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ENVIRONMENTAL RISK ASSESSMENT

for
EDEN WORKS TRANSFER STATION
KELBROOK, LANCASHIRE

Report No 112/1

October 2024

For

Blackburn Skips Limited
Handbridge Mill
Oxford Road
Burnley
BB11 3AZ

BBS WASTE MANAGEMENT SERVICES

DOCUMENT CONTROL

DOCUMENT TITLE	Environmental Risk Assessment
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DRAWINGS

1. INTRODUCTION

1.1 Report Context

1.1.1 Starling Environmental Limited (SEL) has been commissioned by Blackburn Skips Limited to prepare an environmental permit variation application for their waste transfer station at Eden Works, Colne Road, Kelbrook, Lancashire, BB18 6SH. The site is regulated under environmental permit EPR/JB3101SK.

1.1.2 The site currently operates under Standard Rules 2015 No 6: 75kte household, commercial and industrial waste transfer station with treatment. It is proposed to vary the permit to a bespoke permit to allow external storage of a wider range of waste types, limited external processing and also to add a number of new waste codes.

1.1.3 The new waste codes are mainly for hazardous waste to allow storage of hazardous wood, asbestos and WEEE. The hazardous waste will not be treated, just stored for onward transfer to third party sites. No more than 50 tonnes of hazardous waste will be stored at any time.

1.1.4 Under the current permit all waste must be stored inside except for specified waste. The operator would like to store waste wood and trommel fines in bays outside and also undertake screening of fines in an open fronted building.

1.1.5 This report assesses the risks of the proposed changes and includes:

- A description of the site and its surrounding
- Description of current operations and proposed changes
- Identification of hazards
- Identification of receptors including habitats sites
- Identification of pathways and assessment of risks
- Mitigation and control of risks

1.1.6 This report has been prepared following guidance available on the gov.uk website, particularly:

- Risk Assessment for your Environmental Permit
- Non-hazardous and inert waste: appropriate measures for permitted facilities

1.1.7 Risks identified in Sections 4 and 5 will be controlled through mitigation, as detailed in Section 6. Mitigation will be incorporated into the Environmental Management System.

1.1.8 All drawings referenced are contained in Appendix A.

1.2 Site Details and Surrounding Area

1.2.1 The site is located on the Eden Works Industrial Estate accessed from the A56 (Colne Road), situated to the north of Kelbrook, a small settlement 3km to the southeast of Barnoldswick, Lancashire. The approximate National Grid Reference for the centre of the site is SD 90252 45199. The site location is shown on Drawing No 112/01.

1.2.2 Surrounding land use includes farmland to the east and industrial units to the south, west and north. Neighbouring units within the industrial estate includes pre-cast concrete manufacture, vehicle storage, building suppliers yards and other industrial uses.

1.2.3 The nearest residential properties are situated approximately 95 m to the north of the site located on Colne Road.

1.3 Layout

1.3.1 The site area is approximately 5,200 m^2 and features includes a waste processing building of approximately 720 m^2, a workshop, portacabin style offices and a weighbridge. There is a large concreted yard which provides parking for vehicles, storage space for empty skips and waste storage in both concrete block bays and containers.

1.3.2 The site is securely fenced with a combination of palisade fencing approximately 2 m high to the west and north with lockable security gates at the entrance on the western boundary. The east and southern perimeter is secured with fencing and concrete block walls.

1.3.3 The yard is mostly surfaced with concrete, with a small portion on the west as hardstanding. The extent of the concreted area is shown on the Site Layout Plan, Drawing No 112/02. The operator plans to concrete the hardstanding area before the end of December 2024, alongside upgrade works to the existing concrete surface.

1.3.4 Surface water is contained within the site by a shallow concrete bund (speed-bump style) and water drains to an interceptor at the low point towards the workshop. From there it is pumped to public sewer which is located to the west, close to Colne Road.

1.3.5 The waste processing building is fitted with lockable doors. The base of the building comprises a reinforced concrete pavement. A CCTV system is in use at the site to provide additional security.

1.3.6 Site features are shown on the Site Layout Plan, Drawing No 112/02.

2. CURRENT ACTIVITIES

2.1 The site operates under a standard rules permit (SR2015 No 6) which allows acceptance of up to 75,000 tonnes per year of household, commercial and industrial waste. The permit allows both treatment and transfer for a wide range of non-hazardous waste types.

2.2 The majority of waste brought to site is in skips from household or commercial sources and are classed as either EWC 20 03 01 mixed municipal waste or EWC 17 09 04 mixed construction and demolition waste. The waste is largely from renovation or building projects.

2.3 Full skips are deposited inside the transfer building in the waste reception area. Waste is pre-sorted in the reception area by removing large pieces of uPVC, hardcore, scrap metal or green waste. Any waste identified as WEEE is also removed to a segregated area. This waste is removed and placed in the appropriate storage container for onward recycling.

2.4 General waste is separated and stored in a small stockpile close to the entrance door before being lifted (using a loading shovel or grab) into one of the general waste storage containers.

2.5 The remaining waste is fed into the treatment process which consists of mechanical treatment using a trommel followed by sorting on a manual picking line. Materials recovered from this process include hardcore, soil, scrap metal (ferrous and non-ferrous) and wood. Scrap metal is stored in bays below the picking line and the soil, wood, hardcore are conveyed out of the building and stored in external bays.

2.6 The trommel produces fines as a by-product, which are also conveyed outside and stored in a dedicated storage bay. These are further processed using an external flip-flow screening plant to separate fractions for recovery into aggregates and fines. The screening plant is covered by a canopy constructed with steel frame and corrugated roof panels. Both fractions produced by the flip-flow screener are stored outside.

2.7 General waste is also picked out on the picking line and dropped into a bay below the picking line inside the transfer station. This is added to the general waste container. This waste is dispatched for treatment at a third party transfer station to try to further recover any of the material.

2.8 The process is shown in the process flow diagram in Appendix B.

2.9 Treatment and storage locations are shown on the Site Layout Plan, Drawing No 112/02.

3. PROPOSED CHANGES

3.1 External Storage and Treatment

3.1.1 External storage of fines and wood waste is not allowed under the standard rules permit as they are not included in the list of specified waste. It is proposed to vary the permit to allow external storage of both wood and fines (19 12 12).

3.1.2 Wood is currently stored outside under an exemption however the operator is aware of the upcoming changes to exemptions and would like to bring this under the permit. Wood is stored in a concrete block bay and the stockpile conforms to EA fire prevention plan guidance regarding storage and stockpile sizes. A Fire prevention Plan has been produced (Report No 112/3) which contains further details.

3.1.3 The fines are tested and classified according to WM3 and are not contaminated or odorous. The operator has been advised by the EA Area team that external storage of fines under the current permit is not permitted.

3.1.4 External treatment using the flip-flow screener is only currently permitted for specified waste. Although the trommel fines consist of mainly soil and hardcore, it has to be classified as 19 12 12 which is not on the specified list of waste. Therefore, inclusion of external treatment under the bespoke permit is requested through this variation.

3.1.5 The treatment activity will be enclosed on three sides. A canopy above the screening plant is to be extended to cover the entirety of the screening plant. The rear wall along the eastern boundary will be extended to meet the roof (there is currently a gap between the top of the wall and the roof). This will enclose the operation along the eastern boundary to prevent escape of litter.

3.2 Addition of Hazardous Waste Codes

3.2.1 A large proportion of waste comes to site under the municipal waste code EWC 20 03 01 which is an absolute non-hazardous entry on the List of Waste. There is a waste acceptance procedure in place which instructs operatives not to collect hazardous waste, however this is not always visible until the contents are tipped at the site. Once the load is sorted some of the components would be classed as hazardous waste and will be stored as such on site until they are dispatched.

3.2.2 In particular this could include:

- Wood considered hazardous as listed by the WRA
- Cables
- PU foam insulation and products
- Batteries

- Fridges
- Gas cannisters

3.2.3 It is proposed to add a number of hazardous waste codes to the permit as listed in Table 1 below. This will allow both storage of the sorted waste until it is removed from site and also acceptance of the waste as part of a mixed load of construction waste as 17 09 03*.

Waste Code	Description
16 02 10*	Discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 11*	Discarded equipment containing CFCs, HCFCs, HFCs
16 05 04*	Gases in pressure containers (including halons) containing hazardous substances
16 06 01*	Lead acid batteries
16 06 02*	Ni-Cd batteries
16 06 03*	Mercury containing batteries
17 02 04*	Glass, plastic and wood containing or contaminated with hazardous substances
17 09 03*	Other construction and demolition waste (including mixed waste) containing hazardous substances
17 04 10*	Cables containing oil, coal tar and other hazardous substances
17 06 05*	Construction materials containing asbestos
19 12 12	Other waste including mixtures of materials from mechanical treatment of wastes other than those mentioned in 19 12 11*
20 01 23*	Discarded equipment containing chlorofluorocarbons
20 01 33*	Batteries and accumulators included in 16 06 01*, 16 06 02* or 16 06 03* and unsorted batteries and accumulators containing these batteries
20 01 35*	Discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 37*	Wood containing hazardous substances

Table 1: Proposed Additional Waste Codes

3.2.4 This waste will be stored in the hazardous waste storage areas shown on the Site Layout Plan. Waste will be segregated according to hazard whereby cables and equipment will be stored together and batteries will be stored separately within a container.

3.2.5 Asbestos will be stored in a lockable container. This will include discrete loads of asbestos and also material pulled out of general waste skips. The current arrangement is to reject any asbestos waste found and return it to the customer. The addition of asbestos storage will allow the customer to be given the option of a surcharge to handle the asbestos waste for it to be put into the on-site skip rather than returned to them.

3.2.6 No more than 10 tonnes of hazardous waste will be accepted per day and no more than 50 tonnes will be stored on site at any time.

3.3 Addition of Non-Hazardous Waste Code

3.3.1 It is proposed to add the non-hazardous waste code EWC 19 12 12. This will enable waste fines from the Blackburn Skips site at Oxford Mill, Burnley to be imported for screening. The fines produced at Oxford Mill are produced following the same process as described in Section 2 and do not contain biodegradable or odorous material.

3.3.2 The fines will be subject to a sampling and analysis and waste classification before being brought to site. This is detailed in the waste Acceptance Procedure (MIS-PRO-018) and Fines Sampling procedure (MIS-PRO-019) which are both contained in Appendix C.

4. IDENTIFICATION OF RISKS

4.1 Receptors

4.1.1 The location of the site in relation to potential receptors is shown on Drawing No 112/03. This identifies environmental receptors within 1 km of the site boundary, which are summarised below in Table 2.

Ref	Receptor	Direction from	Approximate Distance from (m)
Domestic Dwellings			
1	Closest residences off Colne Road (A56), Sough	NW	95 - 620
	Residences on Church Lane, Kelbrook	S	260
	Residences on Colne Road, Harden Road and Main Street, Kelbrook	S	430
	Residences in Kelbrook	S	750 – 1 Km
	Residences in Green End	N	795 – 1 Km
	Turnstead Farm	E	380
	Spen Head Farm, Spen Farm, Moor Farm, Alpha Street	NW	710 - 740
	Moor Hall	NE	950
	Residences in North Holme	N	660 – 1 Km
Industrial/Commercial Premises			
2	AM Bowden Groundworks	N	5
	EP Climbing	W	Adjacent
	Wolfenden Concrete	S	6
	Subaru Car Dealership	NW	20
	Other industrial/commercial business on Eden Park	S	80 – 150
	Lower Greenhill Caravan Park	W	780
Water Features			
3	Drain	E	Adjacent
	Kelbrook Beck	W	100
	New Cut	W	265
	Drains	E, S, W, N	310 – 1 Km
	Salterforth Beck	W	485
Amenity/Recreation			
4	Sough Park Recreation Ground	NNE	360
	Kelbrook Playing Field	SSW	430
Highway/Major Road or Transport Link			
5	Colne Road (A56)	W	70
	Kelbrook Road (B6383)	S	620
Public Rights of Way			
6	Footpaths and Tracks	N,E,W,S	80 – 1km
Designated Sites/ Ecological Receptors			
7	LWS Colne/Skipton disused Railway	W	140
	Priority Habitat Deciduous Woodland	W	250
Schools/Colleges			
8	Kelbrook Primary School	S	640
Farmland			
9	Farmland	N, S, E, W	Adjacent – 1 Km
Hospitals/Care Homes			
-	None identified	-	-

Table 2: Location of Receptors within 1 km

4.1.2 The closest residential properties are off Colne Road approximately 95 m north.

Surface Water

4.1.3 The closest surface water course is Kelbrook Beck, which is approximately 100 m west at its closest point. The Beck is situated to the west of Colne Road and runs in a northerly direction to merge with New Cut approximately 265 m north of the site.

4.1.4 There is a field drain situated close to the eastern boundary of the site in the neighbouring field, and further drains in the surrounding farmland.

4.1.5 The EA's Data Catchment Explorer website shows the site to be within the Aire and Calder management catchment and within the Earby Beck from source to River Aire Water Body[1], which is reported as having moderate ecological status.

Groundwater

4.1.6 The Geology of Britain Viewer shows the underlying bedrock is Pendle Grit Member Sandstone. The superficial deposits are shown to be alluvium.

4.1.7 The bedrock is designated as a secondary A aquifer according to the DEFRA MAGIC map, which also lists the underlying groundwater vulnerability is listed as 'medium-low'.

4.1.8 The site is not within a groundwater source protection zone.

Ecological Receptors

4.1.9 A conservation screening report was provided by the EA through pre-application advice. This reported on nature and heritage conservation sites and/or protected species that must be considered in the application and is contained in Appendix D.

4.1.10 The screening report identified one local wildlife site within the 2 km screening distance. This is the Colne/Skipton disused railway and is located approximately 140 m west of the site.

4.1.11 The screening report also identified two protected species within the screening distance: Brown/sea trout (*Salmo trutta*) and Bullhead (*Cottus gobio*). Kelbrook Beck is identified as a migratory route for these species.

[1] https://environment.data.gov.uk/catchment-planning/WaterBody/GB104027062980

4.1.12 Searches using the DEFRA Magic map tool identified one European Habitats site within 10 km of the facility. This is the South Pennine Moors which is located approximately 6.7 km SE. It is designated a Special Area of Conservation, Special protected Area and Site of Special Scientific Interest .

4.1.13 There are no local nature reserves (LNR) within 2 km of the facility and no priority habitat within 50 m of the site.

4.1.14 Ecological sites are summarised in Table 3 below.

Site	Designation	Distance & Direction
Priority habitat woodland	PHI	250 m W
Colne/Skipton disused railway	LWS	190 m W
South Pennine Moors	SPA, SAC, SSSI	6.7 km SE

Table 3: Ecological Sites
PHI = Priority Habitat Inventory
LWS = Local Wildlife Site
SSSI = site of special scientific interest

4.1.15 A habitats assessment is not required as there are no European Habitats sites within the screening distance for the site.

4.2 Baseline Conditions

Wind Direction

4.2.1 Figure 1 shows a wind rose for data collected at Leeds-Bradford Airport which is the closest recording station at approximately 32 km to the east.

4.2.2 The wind rose shows that the prevailing wind direction is from the west and south-west with wind speeds most frequently between 7 – 15 mph, ie gentle to moderate breeze on the Beaufort scale. The strongest winds typically come from the west and are recorded at speeds greater than 20 mph, ie fresh breeze and above.

4.2.3 With reference to the data it is considered that wind direction will be variable but have a prevalence towards the east.

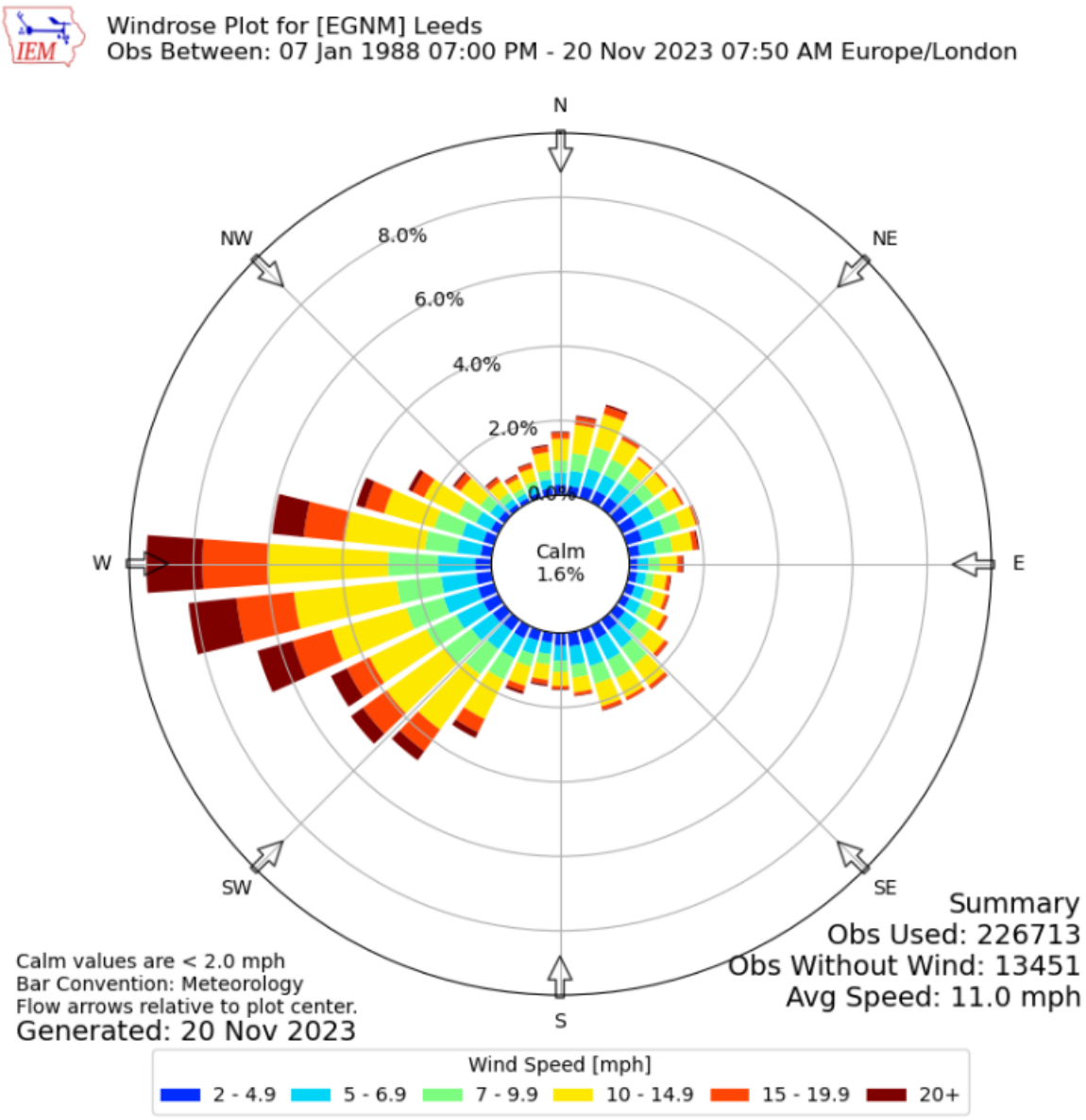


Figure 1: Wind Rose

Rainfall

4.2.4 Reference has been made to Met Office data for Bingley available on the met office website[2], the nearest climate recording station to the site at approximately 21 km east. Total average annual rainfall during the period 1991 to 2020 was 1057 mm. The number of days of rainfall greater than or equal to 1 mm was 156 days on average each year.

[2] https://www.metoffice.gov.uk/research/climate/maps-and-data/uk-climate-averages/gcw435f21

Air Quality

4.2.5 According to the DEFRA interactive map tool[3] the site is not located within an Air Quality Management Area (AQMA).

Potential for Flooding

4.2.6 According to the 'Flood map for planning' tool on the gov.uk website, the site is situated in Flood Zone 2. This is explained as 'locations in flood zone 2 have a medium probability of flooding. This means in any year land has between a 1% and 0.1% chance of flooding from rivers and between a 0.5% and 0.1% chance of flooding from the sea.

4.3 Identification of Hazards

4.3.1 Potential hazards from the proposed changes to activities have been identified as:

- Emissions to air of dust from external screening and storage of waste fines
- Odour emissions from external treatment and storage of waste fines
- Pests attracted to external stockpiled waste fines
- Litter generated from external stockpiled waste
- Noise from mechanical processing using the external screening plant
- Storage of hazardous waste
- Accidents (fire, vandalism, flood, spillage)

4.3.2 The deposition of mud from delivery vehicles is not considered to be a significant issue as traffic areas are concreted. Also waste is brought to site in skip wagons which are travelling on hard surfaced public roads rather than across unmade ground.

[3] https://uk-air.defra.gov.uk/aqma/maps/

5. RISK ASSESSMENT

5.1 Methodology

5.1.1 Overall risk is a combination of the severity of an event and the likelihood that it will occur. Probability of occurrence is designated as:

- Probable – expected to occur based on previous occurrences
- Likely – expected to occur due to proposed changes
- Possible – this may occur, it may or may not have happened occasionally in the past
- Unlikely – not expected to occur
- Very Unlikely – has never and is not expected to occur.

5.1.2 The magnitude of risk is determined by the probability of exposure and the severity of the consequences, whereby:

- High – severe and long lasting environmental effects to the wider locality
- Medium – effects to the local environment and community
- Low - minor, short lived effects just beyond the site boundary
- Negligible – no discernible effect beyond the site boundary

5.1.3 An event could have a high probability of occurring but have minor environmental consequences; therefore it will be designated as a low risk. Likewise a risk with severe consequences could be unlikely to occur and will be designated as a low risk. A high risk designation would be assigned to an event that has severe consequences and is expected to occur.

5.2 Assessment

5.2.1 The risks associated with the identified hazards have been assessed and are presented in Tables 4 to 8 including mitigation and control measures.

Hazard	Receptor	Pathway	Consequence	Probability of Exposure	Risk	Risk Management	Mitigated Risk
Noise from external screening operation	Local residents, commercial/industrial neighbours, footpath users	Air (noise) Vibration (ground)	Nuisance noise detected beyond the site boundary from processing operations during daytime working hours	Possible but unlikely: the screening plant is a source of noise but the site is within an industrial area and so surrounded by other sources of noise. The closest residents are around 95 m away but screened from the site by a substantial number of large warehouse type buildings on the industrial estate. It is unlikely that the closest residents would encounter the noise from the screening plant given all the other sources of noise nearby, including traffic on the A56 Colne Road which is between the houses and the industrial estate	Medium	• A Noise Impact Assessment and management Plan has been produced. The NIA determined the noise impacts to be low. This is contained within the NPM Report No 112/5 • Site is concrete surfaced and maintained to prevent pot-holes and minimise noise generated by vehicles; • Vehicle drivers to adhere to 10 mph speed limit • All machinery & plant maintained as per manufacturer's specifications for efficient running	Low

Table 4: Assessment of Risks from Noise and Vibration

Hazard	Receptor	Pathway	Consequence	Probability of Exposure	Risk	Risk Management	Mitigated Risk
Emissions to air from dust generated through external screening plant and storage	Local residents, commercial/industrial neighbours, footpath users	Release of and dispersal in the local atmosphere	Reduction in local air quality; possible health impacts for local residents	Possible - the fines are small and lightweight. The treatment area and stockpiles are adjacent to the eastern boundary which is in the direction of the prevailing wind. Beyond the boundary is a drainage ditch and farmland	Medium	• A Dust Emissions Management Plan has been produced to identify and control dust emissions. Report No 112/2 • The existing litter net along the eastern boundary will be replaced with an enclosed structure. The canopy will be extended and the retaining wall on the eastern boundary built up to meet the canopy roof. This will enclose the treatment area on 3 sides to prevent dust being blown onto the neighbouring land to the east.	Low

Table 5: Assessment of Risks from Dust Emissions to Air

Hazard	Receptor	Pathway	Consequence	Probability of Exposure	Risk	Risk Management	Mitigated Risk
Generation of odour from external waste treatment and storage	Local residents, commercial/industrial neighbours, footpath users	Release of odour and dispersal in the local atmosphere	Reduction in amenity	Unlikely – the waste fines that are stored and treated externally have been pre-sorted inside the transfer station to remove general waste (including any biodegradable waste) and consist largely of construction and demolition waste. They will not contain food waste or other waste that is putrescible.	Low	• An odour management plan has been produced to identify and control emissions. Report No 112/3.	Low
Generation of litter from external waste treatment and storage		Windblown litter dispersed across the locality	Reduction in amenity and deterioration of habitat conditions in streams and farmland	Possible – the fines are small and lightweight. The treatment area and stockpiles are adjacent to the eastern boundary which is in the direction of the prevailing wind. Beyond the boundary is a drainage ditch and farmland	Medium	• The existing litter net will be replaced with an enclosed structure. The canopy will be extended and the retaining wall on the eastern boundary built up to meet the canopy roof. This will enclose the treatment area on 3 sides to prevent any fines being blown onto the neighbouring land to the east.	Low
Attraction of pests (flies, rodents, scavenging birds)		Increase in population on site which spreads into the surrounding area	Nuisance effects to local residents, competition for habitat for local species	Unlikely – the waste fines that are stored and treated externally have been pre-sorted inside the transfer station to remove general waste (including any biodegradable waste) and consist largely of construction and demolition waste. They will not contain food waste or other waste that is putrescible.	Low	• Waste is pre-sorted within the building • Pest control measures are in place for rodents and flies, Including regular visits by a pest control specialist	Low

Table 6: Assessment of Risk from Odour, Pests and Litter

Hazard	Receptor	Pathway	Consequence	Probability of Exposure	Risk	Risk Management	Mitigated Risk
Hazardous gas released into transfer station building	Site staff	Reaction between incompatible waste types causing an emission/escape of hazardous gas or liquid	Exposure of staff to hazardous gas	Unlikely: hazardous waste types proposed are small articles, no liquid waste	Low	• Householders/builders are informed which articles cannot go into the skip by email on booking the skip. • Customers are advised not to include gas cylinders but any found are removed and stored in cage outside workshop • Hazardous waste will be segregated and stored in a dedicated area away from passing traffic • Batteries are stored in a bunded container. • Staff trained to take care when handling • Waste will be picked out by hand to prevent damage instead of using the grab • Operatives have asbestos awareness training, training records maintained	Low
Hazardous liquid released into transfer station			Exposure of staff to hazardous liquid	Possible - batteries contain acid that can leak	Medium		Low
Release of acid from batteries. Release of PCBs from insulation waste		Damage to articles during handling and storage	Exposure of staff to hazardous liquids	Possible if articles are damaged	Medium		Low
Release of asbestos fibres within transfer building		Accidental trommelling of asbestos waste, breaking apart the waste and exposing fibres	Exposure of staff to hazardous fibres	Possible – fibres can be released from damaged cement bonded asbestos used in construction projects	Medium		Low

Table 7: Assessment of Risks from Storage of Hazardous Waste

Hazard	Receptor	Pathway	Consequence	Probability of Exposure	Risk	Risk Management	Overall Risk
Non-compliant waste types: imported waste is hazardous material	Local residents, commercial/industrial neighbours, footpath users	Importation of fines containing hazardous substances which should be classed as 19 12 11* mirror entry instead of 19 12 12	Release of hazardous airborne substances through external treatment and storage	Possible – fines can be hazardous or non-hazardous mirror entry	Medium	• Fines testing procedure details sampling, analysis by an accredited lab and classification of results to WM3 using Hazwaste on-line • Fines produced from pre-sorted waste to remove general waste (including any biodegradable waste) and consist largely of construction and demolition waste. • Hazardous waste will not be processed	Low
Spillage or leakage of fuel, oils & coolants Minor (< 5 litres) Major (> 5 litres)	Surface water (Kelbrook Beck and protected species), underlying ground and groundwater	Spillage runs offsite onto unmade ground	Contamination of land and groundwater	Unlikely – site is concrete surfaced and drains to an interceptor	Low	• Yard is concrete surfaced and drains to an interceptor which drains to foul sewer • Fuel stored in bunded tank • Oil stored in bunded area in the workshop • Spillage procedure detailed in the EMS	Very Low
Fire and firewater	Local residents, Surface water (Kelbrook Beck and protected species)	Overland flow of firewater; Increased airborne particulates from smoke	Contaminated firewater flows off site; Smoke causes nuisance and respiratory effects to local residents	Possible – the waste is combustible	Medium	• Permitted activities do not allow flammable materials to be accepted on site and burning of waste not allowed on site. • Smoking only allowed in a dedicated smoking shelter close to the site entrance, away from waste storage areas • A fire prevention plan is in place detailing automatic detection system and other controls to reduce the risk of fire occurring and spreading	Low

Table 8 (continued over): Assessment of Risk from Accidents

Hazard	Receptor	Pathway	Consequence	Probability of Exposure	Risk	Risk Management	Overall Risk
Flooding	Surface water, local residents	Site floods and waste is washed off-site	Waste material may be washed out of the site causing pollution to surface water and nuisance to local residents	Possible but unlikely: The site is in Flood Zone 2 medium probability of flooding from Kelbrook Beck. No experience of flooding at the site by current operator	Low	• Potentially polluting waste such as general waste and hazardous waste is stored in the building and in containers which will prevent waste being washed off site • Only low risk waste is stored outside • Site is bunded to contain firewater and this would limit ingress of flood water • Operations would be suspended until flood waters recede	Low

Table 8 continued: Assessment of Risk from Accidents

6. MITIGATION AND CONTROL

6.0.1 Risks assessed as medium or high will require mitigation and control.

6.0.2 The site operates with an Environmental Management System (EMS). Mitigation and control measures are outlined below and have been incorporated into the EMS. All EMS documents referenced in this section have been supplied in Appendix D.

6.1 Noise and Vibration

6.1.1 A noise impact assessment has been carried out by PDA Ltd and is presented in Report No J004895-7813-RDC-01. This includes measurement of background noise at the closest receptors and measurement of noise generated by the screening plant. The noise from the screening plant is 10 dB less than the existing background noise at the closest receptor therefore it is very unlikely to be discernible and the impact is low.

6.1.2 A noise management plan has been prepared to demonstrate control of the operation so that it will not cause noise pollution beyond the site boundary.

6.2 Dust

6.2.1 Risks from dust were assessed as medium and a Dust Emissions Management Plan has been produced to demonstrate control of the operation so that it will not cause dust pollution beyond the site boundary.

6.2.2 It is proposed to partially enclose the external treatment area to minimise dust emissions. This will prevent dust being carried off site with the prevailing wind.

6.3 Control of Odour, Pests and Litter

6.3.1 Risks associated with odour were assessed as low. Potentially odorous waste is that classed as general waste which is stored inside the building in containers. The waste fines which are processed and stored outside have low odour potential as they are produced largely from construction and demolition waste.

6.3.2 Although the risk from odours is assessed as low, an Odour Management Plan is required for a transfer station with a bespoke permit, therefore one has been produced to demonstrate control of the operation so that it will not cause pollution beyond the site boundary.

6.3.3 Risks from pests were also assessed as low as the material stored and treated outside does not contain putrescible material and is not attractive to pests.

6.3.4 Risks from litter were assessed as medium because the waste fines could be windblown when stored outside. To reduce the risk of litter escaping the existing litter net will be replaced with walls and the canopy roof will be extended to enclose the treatment area.

6.3.5 The prevailing wind is towards the east so the enclosure will prevent lightweight material being blown across the eastern boundary into the neighbouring field and drain.

6.4 Hazardous Waste

6.4.1 Risks from hazardous waste storage were assessed as medium. The proposed waste codes are small scale articles which will be stored separately to prevent damage and potential release of hazardous material, as per EMS procedure contained in Appendix C.

6.5 Non-Conforming Waste

6.5.1 The risks associated with accepting non-conforming material were assessed as medium due to the possibility of accepting hazardous fines which should be classed as 19 12 11* instead of 19 12 12.

6.5.2 A fines testing procedure is in place to ensure correct classification of waste, MIS-PRO-019 contained in Appendix C. Fines produced at the Oxford Mill depot are sampled and tested at an accredited lab and classified using Hazwaste on-line. Only material classified as non-hazardous would be accepted.

6.5.3 Regarding non-conforming items, the site operates with waste acceptance procedure (MIS-PRO-0018) which instructs operators to check contents of the skip before uplift and remove unsuitable items. Customers are also advised by email beforehand on which items are not suitable to place in the skip as follows:

NO Plasterboard, Asbestos, Gas Bottles, Fridges, Fertilisers or their empty containers, Aerosols of any kind, containers that have had any in, Oil Drums - Full or Empty, Paint Tins - Full or Empty, Batteries, any form of hazardous chemicals, Gripfill Tubes - Full or Empty, Fluorescent Tubes, Freezers, Pesticides, Mattresses, Televisions or Tyres

6.5.4 If unsuitable items are not visible and are brought to site they will be rejected immediately and returned to the producer without delay. If this is not possible then the material will be quarantined until either its return can be arranged, or agreement on disposal to a suitable site.

6.6 Spillage of Oil and Fuel

6.6.1 Risks associated with accidental spillage of oil and fuel were assessed as low. Surface water in the yard is contained by a bund and drains to the yard interceptor. The interceptor discharges to foul sewer.

6.6.2 Existing controls to prevent spillage of oil and fuel include:

- Regular servicing & maintenance of vehicles
- Storage of fuel/oil within bunded areas with capacity to hold 110% of the contained volume.

6.6.3 Spillages are controlled and cleaned up following the Spillage Procedure, contained in Appendix C.

6.7 Fire

6.7.1 The risk from fire was assessed as medium as the proposed changes include combustible waste, particularly the external wood stockpile. A new fire prevention plan (Report No 112/3) has been produced to include the proposed changes.

7. CONCLUSIONS

7.1 Proposed changes at the site include:

- External storage of wood and waste fines
- Operation of a fines screening plant in the yard
- Addition of a number of hazardous waste codes
- Addition of non-hazardous waste code 19 12 12 to allow waste fines to be imported and screened from the Oxford Mill depot in Burnley which is also operated by Blackburn Skips

7.2 Potential hazards have been identified as:

- Emissions to air of dust from external screening and storage of waste fines
- Odour emissions from external treatment and storage of waste fines
- Pests attracted to external stockpiled waste fines
- Litter generated from external stockpiled waste
- Noise from mechanical processing using the external screening plant
- Storage of hazardous waste
- Accidents (fire, vandalism, flood, spillage)

7.3 Receptors within 1 km of the site have been identified, and ecological receptors within 2 km have been considered in the source – pathway – receptor risk assessment.

7.4 Risks identified which require mitigation are dust, litter, storage of hazardous waste and accidents (non-conforming waste and fire).

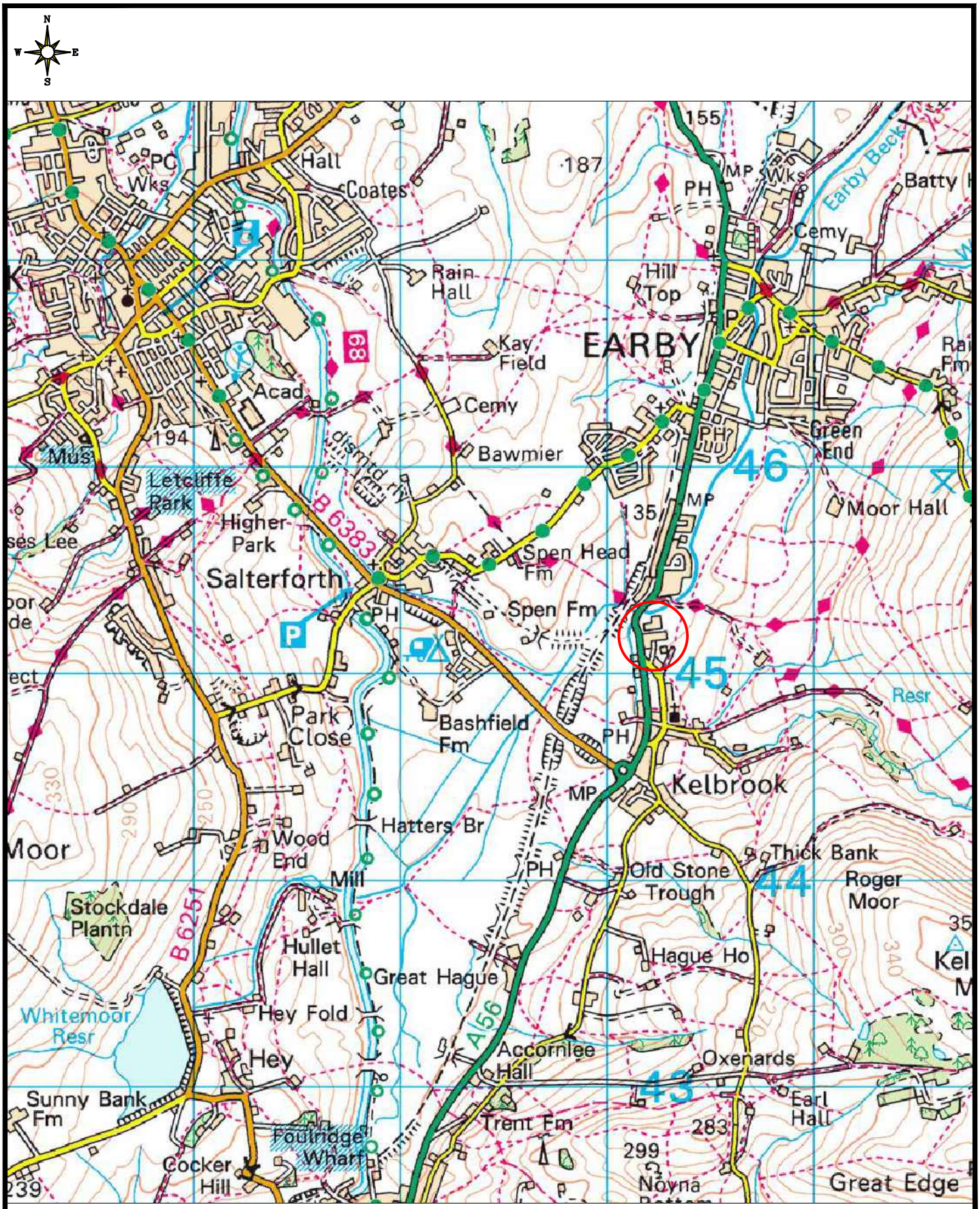
7.5 Risks from noise, dust and fire are controlled through production of specific management plans which include appropriate control measures in line with EA guidance.

7.6 Risks from accidental acceptance of non-conforming waste and storage of hazardous waste will be controlled through procedures as part of the EMS.

7.7 In conclusion, it has been demonstrated that the mitigated risks posed by the proposed activities will not have a significant impact on the surrounding environment.

APPENDIX A

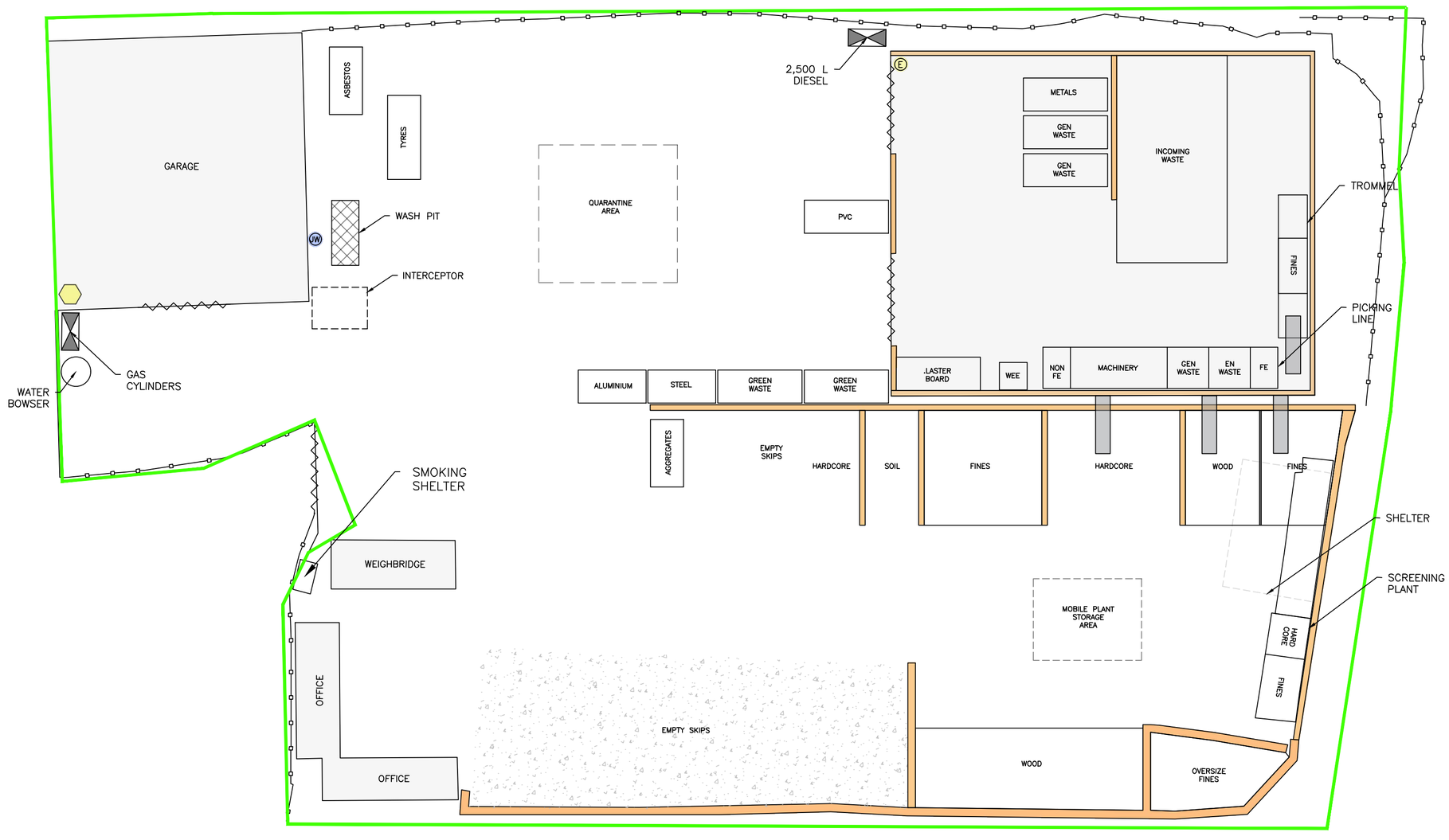
Drawings



STARLING ENVIRONMENTAL LIMITED
67 Chorley Old Road, Bolton,
Greater Manchester, BL1 3AJ
www: starlingenvironmental.co.uk
email: claire@starlingenvironmental.co.uk
Tel: 07989 673122

CLIENT: BLACKBURN SKIPS LIMITED		DRAWN BY: M.Y.B	APPROVED BY: C.G
JOB TITLE: EDEN WORKS TRANSFER STATION, COLNE		DATE: 27/03/2024	DRAWING No.: 112-01
DRAWING TITLE: SITE LOCATION PLAN		SCALE @ A4: 1:25,000	

SITE & SURROUNDING AREA PLAN
(SCALE 1:2000)



SITE LAYOUT PLAN SCALE 1:250

Legend

- PERMIT AREA
- GATES/SHUTTER DOORS
- PALLISADE/PANEL FENCING
- BUILDING
- MAINS WATER
- MAINS ELECTRIC
- SPILL KIT
- JET WASH
- FUEL/OIL STORAGE
- CONVEYOR
- HARDSTANDING
- FIRE WALL

NOTES:

SURFACING IS CONCRETE UNLESS HARDSTANDING AS SHOWN.

PREVAILING WIND DIRECTION (FROM THE WEST)

REV.	DESCRIPTION	DATE	BY

STARLING ENVIRONMENTAL LIMITED
67 Chorley Old Road, Bolton,
Greater Manchester, BL1 3AJ
www: starlingenvironmental.co.uk
email: claire@starlingenvironmental.co.uk
Tel: 07989 673122

CLIENT.

BLACKBURN SKIPS LIMITED

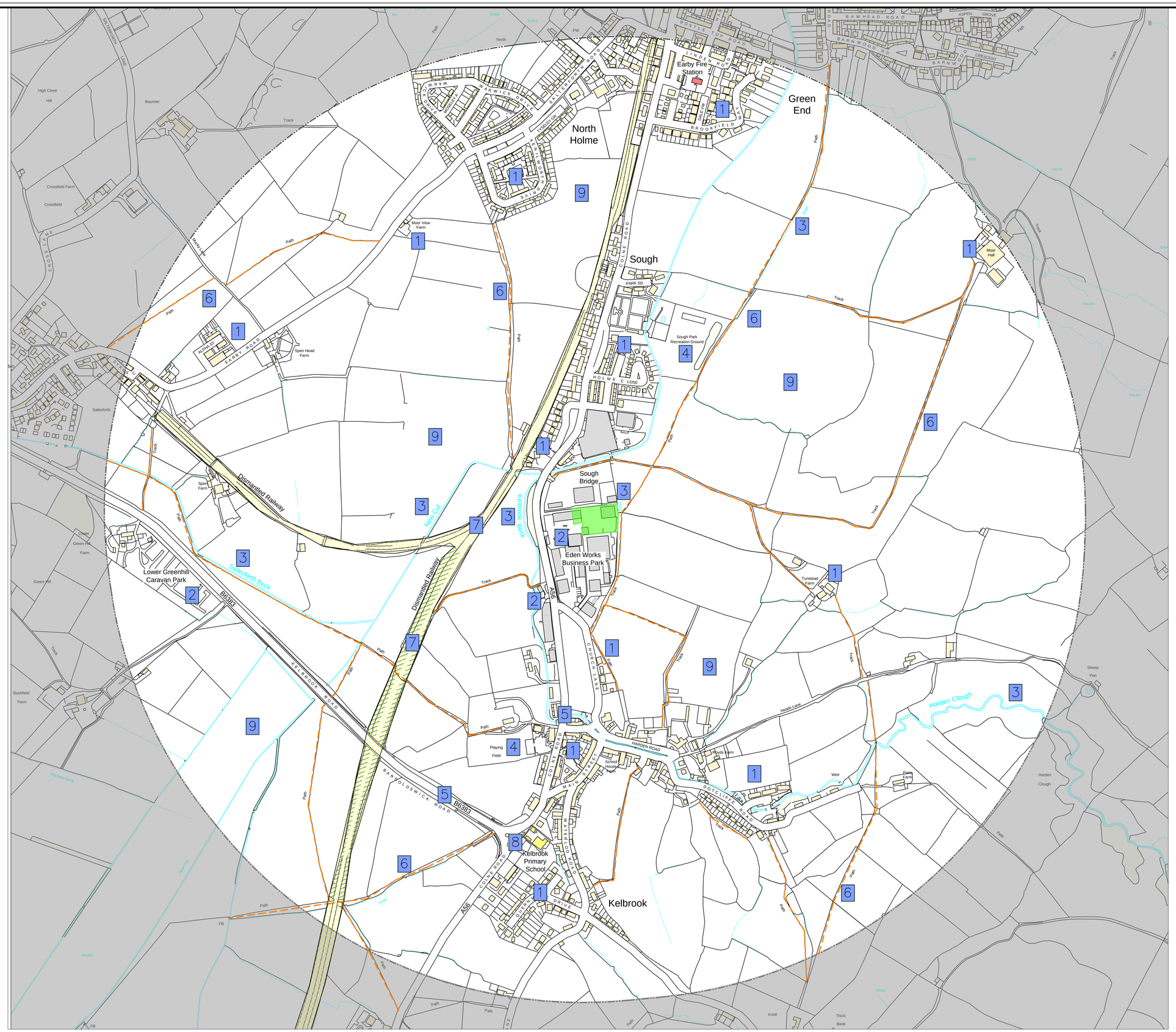
JOB TITLE.

EDEN WORKS
TRANSFER STATION
COLNE

DRAWING TITLE.

SITE LAYOUT PLAN

DRAWN BY.	APPROVED BY.	DRAWING No.
M.Y.B	C.G	112/02
DATE. 19/04/24	SCALE @ A2. AS SHOWN	



LEGEND

- PERMIT AREA
- 1 KM RECEPTOR BOUNDARY
- FOOTPATHS
- RESIDENTIAL AREA
- INDUSTRIAL/COMMERCIAL AREA
- SCHOOL
- WOODLAND
- WATERBODIES/WATERWAYS
- PRIORITY HABITAT DECIDUOUS WOODLAND
- LOCAL WILDLIFE SITE (COLNE/SKIPTON DISUSED RAILWAY
- FIRE STATION
- 1 RECEPTOR REFERENCE

PREVAILING WIND DIRECTION (FROM THE WEST)

REV.	DESCRIPTION	DATE	BY

STARLING ENVIRONMENTAL LIMITED
67 Chorley Old Road, Bolton,
Greater Manchester, BL1 3AJ
www: starlingenvironmental.co.uk
email: claire@starlingenvironmental.co.uk
Tel: 07989 673122

CLIENT.

BLACKBURN SKIPS LIMITED

JOB TITLE.

EDEN WORKS
TRANSFER STATION
KELBROOK

DRAWING TITLE.

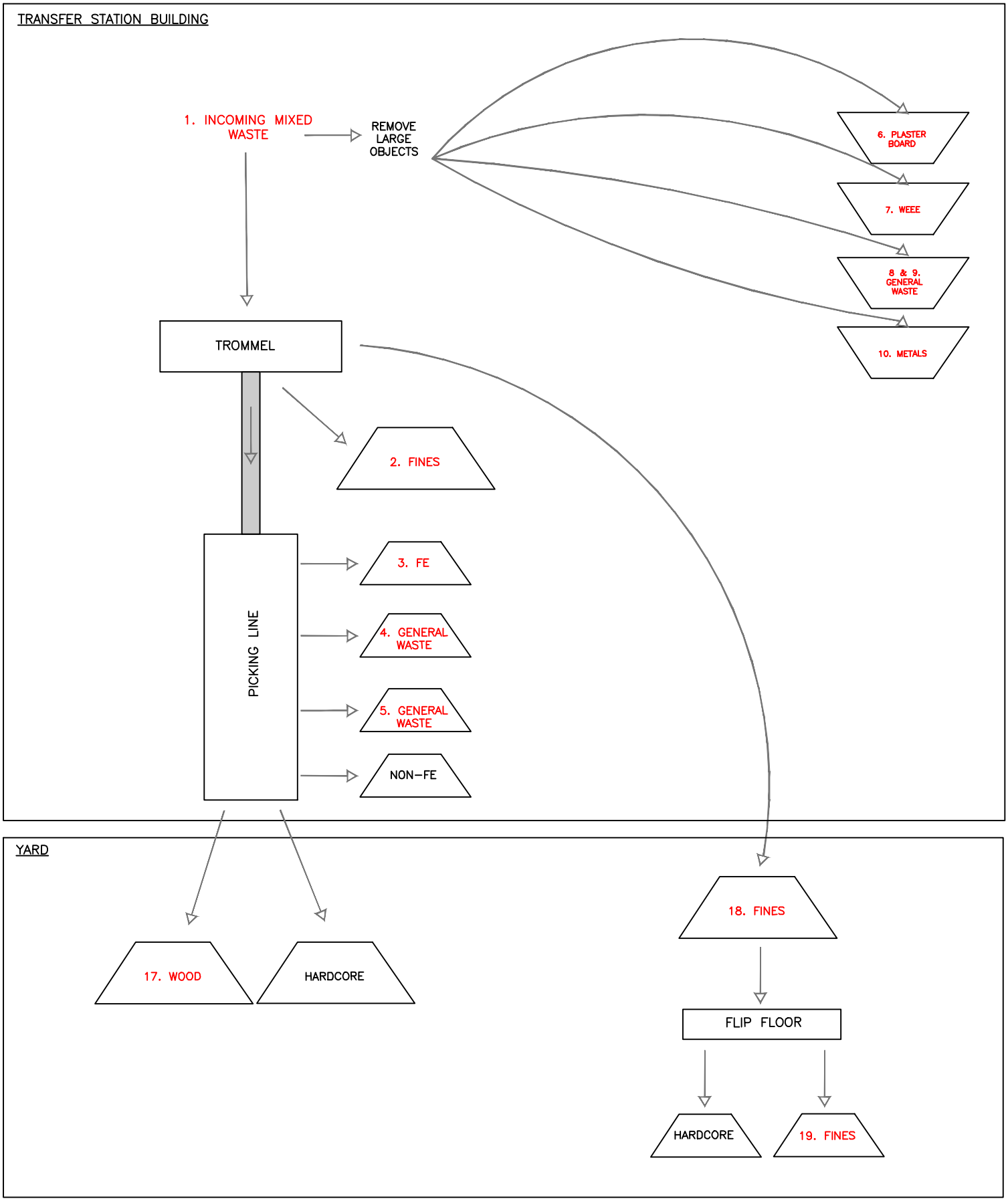
RECEPTORS
WITHIN 1 KM

DRAWN BY.	APPROVED BY.	DRAWING No.
M.Y.B	C.G	112/03
DATE. 08/03/24	SCALE @ A1. 1:4000	

APPENDIX B

Process Flow

PROCESS FLOW DIAGRAM



NOTES: REFER ALSO TO DRAWING NO. 112-04 AND STOCKPILE CALCULATION SPREADSHEET
STOCKPILES LABELED IN RED ARE COMBUSTIBLE
STOCKPILES LABELED IN BLACK ARE NON-COMBUSTIBLE

APPENDIX C

EMS Procedures

Blackburn Skips Ltd: Waste Acceptance procedure

MIS-PRO-018

A method statement is to be produced in conjunction with a Task Related Risk Assessment. It should be specific and relevant to the job in hand and describe clearly the precautions and system of work identified during the risk assessment.

Persons Undertaking Task	All Staff
Description of Task	Waste acceptance
Frequency	Daily

1) When customers are booking skips, inform them what can go in the skip, 'No plasrterboard or hazardous wastes permitted, this includes fridges/freezers, Electrical items (WEEE), gas bottles etc.

2) On collection of full skips drivers are required to have a 'safe' look at the contents within the skip. This is to determine if the waste streams are as described on your waste transfer note (tablet) and that there are no potential hazardous wastes in the load. If unsure take pictures and ring the office. Who will confirm if can collect or if the customer needs to be informed of the discrepancy/ problem.

3) When traveling with a loaded skip ensure that the waste is contained in the skip to prevent it from escaping, this is achievable by collecting skips that are level loaded and by using nets. Secure nets/ easy sheets over the skips using the bungie cords attached.

4) Due to recent legislation changes/ updates, if upholstered furniture is in the skip you must update your tablet to indicate that it may include POPs. Inform the banksman when you are entering the transfer station and provisions will be made to remove the items before tipping and placing them in a specified bin.

5) Gas bottles found in skips at customer addresses must be removed before collecting the skip. If the customer is present ask them to remove it, if not and you can do so safely remove the bottle and place in a safe area. Take pictures of the bottle in the waste and where you have placed it when removed. update your tablet notes accordingly.

6) Upon receiving waste in the transfer station all loads tipped must have a picture taken. If discrepancies are found ie not matching the waste description update your tablet accordingly.

7) Hazardous wastes found in the waste must be quarantined immediately, inform the office and provisions will be made to remove from site as soon as possible to a suitable facility. Relevant persons will be informed from the office.

8) Waste wire is now under a RPS 276 (Regulatory Position Statement) by the Environment agency and unless proved (analysed) it is classed as hazardous waste. This must be removed from the waste pile and placed in a wire only bin before the pile is processed through the trommel system.

9) WEEE wastes are also classed as hazardous waste, small inconsequential items such as toasters, irons etc that are found in household skips can be placed in a WEEE waste skip and disposed of to a suitable facility.

10) Large items of WEEE waste ie fridges / freezers must be removed and placed in a suitable receptacle and not placed in the general scrap bay (gasses are released into the foam surrounding the fridge and could potentially be hazardous) again update tablet accordingly and the office will deal with the issue.

11) Due to legislation changes we no longer accept wood wastes that have the 'potential' to be hazardous, so wood produced before 2006 is classed as hazardous, along with railway sleepers, telegraph poles, tanalised woods (fence panels/ posts etc), barge boards etc. if any 'unsure' loads come into the transfer station, segregate from the other waste streams (put in a separate bin) and inform the office. Who will arrange return to customer or disposal at a suitable facility.

12) Plasterboard must not be processed through the trommel system, it must be kept separate of other waste streams. If you suspect that the waste you have brought in contains plasterboard inform the banksman and he will advise where to tip, tablets should be updated accordingly.

13) Wastes that come in that are particularly dry/dusty are to be damped down as tipping commences to avoid 'dust clouds' forming and escaping.

14) 'Smelly or offensive' wastes are to be loaded into a bin as soon as discovered and disposed of as soon as possible to a suitable facility. If this is an ongoing problem that occurs on a regular basis inform the office and an investigation will be carried out to rectify the problem before it becomes an issue. Customers will be informed accordingly.

15) Any increase in presence of pests or vermin are to be reported immediately to the office. Assured Environmental will be contacted to arrange additional visits (additional to the routine visits scheduled) until the problem has been rectified.

16) Daily walk round checks are to be completed and any issues logged in the site diary (a check list is located in the rear of the diary).

Precautions

As per task related Risk Assessment – HS- RA- 001– Skip and Container Movement

Hazard	*Control Measure*
Physical injury, possible fatality Cutting or severing; Entanglement; Trapping; Friction or abrasion; Projectile ejection;	Follow safe working methods as laid out above Drive and operate vehicles and attachments with due care and attention All employees must be adequately trained to carry out their task safely; Use appropriate PPE provided;
Working environment	All site rules must be practiced
Leptospirosis, Tetanus	Use good hygiene practices; use PPE provided; use push sticks and rakes;

Equipment Requirements
All equipment must be checked prior to use. Where certificates are required these must be valid and available for inspection

Equipment	**Description**
Vehicle Skip Container Plant Machinery	Large vehicle with lifting equipment Small to large containers for the collection of waste Rear opening large containers for the collection of waste. Fixed and mobile plant machinery in the waste transfer station.

Personal Protective Equipment Requirements
To be used as instructed and in line with Regulations

Steel toe-capped and mid soled safety shoes/boots with anti-slip soles
High visibility waistcoat or jacket to be kept fastened
Protective safety gloves
When required: - Dust mask : Hard Hat: safety glasses/ goggles

Specialist Competence Requirements

Statutory Inspections and Examinations: LOLER

Prepared By

Name in Capitals JACKIE MURPHY	Signature	**Date issued:11-03-2024** **Review Date: 10-03-2025**

Blackburn Skips Ltd

Blackburn Skips Ltd: Fines Sampling

MIS-PRO-019

A method statement is to be produced in conjunction with a Task Related Risk Assessment. It should be specific and relevant to the job in hand and describe clearly the precautions and system of work identified during the risk assessment.

Persons Undertaking Task	Site Manager
Description of Task	Fines collection
Frequency	Weekly

1) Sample to be collected using Steel Pan and plastic tub.
2) Using the plastic tub 1 x scoop from the top of 'fines' pile, 1 x middle, 1x bottom.
3) Place samples in steel bin.
4) 1 x monthly mix the contents of steel bin onto plastic sheet and divide into quarters, from each quarter take 1 x scoop and place into plastic bag, label with pre fix KEL or BUR and the date in an 8 digit format (E.g KEL01012023) this will form the sample ID.
5) Send bagged sample to Eurofins and request HWOL format for results
6) Mix the remainder of the sample divide in to quarters and dispose of 3 quarters, place the remaining quarter into the steel bin.
7) Test results should be uploaded onto the Hazwaste online portal for interpretation.

Prepared By

Name in Capitals JACKIE MURPHY	Signature	

When a spillage occurs:

Stop traffic/plant and personnel from entering the area of spillage and if necessary, evacuate the immediate area.

- Where possible, take immediate action to contain the spillage using spill kit located in the immediate area eg behind the seat of wagon /plant equipment, garage.
- Where large spillages cannot be realistically contained or where the substance is unknown, DO NOT attempt to clean up the spill, prevent the spillage from running into drains and water courses using spill kit and call your immediate supervisor.
- Ensure the appropriate Personnel Protective Equipment (PPE) is worn and the potential hazards are understood.
- Check the vicinity for injured or affected persons
- Barrier off the area or cordon the area off to avoid further spreading and injury to persons
- If the spillage is thought to have entered any drains or watercourses, the site supervisor must be consulted for advice and necessary actions to be taken.
- When the spillage has been satisfactorily contained the contaminated absorbent material must be disposed of in the correct manner i.e placed in the container located in the garage area, where it will be disposed of at an authorised disposal facility.
- The area affected must be swept clean, leaving the area free of any residue. Residue from steam/pressure cleaning must be contained and discharged via suitable separators.
- Label the disposal container with the waste description.
- Inform the site manager who will record the incident in the site diary and inform the regulatory authority if deemed necessary.

Drivers to **Ring Office** as soon as possible to log all details of incident: **01282 427770**

Contents of spill kit include:

1 x disposable gloves, to be put on before attempting to deal with the spill.

2 x socks, to be used first to contain the spill, (they will still create a barrier when soaked).

8 x pads to be used for final mop up once the spill is contained. (each pad holds approximately 1ltr of fluid).

1 x disposal bag and zip tie for placing used pads, socks and gloves into once the spillage has been dealt with.

Please remember that if you use any item from the kit, it will need replacing immediately. Inform the office or the garage.

APPENDIX D

Conservation Screening Report

Nature and Heritage Conservation

Screening Report: Bespoke Waste

Reference	**EPR/JB3101SK/P001**
NGR	**SD 90252 45199**
Buffer (m)	**100**
Date report produced	**19/03/2024**
Number of maps enclosed	**2**

This nature and heritage conservation report

The nature and heritage conservation sites, protected species and habitats, and other features identified in the table below **must be considered in your application**.

In the further information column, there are links which give more information about the site or feature type and indicate where you are able to self-serve to get the most accurate site boundaries or feature locations.

Most designated site boundaries are available on Magic map. Using Magic map allows you to zoom in and see the site boundary or feature location in detail, Magic map also allows you to measure the distance from these sites and features to your proposed boundary. Help videos are available on Magic map to guide you through.

Where information is not publicly available, or is only available to those with GIS access, we have provided a map at the end of this report.

Sites and Features within screening distance	Screening distance (m)	Further Information
Local Wildlife Sites (LWS) (see map below)		Appropriate Local Record Centre (LRC) Appropriate Wildlife Trust
Colne/ Skipton Disused Railway	190	

Protected Species within screening distance	Screening distance (m)	Further Information
Brown/ Sea Trout *Salmo trutta*	349	Natural England Appropriate Local Record Centre (LRC) National Biological Network (NBN) Environment Agency. Dial 03708 506 506 for your local Fisheries and Biodiversity team
Bullhead *Cottus gobio*	128	

Where protected species are present, a licence may be required from Natural England to handle the species or undertake the proposed works.

The relevant Local Records Centre must be contacted for information on the features within local wildlife sites. A small administration charge may also be incurred for this service.

The following nature and heritage conservation sites, protected species and habitats, and other features have been checked for, where they are relevant for the permit type requested, but have not been found within screening distance of your site unless included in the list above.

Special Areas of Conservation (cSAC or SAC), Special Protection Area (pSPA or SPA), Marine Conservation Zone (MCZ), Ramsar, Sites of Special Scientific Interest (SSSI), National Nature Reserve (NNR), Local Nature Reserve (LNR), Local Wildlife Sites (LWS), Ancient Woodland, relevant species and habitats.

Please note we have screened this application for features for which we have information. It is however your responsibility to comply with all environmental and planning legislation, this information does not imply that no other checks or permissions will be required.

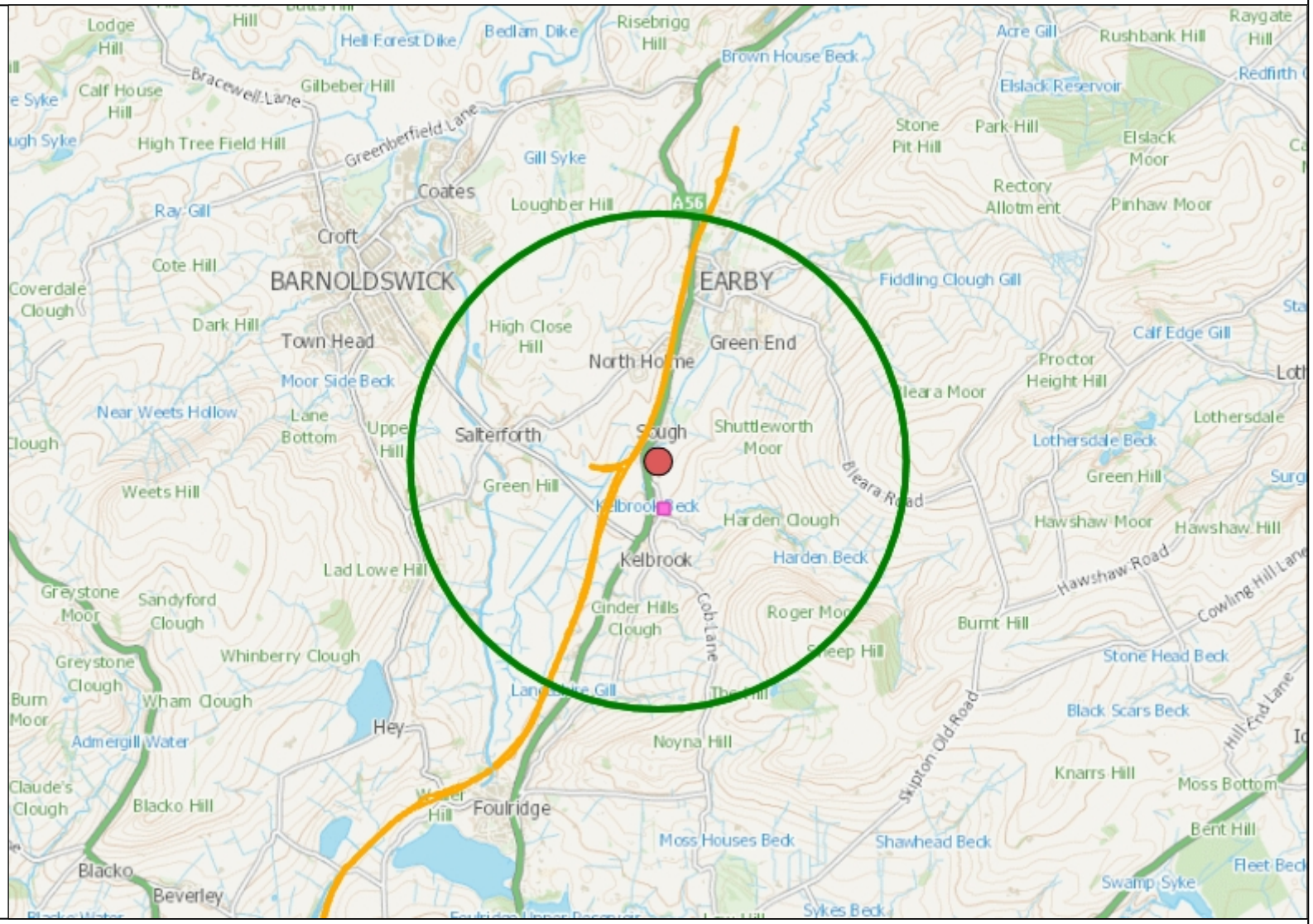
The nature and heritage screening we have conducted as part of this report is subject to change as it is based on data we hold at the time it is generated. We cannot guarantee there will be no changes to our screening data between the date of this report and the submission of the permit application, which could result in the return of an application or requesting further information

Screening Results for:	Bespoke Environmental Permit - Waste Operations, including inert landfills and non-landfill SWMAs	**Date Produced:**	19/03/2024
Reference number:	EPR/JB3101SK/P001	**NGR of search:**	SD9025245199
Notes:		**Site centre distance (m):**	100

Environment Agency

Legend

- Input location
- Search area
- Local Wildlife Sites
- Protected species screened for Environr Permits - complete set
  - Protected species, non fish
  - Protected fish
  - Protected fish migratory route



Launch Easimap

Easimap Screening Results

Click here to download Permit Screening distances

Screening Results for:	Bespoke Environmental Permit - Waste Operations, including inert landfills and non-landfill SWMAs	**Date produced:**	19/03/2024
Reference number:	EPR/JB3101SK/P001	**NGR of search:**	SD9025245199
Notes:		**Site centre distance (m):**	100

Data	Details	Within	Search Direction	Action
Protected Species - Brown/Sea Trout Salmo trutta	Level of Protection: RedList_Global_post2001_LC;BAP-2007;England_NERC_S.41;Scottish_Biodiversity_List;Env (Wales) Act S7;NI_Priority;SAFFA	349m	radial	Check data restrictions. Habitat: Well-oxygenated streams, rivers, lakes. Hazards: Changes in water level/flow, chemistry, temperature; nutrient enrichment; acidification; siltation/smothering; sand/gravel extraction; migration barriers; watercourse modification; disease (aquaculture). More info from F&B. {http://ams.ea.gov/ams_root/2011/651_700/695_11.pdf#page=17 }
Protected Species - Bullhead Cottus gobio	Level of Protection: HabDir-A2*;SAFFA	128m	radial	Check data restrictions. Habitat: Streams, rivers, lakes; require hard stony substrates. Hazards: Changes in water level/flow/chemistry; nutrient enrichment; barriers to up/downstream passage; siltation/smothering; sand/gravel extraction; watercourse modification; aquatic/bank vegetation management; non-native species (competition/predation); aquaculture. More info from F&B. {http://ams.ea.gov/ams_root/2011/651_700/695_11.pdf#page=21 }
	Level of Protection: HabDir-A2*;SAFFA	349m	radial	
Flood Zone 2	Type: Fluvial Models	0m	radial	Within flood risk area
Historic Landfill Sites	Site name: Cob Lane	985m	radial	Check for the presence of a historic landfill
	Site name: Lane Ends Farm	1317m	radial	
	Site name: Park Close Quarry	1960m	radial	
	Site name: Park Close Quarries	1997m	radial	
Local Wildlife Sites	Name: Colne/Skipton Disused Railway	190m	radial	Take account of the requirements of this site. If there is no data available consult Area
Aquifer Designation (Bedrock)	Aquifer type: Secondary A	0m	radial	
	Aquifer type: Secondary A	69m	radial	
Aquifer Designation (Superficial)	Aquifer type: Secondary A	0m	radial	

Easimap Screening Results

Click here to download Permit Screening distances

Screening Results for:	Bespoke Environmental Permit - Waste Operations, including inert landfills and non-landfill SWMAs	**Date produced:**	19/03/2024
Reference number:	EPR/JB3101SK/P001	**NGR of search:**	SD9025245199
Notes:		**Site centre distance (m):**	100

Data	Details	Within	Search Direction	Action
	Aquifer type: Secondary (undifferentiated)	65m	radial	
EA Water Management Areas	Area name: Yorkshire	0m	radial	None
EPR Installation Team	EPR Team: Installations West	0m	radial	None
EPR Land and Water Team	EPR Team: Land and Water Aire, Calder & Wharfe	0m	radial	None
EPR Waste Team	EPR Team: Waste East Lancashire	0m	radial	None
Counties	Name: Lancashire County	0m	radial	None
Local Authorities	Name: Pendle	0m	radial	None
Protected Habitats - Aquifer fed water bodies	None present	50m		
Protected Habitats - Blanket Bog	None present	50m		
Protected Habitats - Chalk rivers	None present	50m		
Protected Habitats - Coastal and Floodplain Grazing Marsh	None present	50m		
Protected Habitats - Coastal Saltmarsh	None present	50m		
Protected Habitats - Coastal sand dunes	None present	0m		
Protected Habitats - Coastal vegetated shingle	None present	0m		
Protected Habitats - Culm/Rhos pasture	None present	50m		
Protected Habitats - Deciduous woodland	None present	50m		
Protected Habitats - Fens	None present	50m		

Easimap Screening Results

Click here to download Permit Screening distances

Screening Results for:	Bespoke Environmental Permit - Waste Operations, including inert landfills and non-landfill SWMAs	**Date produced:**	19/03/2024
Reference number:	EPR/JB3101SK/P001	**NGR of search:**	SD9025245199
Notes:		**Site centre distance (m):**	100

Data	Details	Within	Search Direction	Action
Protected Habitats - Intertidal mudflats	None present	0m		
Protected Habitats - Lowland Calcareous grassland	None present	50m		
Protected Habitats - Lowland dry acid grassland	None present	50m		
Protected Habitats - Lowland Heathland	None present	50m		
Protected Habitats - Lowland meadows	None present	50m		
Protected Habitats - Lowland Raised bog	None present	50m		
Protected Habitats - Maritime Cliff and Slope	None present	0m		
Protected Habitats - Mudflats	None present	0m		
Protected Habitats - Purple moor grass and Rush Pasture	None present	50m		
Protected Habitats - Reedbeds	None present	50m		
Protected Habitats - Saline lagoons	None present	50m		
Protected Habitats - Upland Calcareous grassland	None present	50m		
Protected Habitats - Upland Hay Meadows	None present	50m		
Protected Habitats - Upland Heathland	None present	50m		
Protected Habitats - Wet Woodland	None present	50m		
Protected Species - Code 1	None present	500m		
Protected Species - Code 2	None present	250m		

Easimap Screening Results

Click here to download Permit Screening distances

Screening Results for:	Bespoke Environmental Permit - Waste Operations, including inert landfills and non-landfill SWMAs	**Date produced:**	19/03/2024
Reference number:	EPR/JB3101SK/P001	**NGR of search:**	SD9025245199
Notes:		**Site centre distance (m):**	100

Data	Details	Within	Search Direction	Action
Protected Species - Code 3	None present	50m		
Protected Species - Code 4	None present	50m		
Protected Species - Atlantic Salmon Salmo salar	None present	500m		
Protected Species - Atlantic Salmon migratory route Salmo salar migratory route	None present	500m		
Protected Species - Arctic Charr Salvelinus alpinus	None present	500m		
Protected Species - Allis Shad Alosa alosa	None present	500m		
Protected Species - Allis Shad migratory route Alosa alosa migratory route	None present	500m		
Protected Species - Brook Lamprey Lampetra planeri	None present	500m		
Protected Species - Sea Trout migratory route Salmo trutta migratory route	None present	500m		
Protected Species - European Eel Anguilla anguilla	None present	500m		
Protected Species - European Eel migratory route Anguilla anguilla migratory route	None present	500m		
Protected Species - Powan Coregonus lavaretus	None present	500m		
Protected Species - River Lamprey Lampetra fluviatilis	None present	500m		

Easimap Screening Results

Click here to download Permit Screening distances

Screening Results for:	Bespoke Environmental Permit - Waste Operations, including inert landfills and non-landfill SWMAs	**Date produced:**	19/03/2024
Reference number:	EPR/JB3101SK/P001	**NGR of search:**	SD9025245199
Notes:		**Site centre distance (m):**	100

Data	Details	Within	Search Direction	Action
Protected Species - River Lamprey migratory route Lampetra fluviatilis migratory route	None present	500m		
Protected Species - Sea Lamprey Petromyzon marinus	None present	500m		
Protected Species - Sea Lamprey migratory route Petromyzon marinus migratory route	None present	500m		
Protected Species - Smelt Osmerus eperlanus	None present	500m		
Protected Species - Smelt migratory route Osmerus eperlanus migratory route	None present	500m		
Protected Species - Spined Loach Cobitis taenia	None present	500m		
Protected Species - Twaite Shad Alosa fallax	None present	500m		
Protected Species - Twaite Shad migratory route Alosa fallax migratory route	None present	500m		
Protected species - Unidentified Lamprey Petromyzontidae	None present	500m		
Protected Species - Unidentified Shad Alosa	None present	500m		
Protected Species - Unidentified Shad migratory route Alosa migratory route	None present	500m		
Protected Species - Vendace Coregonus albula	None present	500m		
Protected Species - Bembridge Beetle Paracymus aeneus	None present	50m		

Easimap Screening Results

Click here to download Permit Screening distances

Screening Results for:	Bespoke Environmental Permit - Waste Operations, including inert landfills and non-landfill SWMAs	**Date produced:**	19/03/2024
Reference number:	EPR/JB3101SK/P001	**NGR of search:**	SD9025245199
Notes:		**Site centre distance (m):**	100

Data	Details	Within	Search Direction	Action
Protected Species - Brown Diving Beetle Agabus brunneus	None present	50m		
Protected Species - Gravel Water Beetle Hydrochus nitidicollis	None present	50m		
Protected Species - Hairy Click Beetle Synaptus filiformis	None present	50m		
Protected Species - Lesser Silver Water Beetle Hydrochara caraboides	None present	50m		
Protected Species - Mire Pill Beetle Curimopsis nigrita	None present	50m		
Protected Species - Newberys Rove Beetle Thinobius newberyi	None present	50m		
Protected Species - One-grooved Diving Beetle Bidessus unistriatus	None present	50m		
Protected Species - Pale Pin-palp Bembidion testaceum	None present	50m		
Protected Species - Shingle Rove Beetle Meotica anglica	None present	50m		
Protected Species - Spangled Diving Beetle Graphoderus zonatus	None present	0m		
Protected Species - Marsh Fritillary Euphydryas aurinia	None present	50m		
Protected Species - White-clawed Freshwater Crayfish Austropotamobius pallipes	None present	50m		
Protected Species - Southern Damselfly Coenagrion mercuriale	None present	50m		
Protected Species - Medicinal Leech Hirudo medicinalis	None present	50m		

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Screening Results for:	Bespoke Environmental Permit - Waste Operations, including inert landfills and non-landfill SWMAs	**Date produced:**	19/03/2024
Reference number:	EPR/JB3101SK/P001	**NGR of search:**	SD9025245199
Notes:		**Site centre distance (m):**	100

Data	Details	Within	Search Direction	Action
Protected Species - Sand Lizard Lacerta agilis	None present	50m		
Protected Species - Depressed (or Compressed) River Mussel Pseudanodonta complanata	None present	50m		
Protected Species - Fine-lined Pea Mussel Odhneripisidium tenuilineatum	None present	50m		
Protected Species - Fairy Shrimp Chirocephalus diaphanus	None present	0m		
Protected Species - Tadpole Shrimp Triops cancriformis	None present	50m		
Protected Species - Desmoulins Whorl Snail Vertigo (Vertigo) moulinsiana	None present	50m		
Protected Species - Geyers Whorl Snail Vertigo (Vertigo) geyeri	None present	50m		
Protected Species - Glutinous Snail Myxas glutinosa	None present	50m		
Protected Species - Lagoon Spire Snail Semisalsa stagnorum	None present	50m		
Protected Species - Little Whirlpool Rams-horn Snail Anisus (Disculifer) vorticulus	None present	50m		
Protected Species - Narrow-mouther Whorl Snail Vertigo (Vertilla) angustior	None present	50m		
Protected Species - Fen Raft Spider Dolomedes plantarius	None present	0m		

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Screening Results for:	Bespoke Environmental Permit - Waste Operations, including inert landfills and non-landfill SWMAs	**Date produced:**	19/03/2024
Reference number:	EPR/JB3101SK/P001	**NGR of search:**	SD9025245199
Notes:		**Site centre distance (m):**	100

Data	Details	Within	Search Direction	Action
Protected Species - Natterjack Toad Epidalea calamita	None present	50m		
Protected Species - European Water Vole Arvicola amphibius	None present	50m		
Protected Species - Creeping Marshwort Apium repens	None present	50m		
Protected Species - Floating Water-plantain Luronium natans	None present	50m		
Protected Species - Greater Water-parsnip Sium latifolium	None present	50m		
Protected Species - Marsh Saxifrage Saxifraga hirculus	None present	50m		
Protected Species - Ribbon-Leaved Water Plantain Alisma gramineum	None present	50m		
Protected Species - Shore Dock Rumex rupestris	None present	50m		
Protected Species - Slender Stonewort Nitella gracilis	None present	50m		
Protected Species - Southern Silver-stiletto Cliorismia rustica	None present	50m		
Protected Species - Stary Stonewort Nitellopsis obtusa	None present	50m		
Protected Species - Tassel Stonewort Tolypella intricata	None present	50m		
Protected Species - The Shining Rams-horn Segmentina nitida	None present	50m		
Protected Species - Threatened bryophyte record - WaC Act Schedule 8 Dendrocryphaea lamyana	None present	50m		

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Reference number:	EPR/JB3101SK/P001	**NGR of search:**	SD9025245199
Notes:		**Site centre distance (m):**	100

Data	Details	Within	Search Direction	Action
Protected Species - Threatened bryophyte record - WaC Act Schedule 8 Hamatocaulis vernicosus	None present	50m		
Protected Species - Threatened bryophyte record - WaC Act Schedule 8 Petalophyllum ralfsii	None present	50m		
Protected Species - Threatened lichen record - WaC Act Schedule 8 Collema dichotomum	None present	50m		
Protected Species - Triangular Club-rush Schoenoplectus triqueter	None present	50m		
Protected Species - Triangular Club-rush Hybrid Schoenoplectus tabernaemontani x triqueter = S. x kuekenthalianus	None present	50m		
Protected Species - Water Germander Teucrium scordium	None present	50m		
Flood Zone 3	None present	0m		
Authorised Landfill Sites	None present	2000m		
Special Areas of Conservation - England	None present	1000m		
Special Areas of Conservation - Wales	None present	1000m		
Special Protection Areas - England	None present	1000m		
Special Protection Areas - Wales	None present	1000m		
Ramsar Sites - England	None present	1000m		
Ramsar Sites - Wales	None present	1000m		
Marine Conservation Zones	None present	1000m		

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Reference number:	EPR/JB3101SK/P001	**NGR of search:**	SD9025245199
Notes:		**Site centre distance (m):**	100

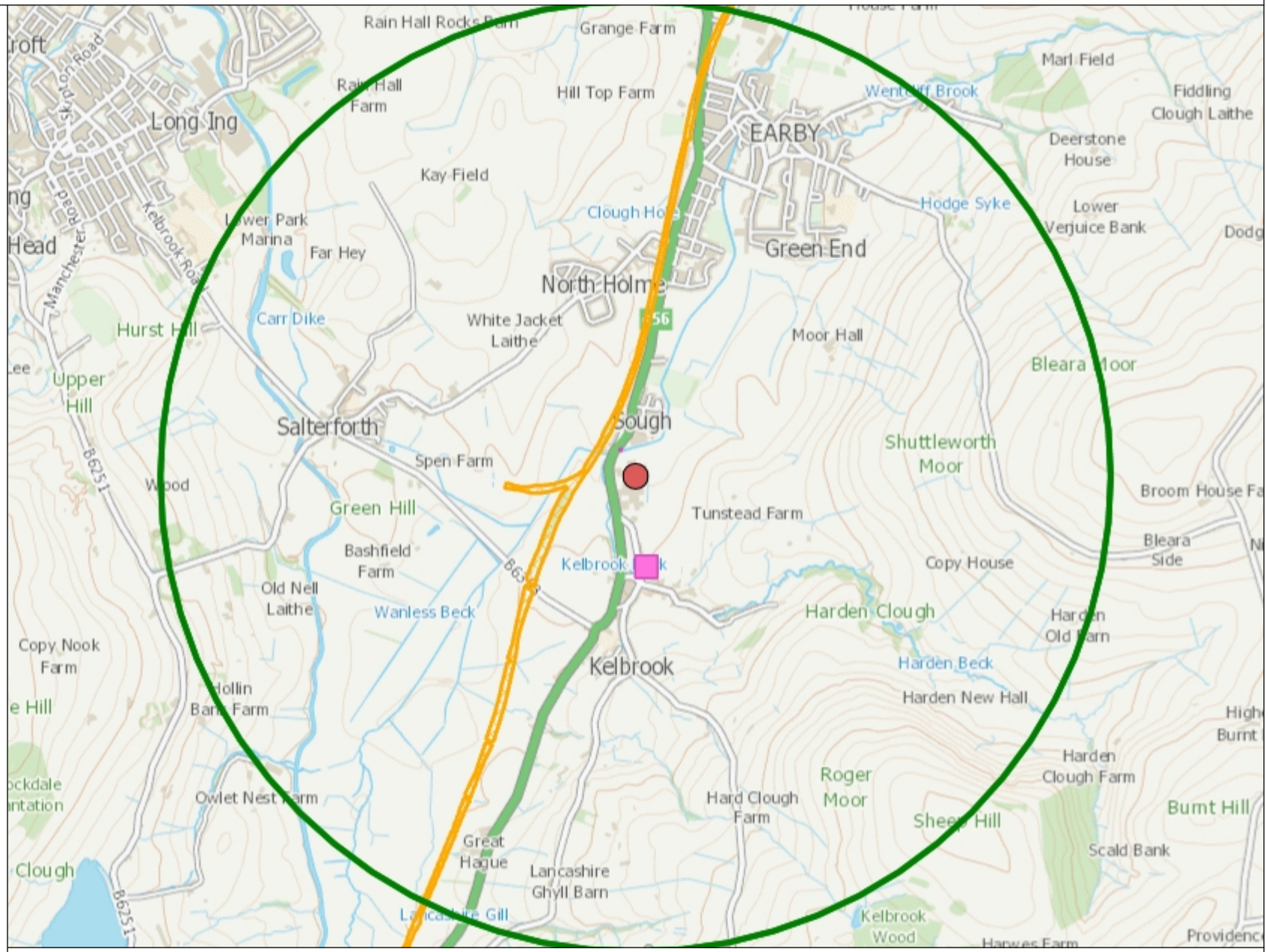
Data	Details	Within	Search Direction	Action
Sites of Special Scientific Interest - England	None present	1000m		
Sites of Special Scientific Interest - Wales	None present	1000m		
National Nature Reserves - England	None present	200m		
National Nature Reserves - Wales	None present	200m		
Local Nature Reserves - England	None present	200m		
Local Nature Reserves - Wales	None present	200m		
Ancient Woodland - England	None present	200m		
Ancient Woodland - Wales	None present	200m		

Protected Species

Environment Agency

Legend

- Local Wildlife Sites
- Protected species screened for Env Permits - complete set
  - Protected species, non fish
  - Protected fish
  - Protected fish migratory route



1: 25,000

0 625

Metres

N W E S

Starling
Environmental
Limited