

Mayton Wood Quarry

Environmental Permit Application

Environmental Risk Assessment

December 2020

Prepared on behalf of Mick George Limited



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1.0 Introduction

1.1 Report Scope

- 1.1.1 This section of the Environmental Permit Application corresponds to Section 6 of Part B2 of the Environmental Permit Application forms, and has been prepared on behalf of the operator, Mick George Limited (Mick George) by WYG.
- 1.1.2 Mick George seeks to gain an Environmental Permit for the restoration of the proposed extension area of Mayton Wood Quarry through the importation of inert waste materials to facilitate the restoration scheme (Drawing Number M35/F/19/04).
- 1.1.3 This Environmental Risk Assessment (ERA) is limited to a qualitative assessment of the potential risk to the environment and human health specifically related to the proposed activity. This report will identify any significant risk and demonstrate that the risk of pollution will be acceptable by taking the appropriate measures to manage the risk.

2.0 Environmental Risk Assessment

2.1 Methodology

2.1.1 This report has been prepared following Environment Agency Risk Assessment guidance. It specifically relates to the potential risks associated with the following risk types:-

- Odour;
- Noise and vibration;
- Fugitive emissions; and
- Accidents and incidents.

2.1.2 This risk assessment addresses the above, and is based on the following methodology:-

- Identification of potential sources of risk;
- Identification of all potential receptors to risk; and
- Risk assessment of each risk type.

2.1.3 The ERA is a tool used to identify the pollutant linkage i.e. source – pathway – receptor. For most risks, the atmosphere is the main pathway and will always exist. Therefore, the ERA deals primarily with the sources and receptors. The ERA is provided in Appendix A and is summarised below.

2.1.4 A 'Nature and Heritage Conservation Screen' (EPR/JB3007FU/A001) was requested from the Environment Agency. The screen determines the presence of any site of nature and heritage conservation, or protected species or habitats that may be impacted by the proposal. A copy of the results is attached to this report in Appendix B.

2.1.5 The results of the screen identified a nature and heritage conservation site, a protected species and protected habitats within the respective screening distances. These findings of the screen are set out below;

- 'Disused Gravel Pit' - Local Wildlife Site (LWS);
- Deciduous Woodland (Protected Species); and
- Lowland Heathland (Protected Species).

2.1.6 The potential sources of risks have been considered for each risk type, as shown in Appendix A. The sources of risk for this application have been identified as:-

Noise

- Plant and machinery.
- Vehicle movements to/from the site.
- Vehicle movements within the site.
- Engineering works.

Fugitive emissions

- Odour.
- Particulate matter (dust).
- Mud and litter.
- Scavenging birds, pests and vermin.

Accidents

- Leaks/spillages.
- Fire or failure to contain firewater.
- Flooding.
- Vandalism.

2.2 Pathways

2.2.1 The pathways have been identified for each risk type as shown below in Table 1:-

Table 1: Potential Pathways

Risk Type	Pathway
Odour	Atmosphere
Noise	Atmosphere
Fugitive emissions	Atmosphere
Accidents	Atmosphere
	Surface water run-off
	Infiltration
	Percolation

2.3 Receptors

2.3.1 Receptors within 1km of the proposed application boundary, including those identified in the Nature and Heritage Screen, have been listed in Table 2 and are shown on Drawing Number MGL/A116126/REC/01. The main pathway for the identified sources will be the atmosphere and as such, atmospheric conditions can affect dispersion rates and hence potential risk. As a result, the location of each receptor in relation to the site may influence the potential impact of the risk, as summarised in Table 2.

Table 2: Location of potential receptors in relation to the proposed activity

ID	Receptor	Direction from Operational Area	Minimum Distance from the Permit Application Boundary (approx. m)
Designated ecological habitats/sites of geological importance e.g. Ramsar, SAC, SPA, SSSI, LNR, NNR, LWS			
1	Disused Gravel Pit LWS	E	125
Domestic Dwellings			
2	Ruby Cottage (Coltishall Road)	W	<10
3	Dwelling adjacent Ruby Cottage (Coltishall Road)	W	<20
4	The Heath (Coltishall Road)	W	<20
5	Heath Cottage (Coltishall Road)	W	75
6	Heath Farm House (Coltishall Road)	W	100
7	Dwellings off The Heath road & Sandy Lane	W	160
8	Three dwellings on Old Cromer Road	E	225
9	West Lodge and Park Lodge (Coltishall Road)	S	230
10	Patches Farm (Carters Lane)	W	400
11	Park Farm (off Buxton Road)	S	450
12	Dwellings on the corner of Sandy Lane	W	495
13	Quastina (Sandy Lane)	W	495
14	Three dwellings on 'The Belt'	E	560
15	Hallstead Farm and Hall Farm (off Old Cromer Road)	E	570
16	Patches Cottage (off Old Church Road)	SW	670
17	The Beeches (Coltishall Road)	N	725
18	Mayton Farmhouse (off Old Cromer Road)	E	780
19	Langmere Farm (Church Lane)	S	825
20	Pinewood (Old Cromer Road)	E	860
21	Four Winds Bungalow (Old Cromer Road)	SW	885
22	Fendyke House (off Little Hautbois Road)	N	975
23	Dwellings in Buxton (village)	N	1000
Commercial and Industrial Premises			
24	Mayton Wood Quarry	NE	<10
25	Mayton Wood Recycling Centre	E	<20
26	Horstead Quarry	SE	435
27	Langmere Lake Lodges	S	750
Schools / Hospitals / Shops/Amenities		N/A	N/A
Roads			

28	Coltishall Road	W	<10
29	Old Cromer Road	SE	<10
30	Sandy Lane	W	<20
Grade II Listed Buildings (G2LB) & Scheduled Monuments (SM);			
31	Mayton Hall G2LB	E	840
32	Mayton Bridge G2LB & SM	E	910
Priority Habitats			
33	Priority Habitat Inventory Deciduous Woodland and National Forest Inventory Broadleaved Woodland	E / SE	<20
34	Priority Habitat Inventory – Lowland Heathland	E	45
35	Priority Habitat Inventory – Good quality semi-improved grassland	SE	100
36	National Forest Inventory – Woodland - Conifer	N	395
Sensitive land uses e.g. farmland, allotments, commercial fish farms			
37	Agricultural Land	N, E, S, W	<20
Public Rights of Way			
38	Frettenham Footpath 2	N/A	Within Site Boundary
39	Frettenham Footpath 1	W	<20
40	Frettenham Footpath 3	E	<20
Surface Water e.g. rivers and streams			
41	Site Drain	N/A	Within Site Boundary
42	Lagoons	N/A	Within Site Boundary
43	River Bure (supports European eel, protected species, and is a migratory route for European eel)	NW	900
Groundwater (sensitivity)			
According to the Multi-Agency's Geographic Information for the Countryside's (MAGIC) website, the site is not situated within a Groundwater Source Protection Zone (GSPZ).			

2.4 Risk Assessment

2.4.1 The ERA (Appendix A) looks at each specific hazard identified and assesses the likelihood of those hazards impacting on the receptors. This is achieved by fulfilling the following objectives:-

- Identify the location and nature of each hazard;
- Identify the specific receptors potentially at risk and assess the sensitivity of each receptor;
- Provide a qualitative assessment of the risk posed to each sensitive receptor;
- Identify management and monitoring techniques; and
- Provide recommendations for more detailed assessments where necessary.

2.5 Summary of ERA

- 2.5.1 The ERA (Appendix A) indicates that the proposed development will have no significant impacts in terms of odour, noise and vibration, and fugitive emissions, and the likelihood of accidents is minimal.

Drawings

MGL/A116126/REC/01 - Receptor Plan

M35/F/19/04 - Restoration Scheme

M35/F/19/03 - Working Scheme

Appendices

Appendix A – Amenity and Accident Risk Assessment

Table A1 – Odour Risk Assessment and Management Plan

What do you do that can harm and what could be harmed?			Managing the risk	Assessing the risk		
Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
Receipt and storage of odorous wastes	Occupiers of domestic dwellings and nearby villages listed in Table 2 above. Workforce in commercial and industrial properties identified in Table 2.	Atmosphere	The proposed waste types are not putrescible and therefore will not biodegrade to produce offensive odours. There will be strict waste acceptance procedures in place to minimise the risk of non-compliant wastes being accepted. Details of the waste acceptance procedures are provided in the Operating Techniques (Appendix B of the Environmental Permit Application). All site operatives will be vigilant with regard to identifying non-compliant wastes and any non-conformances or odour issues will be reported to the Site Manager.	Unlikely due to the nature of the proposed waste types and the measures in place.	Odour annoyance	Not significant due to the proposed waste types to be used will not biodegrade and will therefore not produce offensive odours. In addition, management techniques employed will minimise odour release.

Table A2 – Noise and Vibration Risk Assessment and Management Plan

What do you do that can harm and what could be harmed?			Managing the risk	Assessing the risk		
Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
Vehicle movements on site.	<p>Occupiers of domestic dwellings listed in Table 2 above.</p> <p>Workforce in commercial and industrial properties identified in Table 2.</p> <p>Priority Habitats listed in Table 2 above.</p> <p>Local Wildlife Site listed in Table 2.</p> <p>Agricultural land listed in Table 2 above.</p>	Atmosphere	<p>Loads will only be delivered to the site during the hours stipulated in the planning permission. As detailed in the Non-Technical Summary, a planning application was submitted in November 2019 for the proposed development. Based on the planning application it is proposed that the site will operate during the following hours:-</p> <ul style="list-style-type: none"> Monday to Friday: 07:00 – 18:00; and Saturday: 07:00 – 13:00. <p>A decision on the planning application has yet to be made by Norfolk County Council and therefore these hours may be subject to change.</p> <p>The delivery of waste will take place in a controlled manner to keep noise/vibration to a minimum.</p> <p>As detailed on the Working Scheme (Drawing Number M35/F/19/03), a series of bunds will be placed along the western boundary of the site using topsoil and subsoil from the initial phase of working. This will minimise the potential for noise to impact receptors that are situated beyond the site boundary.</p> <p>All plant and machinery will have effective silencers where practicable and be maintained in accordance with the manufacturer’s requirements to minimise the risk of mechanical failure which could result in increased noise emissions.</p>	Intermittent during operating hours.	Intermittent noise and vibration disturbance.	Not significant due to management techniques employed.

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			<p>All equipment and vehicles when not in regular use shall be switched off.</p> <p>Noise will be managed in accordance with the Noise Impact Assessment and Management Plan that's provided as Appendix L of this environmental permit application.</p> <p>All noise and vibration generating activity will be monitored closely and site operatives will be vigilant and report any excessive noise or vibration issues to the Site Manager.</p>			
Noise from reverse vehicle warnings	<p>Occupiers of domestic dwellings listed in Table 2 above.</p> <p>Workforce in commercial and industrial properties identified in Table 2.</p> <p>Priority Habitats listed in Table 2 above.</p> <p>Local Wildlife Site listed in Table 2.</p> <p>Agricultural land listed in Table 2 above.</p>	Atmosphere	<p>All noise generating activities will be undertaken during the hours stipulated in the planning permission. As detailed in the Non-Technical Summary, a planning application was submitted in November 2019 for the proposed development. Based on the planning application it is proposed that the site will operate during the following hours:-</p> <ul style="list-style-type: none"> Monday to Friday: 07:00 – 18:00; and Saturday: 07:00 – 13:00. <p>A decision on the planning application has yet to be made by Norfolk County Council and therefore these hours may be subject to change.</p> <p>As detailed on the Working Scheme (Drawing Number M35/F/19/03), a series of bunds will be placed along the western boundary of the site using topsoil and subsoil from the initial phase of working. This will minimise the potential for noise to impact receptors that are situated beyond the site boundary.</p> <p>Noise will be managed in accordance with the Noise Impact Assessment and Management Plan that's provided as Appendix L of this environmental permit application.</p> <p>All noise and vibration generating activity will be monitored closely and site operatives will be vigilant and report any excessive noise or vibration issues to the Site Manager.</p>	Intermittent during operating hours.	Intermittent noise and vibration disturbance.	Not significant due to management techniques employed.

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<p>Noise and vibration from loading and unloading of wastes</p>	<p>Occupiers of domestic dwellings listed in Table 2 above.</p> <p>Workforce in commercial and industrial properties identified in Table 2.</p> <p>Priority Habitats listed in Table 2 above.</p> <p>Local Wildlife Site listed in Table 2.</p> <p>Agricultural land listed in Table 2 above.</p>	<p>Atmosphere</p>	<p>All noise generating activities will be undertaken during the hours stipulated in the planning permission. As detailed in the Non-Technical Summary, a planning application was submitted in November 2019 for the proposed development. Based on the planning application it is proposed that the site will operate during the following hours:-</p> <ul style="list-style-type: none"> Monday to Friday: 07:00 – 18:00; and Saturday: 07:00 – 13:00. <p>A decision on the planning application has yet to be made by Norfolk County Council and therefore these hours may be subject to change.</p> <p>All plant and machinery will have effective silencers where practicable and be maintained in accordance with the manufacturer’s requirements to minimise the risk of mechanical failure which could result in increased noise emissions.</p> <p>The loading/unloading of wastes will be undertaken in a controlled manner to keep noise/vibration to a minimum. Vehicles will be directed by site operatives to minimise the drop height when depositing loads at the site.</p> <p>As detailed on the Working Scheme (Drawing Number M35/F/19/03), a series of bunds will be placed along the western boundary of the site using topsoil and subsoil from the initial phase of working. This will minimise the potential for noise to impact receptors that are situated beyond the site boundary.</p> <p>Noise will be managed in accordance with the Noise Impact Assessment and Management Plan that’s provided as Appendix L of this environmental permit application.</p> <p>All noise and vibration generating activity will be monitored closely and site operatives will be vigilant and report any excessive noise or vibration issues to the Site Manager.</p>	<p>Intermittent during operating hours.</p>	<p>Intermittent noise and vibration disturbance.</p>	<p>Not significant due to management techniques employed.</p>
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<p>Noise and vibration from waste deposits & engineering works.</p>	<p>Occupiers of domestic dwellings listed in Table 2 above.</p> <p>Workforce in commercial and industrial properties identified in Table 2.</p> <p>Priority Habitats listed in Table 2 above.</p> <p>Local Wildlife Site listed in Table 2.</p> <p>Agricultural land listed in Table 2.</p>	<p>Air</p>	<p>All noise generating activities will be undertaken during the hours stipulated in the planning permission. As detailed in the Non-Technical Summary, a planning application was submitted in November 2019 for the proposed development. Based on the planning application it is proposed that the site will operate during the following hours:-</p> <ul style="list-style-type: none"> • Monday to Friday: 07:00 – 18:00; and • Saturday: 07:00 – 13:00. <p>A decision on the planning application has yet to be made by Norfolk County Council and therefore these hours may be subject to change.</p> <p>All plant and machinery will have effective silencers where practicable and be maintained in accordance with the manufacturer’s requirements to minimise the risk of mechanical failure which could result in increased noise emissions.</p> <p>All plant and equipment will be switched off when not in regular use.</p> <p>As detailed on the Working Scheme (Drawing Number M35/F/19/03), a series of bunds will be placed along the western boundary of the site using topsoil and subsoil from the initial phase of working. This will minimise the potential for noise to impact receptors that are situated beyond the site boundary.</p> <p>Noise will be managed in accordance with the Noise Impact Assessment and Management Plan that’s provided as Appendix L of this environmental permit application.</p> <p>All noise and vibration generating activity will be monitored closely and site operatives will be vigilant and report any excessive noise or vibration issues to the Site Manager.</p>	<p>Intermittent during operating hours.</p>	<p>Intermittent noise and vibration disturbance.</p>	<p>Not significant due to management techniques employed.</p>
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Table A3 – Fugitive Emissions Risk Assessment and Management Plan

What do you do that can harm and what could be harmed?			Managing the risk	Assessing the risk		
Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
To Air						
Dust from haul roads.	Occupiers of domestic dwellings listed in Table 2 above. Workforce in commercial and industrial properties identified in Table 2. Priority Habitats listed in Table 2 above. Local Wildlife Site listed in Table 2. Agricultural land listed in Table 2.	Atmosphere	Any waste vehicles or haul roads that gather significant amounts of dust will be dampened or washed as and when necessary. The site will also be subject to the use of a water bowser which will be implemented as necessary to suppress any dust left on the hardstanding due to vehicle movements. Wastes being delivered to the site will be covered or sheeted to prevent the generation of dust while the waste is in transit. Vehicle speeds will be limited on site and access road to prevent re-suspension and entrainment of dust. As shown on the Working Scheme (Drawing Number M35/F/19/03), the site will benefit from a wheel wash which will be located on the access road. This will be used by all outgoing vehicles to minimise the risk of dust to develop. Dust will be managed in accordance with the Dust Management Plan that's provided as Appendix M of this environmental permit application. The Site Manager will undertake a daily visual assessment of dust levels and all site operatives will be vigilant and report any problems to the Site Manager.	Dust could potentially reach the nearby dwellings when a strong wind blows in their direction. Management actions should prevent this happening.	Local nuisance – dust on cars, clothing, vegetation, etc. Smothering. Nutrient enrichment.	Not significant due to management techniques employed.

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Dust emissions generated during unloading inert waste from tipping lorries.	Occupiers of domestic dwellings listed in Table 2 above. Workforce in commercial and industrial properties identified in Table 2. Priority Habitats listed in Table 2 above. Local Wildlife Site listed in Table 2. Agricultural land listed in Table 2.	Atmosphere	A water bowser will be used to dampen site roads and stockpiles if deemed necessary. The loading/unloading of wastes will be undertaken in a controlled manner to keep dust emissions to a minimum. Extra care will be taken with the deposit of waste during periods of prolonged dry weather or high winds. Dust will be managed in accordance with the Dust Management Plan that's provided as Appendix M of this environmental permit application. The Site Manager will undertake a daily visual assessment of dust levels and all site operatives will be vigilant and report any problems to the Site Manager.	Dust could potentially reach the nearby dwellings when a strong wind blows in their direction. Management actions should prevent this happening.	Local nuisance – dust on cars, clothing, vegetation, etc. Smothering. Nutrient enrichment.	Not significant due to management techniques employed.
To Water						
Contaminated rainwater run-off.	Groundwater & Surface water Occupiers of domestic dwellings listed in Table 2.	Direct surface water run-off from site. Infiltration. Percolation.	The proposed waste types are inert and therefore non-hazardous. As such, any run-off that is generated on site will simply be rainwater which has passed through inert soils and therefore is not likely to be hazardous. There will be strict waste acceptance procedures in place at the site to prevent the acceptance of non-conforming waste types. Details of these procedures are detailed in the Operating Techniques (Appendix B of the Environmental Permit Application).	Unlikely due to the nature of the proposed wastes types and the measures in place.	Contamination of surface water bodies and groundwater.	Not significant due to management techniques employed and the inert nature of the waste types.
Pests/Scavenging birds						
Birds and Pests.	Occupiers of domestic dwellings listed in Table 2 above.	Air. Ground.	The proposed waste types are not putrescible and will not attract pests, vermin and/or scavenging birds. Strict waste acceptance procedures will be in place to ensure only permitted waste types are accepted. Details of	Very unlikely.	Nuisance to local residents. Predation of species in Priority Habitats	Not significant due to management techniques employed and the inert nature of the waste types.

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	<p>Workforce in commercial and industrial properties identified in Table 2.</p> <p>Priority Habitats listed in Table 2 above.</p> <p>Local Wildlife Site listed in Table 2.</p> <p>Agricultural land listed in Table 2.</p>		<p>these procedures are provided in the Operating Techniques (Appendix B of the Environmental Permit Application).</p> <p>The Site Manager will undertake regular reviews of pests and scavenging birds at the site. All site operatives will be vigilant and report any problems to the Site Manager.</p>		and Local Wildlife Site.	
Mud/Litter						
Mud arising from vehicles movements	Highways identified in Table 2.	Tracked by vehicles.	<p>Any waste vehicles that gather significant amounts of mud will be dampened or washed as and when necessary.</p> <p>As shown on the Working Scheme (Drawing Number M35/F/19/03), the site will benefit from a wheel wash which will be located on the access road. This will be used by all outgoing vehicles to minimise the risk of dust to develop.</p> <p>The amount of mud on local roads will monitored daily by site operatives.</p> <p>In the event that mud is deposited on the access road and/or highway then a road sweeper will be employed if necessary.</p>	Unlikely due to measures in place.	Mud on roads is unsightly and can increase the risk of road traffic incidents.	Not significant due to management techniques employed.
Litter arising from vehicle movements and high winds.	All receptors identified in Table 2.	<p>Air</p> <p>Tracked by vehicles.</p>	<p>Due to the nature of the proposed waste types, litter will not be generated at the site. The proposed waste types are not considered to represent a significant risk of litter.</p> <p>Strict waste acceptance procedures will be in place to ensure only permitted waste types are accepted. Details of</p>	Very unlikely due to measures in place.	Local nuisance.	Not significant due to the inert nature of waste received and management techniques employed.

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			<p>these procedures are provided in the Operating Techniques (Appendix B of the Environmental Permit Application).</p> <p>A vigilant watch for litter will be undertaken by site operatives. In the unlikely event that litter is generated by the activity, the Site Supervisor will implement a litter collection as necessary.</p>			
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Table A4 – Accident Risk Assessment and Management Plan

What do you do that can harm and what could be harmed?			Managing the risk	Assessing the risk		
Hazard	Receptor	Pathway	Risk Management	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
Fire or failure to contain firewater.	<p>Groundwater.</p> <p>Surface water features identified in Table 2.</p> <p>Occupiers of domestic dwellings listed in Table 2 above.</p> <p>Workforce in commercial and industrial properties identified in Table 2.</p> <p>Priority Habitats listed in Table 2 above.</p> <p>Local Wildlife Site listed in Table 2.</p> <p>Agricultural land listed in Table 2</p>	<p>Infiltration.</p> <p>Contaminated rainwater runoff.</p>	<p>The risk of fire is considered to be low as the proposed waste types are not flammable.</p> <p>There will be strict waste acceptance procedures in place to minimise the risk of non-compliant wastes being accepted which may be combustible in nature. Details of the waste acceptance procedures are provided in the Operating Techniques (Appendix B of the Environmental Permit Application).</p> <p>The Operator will undertake routine maintenance of all equipment in accordance with the manufacturer’s guidance. This will minimise the risk of mechanical failure which may result in an increased risk of combustion.</p> <p>Site notices and training will be undertaken regarding fire hazards.</p> <p>The Site Manager will be responsible for actions undertaken in the event of a fire.</p>	Very unlikely due to the nature of the waste types and the measures in place.	<p>Contamination of local groundwater and/or surface water.</p> <p>Local nuisance from smoke.</p>	Not significant due to the inert nature of waste types and likelihood of a fire on site.
Leaks/spillages of fuel/oil.	<p>Groundwater.</p> <p>Surface waters identified in Table 2.</p>	<p>Surface run-off.</p> <p>Infiltration.</p>	The operator will undertake regular maintenance of plant equipment in accordance with manufacturer’s guidance. This will minimise the risk of mechanical failure which may result in leaks.	Unlikely due to measures in place.	Contamination of land and watercourses.	Not significant due to management techniques employed.

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		Percolation	<p>All fuel, oil and lubricants will be contained within appropriate 110% bunded tanks. The tanks will be maintained and inspected in accordance with the manufacturer's recommendations.</p> <p>Daily vehicle / plant checks to ensure any fuel/oil leaks etc. are repaired as soon as possible.</p> <p>The Site Manager will be responsible for ensuring effective remediation and documenting any incident.</p>			
Flooding.	<p>Groundwater.</p> <p>Surface water bodies identified in Table 2.</p>	<p>Infiltration.</p> <p>Contaminated surface water runoff.</p>	<p>The site is not located in an area at risk of flooding.</p> <p>The waste is unlikely to cause contamination of groundwater through infiltration due to the nature of the proposed waste types. Due to the nature of the waste types which are proposed to be used, in the event that flood or surface water comes into contact with the wastes, significant pollution or contamination of groundwater or surface water is considered unlikely.</p> <p>The proposed activity will not result in an increase of impermeable surfacing and therefore will not increase the risk flooding.</p>	Unlikely due to measures in place in the nature of the proposed development.	<p>Disruption to works on site.</p> <p>Contamination of local groundwater and/or surface water.</p> <p>Contamination of local agricultural land.</p>	Not significant due to the management techniques employed, the nature of the waste types and the features of the site.
Vandalism.	<p>Surface water features identified in Table 2.</p> <p>Occupiers of domestic dwellings listed in Table 2 above.</p> <p>Workforce in commercial and industrial properties identified in Table 2.</p>	Unauthorised entry to the site.	<p>The site will have security fencing and site entrances will be protected by lockable gates, which will be kept locked outside of operating hours.</p> <p>The security fencing and gates will be inspected on a regular basis. Any identified damage to the fence or gates that could compromise the site security will be recorded and temporarily repaired as necessary before the end of that working day. Permanent repair or replacement will be undertaken as soon as practicable.</p> <p>There will be procedures in place which will require all visitors to the site to sign in on arrival and sign out on departure.</p>	Unlikely due to measures in place.	Release of polluting materials to air (smokes or fumes) water or land.	Not significant due to management techniques employed.

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	Priority Habitats listed in Table 2 above. Local Wildlife Site listed in Table 2. Agricultural land listed in Table 2.					
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Appendix B – Nature and Heritage Conservation Screen Results