (NGR) SK 444478, 328362.
- 1.1.2 Activities undertaken at the site are detailed below. Refer to the Operations and Emissions Management Plan (document reference 1.2 of the site's management system) and Environmental Risk Assessment (document reference 1.3 of the site's management system) for full details of site activities.
- Unloading waste
 - Manual sorting and separation of waste
 - Storing waste
 - RORO container exchange
 - Loading waste
 - Mechanical treatment via shredding (as necessary)
- 1.1.3 The site provides a facility for the operation of a transfer station using the former RDF bays as infrastructure to store and transfer mixed municipal waste from industrial and commercial customers.
- 1.1.4 The COSHH index details the substances stored on site and the location in which they are stored. This is located on site within the H&S Folder. Chemicals and oils are stored in the chemical/oil store located in secure containers. Cleaning equipment is stored internally in the cleaning cupboard in the main office.
- 1.1.5 Control measures to mitigate potential accidents within SUEZ's control are listed within Table 2.

1.2 Emergency Contacts

- 1.2.1 Contact details for stakeholders who may need to be contacted in the event of an emergency are provided in Table 1 below.

Table 1 - Emergency Contacts

Name	Organisation	Contact Number
Environment Agency	Regulator	0800 80 70 60
SUEZ 24 hour emergency number	SUEZ	0800 064 8887
Ellyn Church (EIR Manager)		07866 995974
Maddie Petit (Site Manager)		01159 316550

1.3 Accident Investigation

- 1.3.1 Integrated Management System (IMS) Procedure – Accident Investigation and Reporting, describes the methods for reporting, recording and investigating accidents and near misses (including the forms required).

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- 1.3.2 All accidents shall be reported and recorded in a timely manner and shall be investigated as soon as practicable, which may include an Incident Review Panel, dependant on the severity of the incident.
 - 1.3.3 Investigation findings shall be recorded and preventative measures, where identified, shall be implemented as soon as practicable.

Table 2 - Accident Prevention and Management Assessment

Accident	Avoidance Measures	Impact Minimisation Measures	Likelihood Rating	Consequence Rating	Risk Rating
Spillage of oil, fuel or hydraulic fluid from plant colliding with infrastructure, mechanical failure, leak during refuelling / maintenance or leak from storage containers.	Siting of fuel storage tanks located to reduce possibility of impacts from vehicles. The fuel oil storage facility onsite is fully bunded in compliance with the control of Pollution (Oil Storage) (England) Regulations 2001 and are located on impermeable surface, with vehicle impact protection. All other fuel/oil storage on site takes place in accordance with relevant legislation and in suitably bunded containers. Daily inspection of oil/fuel/waste containers. Plant and equipment only operated by suitably trained personnel. Inspection of plant and equipment prior to use and defect reporting procedure. Preventative maintenance schedules for all fixed and mobile plant. Ongoing site inspection and corrective action procedure. Waste vehicle drivers are required to sign for a copy of the site-specific procedures and must comply with SUEZ's operational practices whilst on site.	The site is provided with impermeable concrete surfaces to prevent the transmission of potentially contaminated liquids into groundwater beneath the site. Any bunding to be kept clear of accumulating liquids to ensure capacity of containment systems is maintained. Spill kits provided at suitable locations around site, with staff trained in their use. These include plug rugs to allow spills to be retained on the impermeable surface. Sealed drainage system, discharging to foul sewer via interceptor in accordance with a trade effluent consent. Penstock valve in use at site.	Low	Medium - pollution of local water courses, groundwater and aquifers	Medium

Accident	Avoidance Measures	Impact Minimisation Measures	Likelihood Rating	Consequence Rating	Risk Rating
Vandalism to fuel or waste storage infrastructure	CCTV, site security, fencing and gates are installed to discourage unauthorised access to the site. CCTV is monitored 24 hours when the site is out of hours. IMS procedures include a daily requirement to check the condition of the security measures and take appropriate remedial action in the event of any damage.	As above	Very Low	Medium - pollution of local water courses, groundwater and aquifers	Low
Fire	Site security measures are in place to prevent unauthorised access to the site. Wastes may be stored at the site overnight, although this will be rare. In the event that wastes do have to be stored overnight the following measures will be in place. Fire watch will be carried out and recorded at the end of daily operations as well as 24 hour CCTV in place to be monitored overnight. Waste acceptance measures are in place as detailed in the Operations and Emissions Management Plan (document reference 1.2 of the site's management system). Stockpiles are managed in line with the Fire Prevention Plan (document reference 1.7 of the site's management system). Mobile plant is parked outside. Vehicles and plant are stored away from stockpiles of material when not in use as a precaution against electrical fire.	Full details are in Fire Prevention Plan (document reference 1.7 of the site's management system). The site benefits from CCTV and a thermal imaging system which is monitored externally during out of hours. Regular checks of fire safety equipment are carried out as per the IMS. Firefighting equipment is located at strategic locations. Fire hydrants are located within 100m of the site's access and can be used by the Fire and Rescue Service in the event of a fire. The nearest fire hydrant is located just outside the sites entrance gates on Trent Lane. The location of the hydrants are provided in the Fire Prevention Plan (document reference 1.7 of the site's management system). Stockpiles of combustible materials are kept at manageable volumes as detailed in	Low	Medium	Medium

Accident	Avoidance Measures	Impact Minimisation Measures	Likelihood Rating	Consequence Rating	Risk Rating
	Smoking areas enforced on site. Regular cleaning implemented on site. Regular maintenance of plant Hot works carried out under Permit to Work (PtW) system.	the Fire Prevention Plan (document reference 1.7 of the site's management system). Appropriate measures are in place to prevent the spread of fire between waste piles. Further details are provided in the Fire Prevention Plan (document reference 1.7 of the site's management system).			
Flooding	See Climate Change Risk Assessment (document reference 1.6 of the site's management system) and Business Continuity Contingency and Plan (document reference 1.5 of the site's management system)	A Climate Change Risk Assessment (document reference 1.6 of the site's management system) is in place for the facility	Low	Low	Low
Enforced shutdown	See Business Continuity Contingency and Plan (document reference 1.5 of the site's management system)	Business Contingency & Continuity Plan (document reference 1.5 of the site's management system) in place - ability to divert and remove waste to other nearby facilities at short notice	Low	Low	Low

Appendices

Appendix A - Probability And Consequence Assessment Definitions

Accident: An unplanned event which may cause harm or potential harm to an environmental receptor

Probability: Probability of exposure is the likelihood of the receptors being exposed to the hazard

Probability	Definition
High (H)	High – exposure is probable: direct exposure likely with no / few barriers between hazard source and receptor.
Medium (M)	Medium – exposure is fairly probable: feasible exposure possible - barriers to exposure less controllable.
Low (L)	Low – exposure is unlikely: several barriers exist between hazards source and receptors to mitigate against exposure.
Very Low (VL)	Very Low – exposure is very unlikely: effective, multiple barriers in place to mitigate against exposure.

Consequence: The adverse effects or impacts of a hazard being realised upon a receptor:

Consequence	Definition
High (H)	Possible irreparable damage to environmental resources
Medium (M)	Possible damage to environmental resources which are limited within a regional context
Low (L)	Possible effects might be transient damage to environmental resources which are commonplace on a regional basis and alternative resources are readily available
Very Low (VL)	The effects are negligible or might cause very slight temporary deterioration in the current environmental resource quality.

Risk Estimation Matrix

Risk: A combination of the probability, or frequency, of occurrence of a defined hazard and the consequence and magnitude of impact. The general High (H), Medium (M), Low (L) and Very Low (VL) ratings listed in Table 1, are for use as a guide only based on:

Matrix for the Estimation of the Risk				
	Consequence			
Probability of the Risk	High	Medium	Low	Very Low
High	High	High	Medium	Low
Medium	High	Medium	Medium	Low
Low	Medium	Medium	Low	Low
Very Low	Low	Low	Low	Low