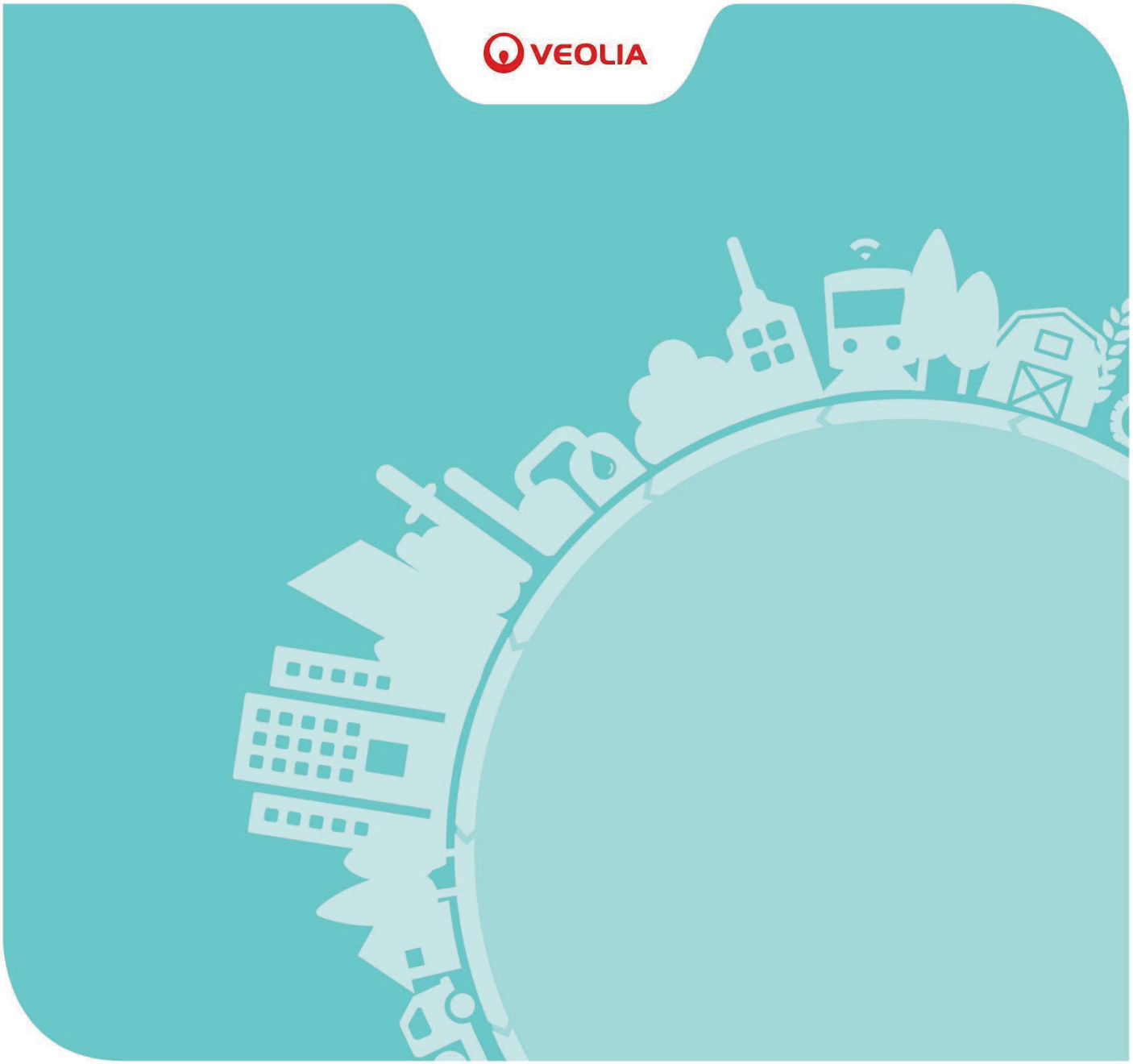

Dust Management Plan

Stoke Transfer Station

Permit Reference: EPR/CB3906TM

Date: December 2025
Version: 1.0

Version History

Revision Number	Date of Issue	Status	Reason for revision
1.0	December 2025		bespoke permit application

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1. Introduction

The Stoke Transfer Station operated by Veolia ES (UK) Limited 'VES' has operated under standard rules SR2008 No1 which is being varied into a bespoke permit. The facility will accept and transfer up to 75,000t per year of non-hazardous waste.

The Stoke Transfer Station has the primary purpose of serving regional transfer and bulking requirements of commercial customers. No domestic waste is expected to be transferred through the facility. No treatment will be carried out at the facility.

The facility is located in an industrial/commercial estate outside of the outskirts of Stoke.

The full address for the site is detailed below:

Veolia ES (UK) Limited
Stoke Waste Transfer Station
Alderflat Drive
Trentham
Stoke
ST4 8HX

Grid Reference: SJ 88997 40746

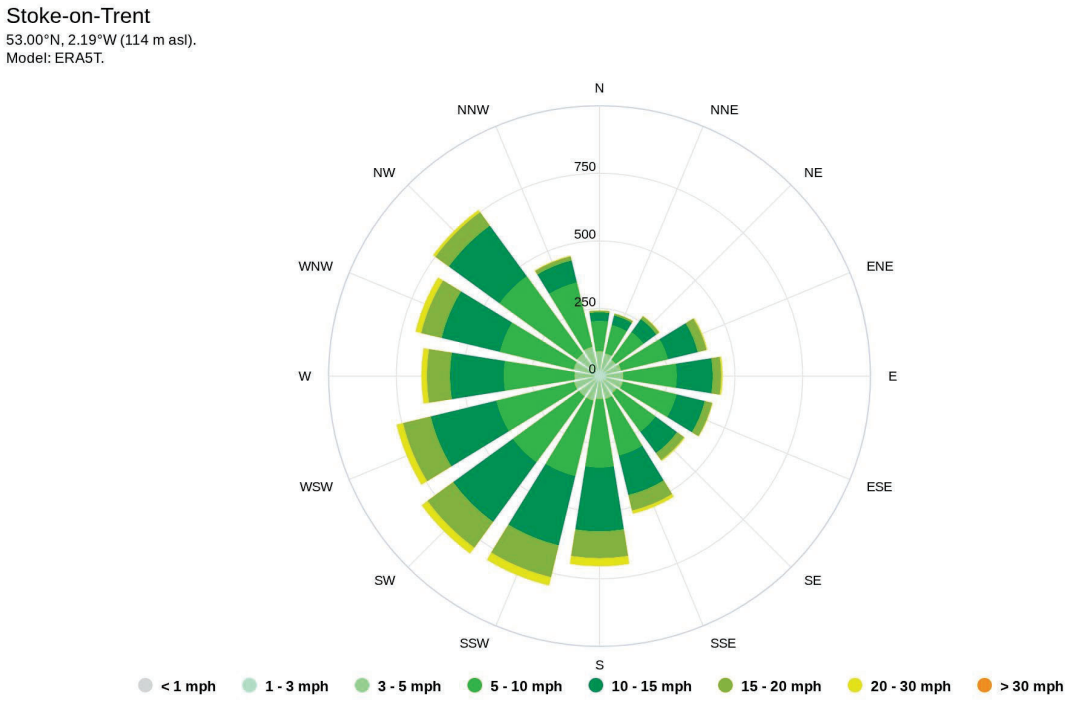
1.1 Sensitive Receptors

Location of potentially sensitive receptors

Receptor reference	Land use e.g. house, school, hospital, commercial	Direction from site	Direction descriptor	Approximate distance to site boundary (m)	Sensitivity to dust Low (e.g. footpath/road) Medium (e.g. industrial / commercial workplace) High (e.g. housing / pub / hotel etc.)
R1	Newpark Plantation	Southwest	Hem Heath Wood & Newstead Wood LWS / protected habitats area	Common boundary on one corner	Low
R2	Industrial/Commercial estate	South & East	Industrial/Commercial	10m	Medium
R3	A5035 road	North	Transport	400m	Low
R4	Nearest residential	Northeast	Residential	440m	High
R5	Hem Heath retail centre	North	commercial	450m	Medium
R6	NG Healthcare	Northwest	Residential care	510m	High
R7	HEM Heath nature reserve	Northwest	Hem Heath Wood & Newstead Wood LWS / protected habitats area	720m	Low
R8	Hospice	Northwest	Residential care	720m	High
R9	Newstead primary school	East	Education	730m	High
R10	Newstead wood	South	Hem Heath Wood & Newstead Wood LWS / protected habitats area	780m	Low

The sensitive receptors listed above are shown on key receptor plan VES_DTO_STOKE_100_008 as well as the EA local wildlife site and protected habitats maps provided in Appendix A.

Wind rose (most common wind direction is towards the north east)



Source: https://www.meteoblue.com/en/weather/historyclimate/climatemodelled/stoke-on-trent_united-kingdom_2636841

2. Operations at StokeTransfer Station

2.1. Waste Deliveries to the Site

Waste is delivered to site using the local road infrastructure and access road to site. Vehicle types will include Articulated trailers, MCV and Roll on/ off type vehicles. All containers will be sheeted/ covered to reduce dust emissions while in transit. All waste delivery vehicles will be weighed and recorded using the on site weighbridge system.

All customers are instructed to sheet/ cover all loads which are delivered to the site. If any loads are tipped on site which are identified as dusty, they will follow the procedure below.

With the exception of glass and waste wood which will be stored in external bays, all deliveries of waste will be tipped within the Transfer building.

Dusty loads - If any loads are identified as potential for being dusty during the unloading process are to stop as soon as identified. If, following assessment, it is identified that the load is too dusty, the load should be rejected.

The site layout showing potential dust emission and storage areas is included at Appendix A.

If any loads are identified as potentially dusty during unloading i.e. due to emissions as the process is carried out, further unloading of the vehicle will be ceased. If, following assessment, it is deemed that the load is too dusty to be processed without causing pollution, the load should be rejected. Assessment of the load as unsuitable for processing will be based on training, operational experience and knowledge of plant capability and performance across a range of inputs.

2.2. Waste Shredding

No waste shredding or other treatment activity will take place on site.

2.3. Storage Areas

Appendix A Drawing VES_DTO_STOKE_300_005 shows the waste storage areas. The facility does not accept inherently dusty wastes and the potential for dust pollution from the storage is therefore low. While the site is not operational the doors remain closed to ensure no emissions of dust occurs while the site is unattended.

All areas for the storage and loading of waste are surfaced with impermeable concrete.

The operational area will be cleaned regularly to clear dust deposition that could be resuspended.

2.4. Mobile Plant & Equipment

Nitrogen Dioxide gas is a by-product of internal combustion engines and the site uses several items of plant with internal combustion engines. The following table lists the type, mobile and emission ratings for the mobile plant and equipment used on site:

Table 2.2 - Onsite mobile plant emission ratings

Description	Make	Model	Emission Rating
Jcb Telehandler	JCB	550-80	Stage 4
360 Grab	Caterpillar	MH3022	Stage 4

All plant will be maintained in accordance with the manufacturers maintenance and inspection specification. Servicing is carried out by recognised agents.

3. Dust and Particulate Management

3.1. Responsibility for Implementation of the DEMP

The following managers are responsible for the DEMP at Stoke Transfer Station:

Manager	Job title / role
Lee Hollins	Stoke Depot Business Manager (WAMITAB & CMS qualified)
Robert Sutton	Operations Manager (CMS qualified)

Veolia also has a central support function including a team of Risk & Assurance Advisors and Fleet Department who carry out periodic audits at sites across the group including written management plans.

3.2. Sources and Control of Fugitive Dust/Particulate Emissions

Source-Pathway-Receptor Routes

Source	Pathway	Type of impact	Where relationship can be interrupted
Mud	tracking dust on wheels and vehicles, then mud dropping off wheels/vehicles when dry	Visual soiling, also consequent resuspension as airborne particulates	Waste types handled are unlikely to be a source of mud. Remove mud before vehicles leave the site.
Debris	falling off lorries	Visual soiling, also consequent resuspension as airborne particulates	Cover loaded lorries before leaving the site. Requirement for all deliveries to be sheeted or netted if not in fully enclosed containers / vehicles.
Tipping, storage and sorting of wastes in the open	Atmospheric dispersion	Visual soiling and airborne particulates	With the exception of glass and waste wood, all deliveries unloaded within the building. Minimise source strength by means of low drop heights.
Vehicle exhaust emissions	Atmospheric dispersion	Airborne particulates	Regulatory controls and best-practice measures to minimise source strength.
Non road going machinery exhaust emissions	Atmospheric dispersion	Airborne particulates	Regulatory controls and best-practice measures to minimise source strength.

Storage piles	Atmospheric dispersion	Airborne particulate	Enclosed building with fast acting doors. Only glass and waste wood stored in external bays.
Mobile plant movements	Atmospheric dispersion	Airborne particulate	Ensure good housekeeping of the process area. Sweep the process area periodically when necessary.

The Stoke Waste Transfer Station is located in a predominantly industrial area providing other potential sources of dust generation including the adjacent road network.

Measures that will be used on site to control dust/particulates (PM_{10}) and other emissions

Abatement Measure	Description / Effect	Overall consideration and implementation	Trigger for implementation
Preventative Measures			
Pre acceptance criteria	Minimising the potential for dusty waste to arrive on site	Measures in place for all incoming waste.	Routine. Investigation carried out if waste arrives dustier than expected.
Site Speed limit, 'no idling' policy and minimisation of vehicle movements on site	Reducing vehicle movements and idling should reduce emissions from vehicles. Procurement policy to only purchase clean burn road vehicles and non-road going mobile machinery.	Site signs showing speed limit. Regular site inspections to check compliance. Loading shovels have telemetry which reports idle time.	In use at all times during site operations
Good housekeeping	Having a consistent, regular housekeeping regime that is supported by management, will ensure the site is regularly checked and issues remedied to prevent and remove dust and particulate build up.	Site operations staff to ensure good housekeeping at all times. daily cleaning to take place.	In use at all times during site operations
Sheeting of vehicles	Prevents the escape of debris, dust and particulates from vehicles as they travel.	Customer/ hauliers notified of sheeting vehicle requirements	In use at all times during site operations
Hosing of vehicles on exit (As required)	May remove some dirt, dust and particulates from the lower parts of vehicles although likely to be less effective than a more powerful wheel wash.	If delivery vehicles become dusty from the discharged waste. Hose down the vehicle on the process pad to remove any debris.	Waste acceptance. If the vehicles become dusty e.g during dry periods.

Easy to clean concrete impermeable surfaces	Creating an easy to clean impermeable surface, using materials such as concrete as opposed to unmade (rocky or muddy) ground within the site and on site haul roads. This should reduce the amount of dust and particulate generated at ground level by vehicles and site activities.	Process areas are on a concrete impermeable surface.	In use at all times during site operations
Minimisation of waste storage heights and volumes on site	Minimising the height at which waste is handled should reduce the distance over which debris, dust and particulates could be blown and dispersed by winds. Reducing storage volumes should reduce the surface area over which particulates can be mobilised.	Storage piles will be managed to reduce the pile height	In use at all times during site operations. Storage pile height - 4m
Remedial Measures			
On-site sweeping	Sweeping could be effective in managing larger debris, dust and particulates but may also cause the mobilisation of smaller particles. Road sweeping vehicles damp down dust and particulates whilst brushing and collecting dust and particulates from the road surface, particularly at the kerbside. This may generate dust and particulate movement that may become a Health and Safety issue if the filters and spray bars on the sweepers are not maintained.	Road sweepers to be used if the surface requires cleaning.	To be used as required. Site is monitored regularly and requests made to Admin Office for road sweeper ad hoc hire if required.
Dust and odour suppression system	A dust & odour suppression system is fitted around the key operational areas and used to prevent the build-up of airborne dusts and smells when required	Dynamic observation of the process area surface should be carried out. Dampen down with water as required.	Dynamic assessment. Use can be increased during dry weather.

Water suppression with hoses & water jets	Damping down of site areas using hoses can reduce dust and particulate re-suspension and may assist in the cleaning of the site if combined with sweeping.	Dynamic observation of the process area surface should be carried out. Dampen down with water as required.	Dynamic assessment. Use can be increased during dry weather.

3.3. Enclosure of Waste Processing & Storage Areas

The building is fully enclosed with electrically operated roller shutter doors minimising potential dust emission outside of operating hours.
External storage bays are only used for storage of glass and waste wood.

3.4. Visual Dust Monitoring / Observations

Based on the pre-acceptance and other controls in place the potential for unacceptable dust emissions off site is considered to be low. Veolia will therefore undertake dust monitoring dynamically based on the following criteria:

- Observation by trained staff that dust pollution is or may be occurring
- Receipt of waste which is deemed to be dusty / potentially dusty but a decision is made that the material can be processed without causing pollution
- Any abnormal operation where there is considered to be a risk of dust pollution
- If notified a complaint is received externally
- If instructed to undertake a check by the Environment Agency

Ensuring staff are trained to undertake monitoring in this manner ensures that the reasons for making a decision to carry out monitoring are well understood and it minimises the exercise becoming purely administrative and therefore of little value / devalued over time.

3.5. On site and off site monitoring

Trained staff will determine what combination of on and off site odour monitoring is appropriate based on the following principles.

- Where on site checks identify pollution is or may be occurring off site checks should be carried out.
- Where an external complaint has been received both on and off site checks should be carried out.

Should the site be subject to regular complaints or as deemed appropriate by site management, routine periodic monitoring may be instigated.

If dust is identified the actions in section 5 should be completed identifying the root cause and implementing remedial measures.

4. Particulate Matter Monitoring

Given the nature of the wastes accepted, the type of operation and the controls in place as described above it is not considered that PM_{10} monitoring is necessary. Should PM_{10} particulates be an issue at the site a revised DEMP will be submitted including a detailed monitoring programme.

4.1. Visual Dust Monitoring

Daily off site perimeter inspections will take place to ensure dust emissions will not cause a nuisance.

Any visual signs of dust emissions leaving the site are to be reported to the responsible managers as shown in section 3.1.

5. Reporting and Complaints Response

Following a complaint relating to dust from the site the following will apply:

- Investigate the complaint
- Complete all details on the Veolia - AVA reporting/escalation system.
- Respond to complainant following investigation

5.1. Engagement with the Community

Community engagement is key to Veolia operations and local residents will be able to contact the site manager directly should they wish to discuss any concerns. The site manager or supervisor will visit any complainant to substantiate and discuss the issue. A record of any community engagement will be shared with the local EA officer.

5.2. Reporting of Complaints

All reports of complaint will be recorded on the Veolia AVA reporting/escalation system

5.3. Management Responsibilities

Site ID board displays contact details for site management and out of hours notification. Managers in section 3.1 are responsible for ensuring the compliance of the DEMP.

6. Summary

The Stoke Transfer Station is committed to continuously reduce levels of fugitive dust generated by our operations and is sensitive to the concerns of neighbouring businesses regarding the levels of dust experienced. The site will ensure systems that facilitate communication with the site neighbours are maintained.

- Dust is predominantly controlled at source by good operational practices and the correct use and maintenance of plant;
- All potential sources of dust likely to arise at the facility are identified;
- Both staff and people outside of the site are not exposed to levels of dust that would result in annoyance and health issues;
- All appropriate measures are taken to minimise dust from the facility that may be considered offensive at locations outside of the installation boundary; and
- The risk of dust related incidents are minimised by anticipating and planning the appropriate measures to control the dust accordingly.

7. Periodic Review

The DEMP will be reviewed updated as appropriate based on the following criteria:

- Annually
- Following an incident which resulted in actual or potential dust pollution.
- Following instruction by the Environment Agency under condition 3.2 of the environmental permit

Dust Complaint Form

Customer Details	
Customer Name -	
Address -	
Postcode -	
Customer Contact Details -	
Tel -	
Email -	
Date -	
Complaint Ref Number -	
Complaint Details -	

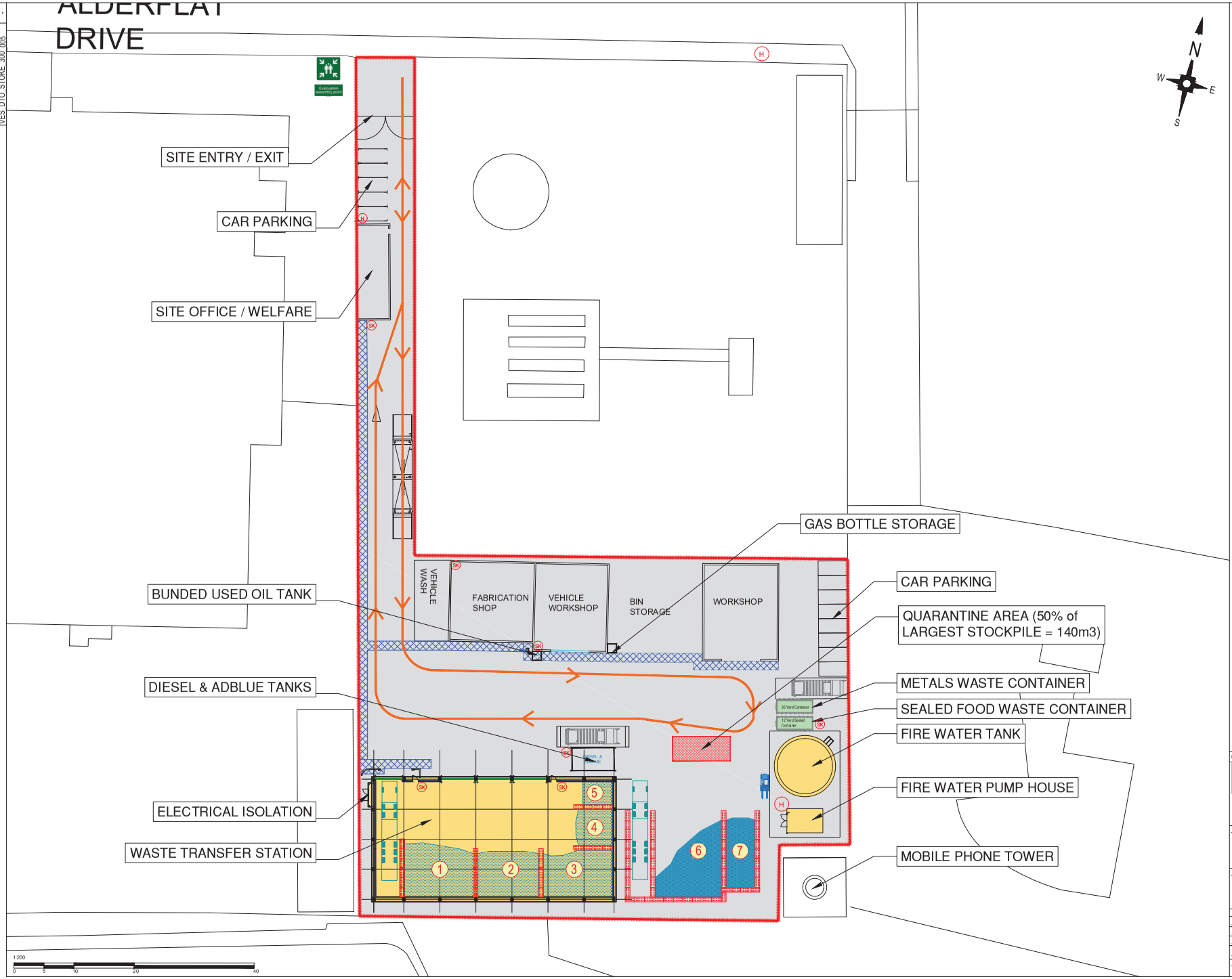
Investigation Details	
Investigation carried out by -	
Position -	
Date & time investigation carried out -	
Weather conditions -	
Wind direction and speed -	
Investigation findings -	

Feedback given to Environment Agency and/or local authority -	
Date feedback given -	
Feedback given to public -	
Date feedback given -	
Review and Improve	
Improvements needed to prevent a recurrence -	
Proposed date for completion of the improvements -	
Actual date for completion -	
If different insert reason for delay -	
Does the dust management plan need to be updated -	
Date that the dust management plan was updated -	
Closure	
Site manager review date	
Site manager signature to confirm no further action required	

Appendix A

Drawings
VES_DTO_STOKE_300_005
VES_DTO_STOKE_100_008

EA local wildlife site and protected habitats maps



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5. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARING ANY WORKING DRAWINGS OR COMMENCING ON SITE.

6.PLEASE ENSURE DRAWING LICENCE DATE IS STILL VALID. ALL LICENCES ARE 12 MONTH UNLESS OTHERWISE STATED.

PERMIT BOUNDARY
CONCRETE HARDSTANDING
SAFE PEDESTRIAN ROUTE
EVACUATION ASSEMBLY POINT
HYDRANT LOCATIONS
SPILL KIT LOCATIONS
CONCRETE PUSHWALLS (MODULAR) (2HR FIRE RATING)
CONCRETE PUSHWALLS (2 HR FIRE RATED)
EMERGENCY VEHICLE ROUTES

Rev	Description of revision	Drawn	Chkd	App	Date

VEOLIA

Technical Direction
8th Floor, 210 Pentonville Road, London, N1 9JY
Tel: 0207 812 5189

Project: STOKE WTS
ALDERFLAT DRIVE, TRENTHAM
STOKE, ST4 8HX

Title: FIRE PREVENTION PLAN

	Initials	Date	Scale	Sheet size
Drawn	RB	19.05.25	1:200	A0
Checked				
Approved				

Job No. STOKE

Drawing No. VES_DTO_STOKE_300_005

Revision -

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PERMIT BOUNDARY

1km RADIUS

RESIDENTIAL AREA

Rev	Description of revision	Drawn	Chkd	App	Date

VEOLIA

Technical Direction,
8th Floor, 210 Pentonville Road, London. N1 9JY
Tel: 0207 812 5185

Project

STOKE WTS/DEPOT

Title

KEY RECEPTORS PLAN

	Initials	Date	Scale	Sheet size
Drawn	RB	21.04.21	1:2500	A1
Checked				
Approved			© Copyright Reserved	

Job No. STOKE

Drawing No. VES_DTO_STOKE_100_008

Revision -

Drawing No. VES_DTO_STOKE_100_008

Revision -

Local Wildlife Sites

Environment Agency

Local Wildlife Sites
Local Wildlife Sites
Markup
Override 1
Override 1
Override 1

Scale: 1:12,339

0 100 200 300 400 500 m

N

Protected Habitats

Environment Agency

Protected Habitats screened for Environmental Permits

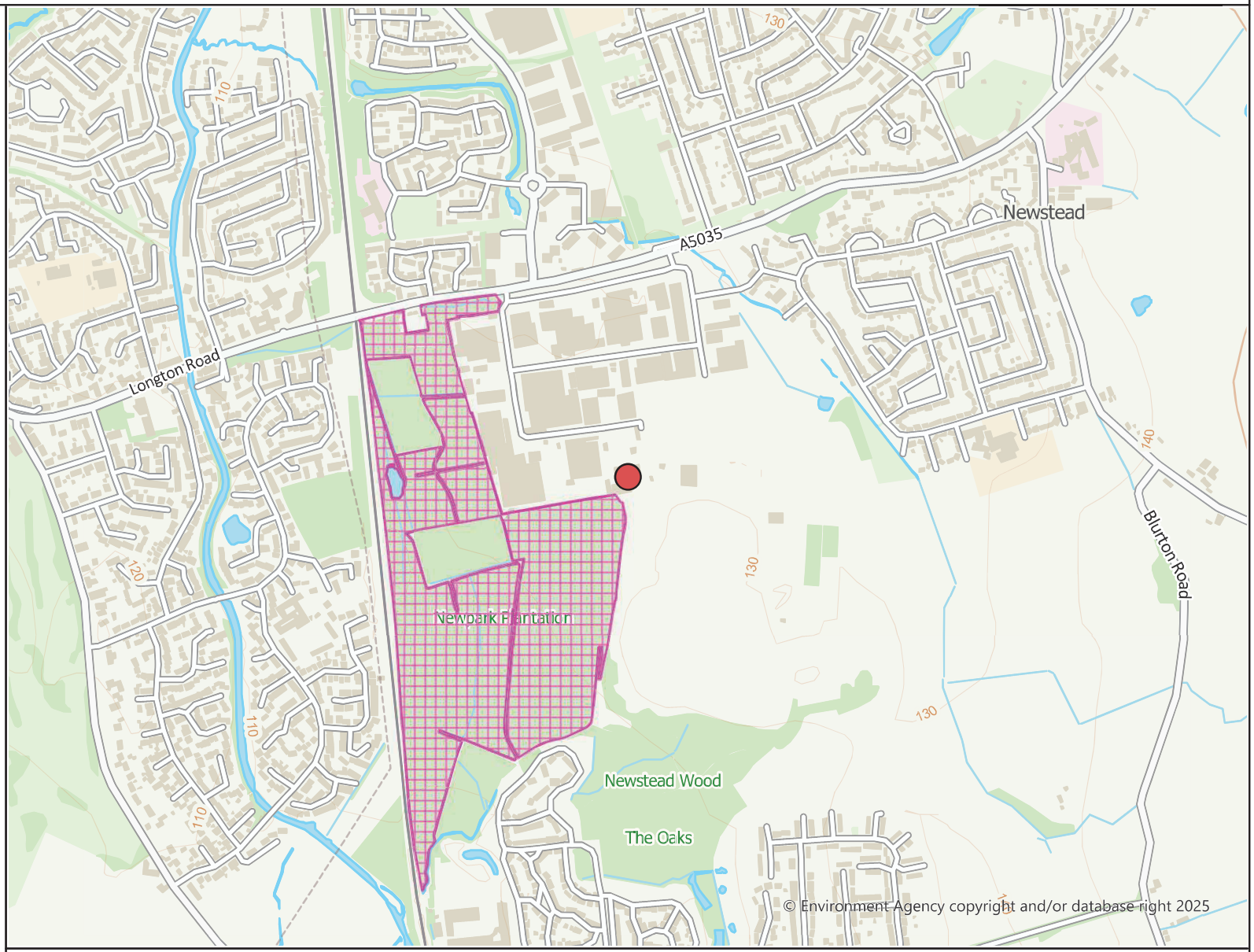
Protected Habitats screened for Environmental Permits

Markup

Override 1

Override 1

Override 1



Scale: 1:12,339

0 100 200 300 400 500 m

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