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| Client: Solihull Community Housing                                        |
| Address: Endeavour House, Meriden Drive, Solihull, West Midlands, B37 6BX |



**Solihull**  
Community Housing  
Shaping our neighbourhoods

## Solihull Community Housing

## Environmental Risk Assessment

**Application to Vary Environmental Permit EPR/PP3692FS**  
**Chapelhouse Road Asset Management Hub, Chapelhouse Road,**  
**Chelmsley Wood, Solihull, B37 5HA**

20 January 2026

Our Reference: SCC-Env Risk Assessment, RP03, Final



**Waste And Industry Compliance Ltd**

ENVIRONMENTAL CONSULTANCY SERVICES

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SCC-Env Risk Assessment, RP03, Final

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# 1 INTRODUCTION

## 1.1 BACKGROUND

- 1.1.1 This Environmental Risk Assessment has been prepared on behalf of Solihull Community Housing (**the Operator**) for their Waste Transfer Station at Chapelhouse Road Asset Management Hub, Chapelhouse Road, Chelmsley Wood, Solihull, B37 5HA (**the Site**). It has been prepared to support an application to vary the Site's Environmental Permit (ref EPR/PP3692FS).
- 1.1.2 The permit variation application seeks to:
- Add waste types and associated European Waste Catalogue (EWC) codes for certain hazardous wastes that are currently received under registered S1 and S2 exemptions, with the intention of deregistering these exemptions immediately before permit variation issue;
  - Increasing the maximum waste storage capacity at the Site from 130 cubic yards to 300 cubic yards (229m<sup>3</sup>).
- 1.1.3 The maximum waste throughput at the Site will remain as currently authorised by the permit, i.e. 5,000 tonnes per annum.
- 1.1.4 The Site is used for the safe storage, bulking-up and transfer of wastes arising from:
- The modernisation and refurbishment of tenanted and leased properties managed by Solihull Community Housing on behalf of Solihull Metropolitan Borough Council (MBC);
  - The removal of all wastes and materials discarded by outgoing tenants and lessees at the end of the tenancy or lease period or in the event that properties have been vacated and abandoned by the tenant/lessee;
  - The removal of any wastes associated with refurbishment and repair works;
  - Bulky waste collection services provided by Solihull Community Housing on behalf of Solihull MBC, which comprise the collection of up to 3 bulky items per tenant or lessee, where booked and agreed;
  - Collections of fly-tipped wastes, on behalf of Solihull MBC.
- 1.1.5 Wastes are stored and bulked-up at the Site in a series of dedicated and sealed roll on roll off containers, skips, bins and compactor containers. Each container, skip and bin etc is clearly labelled to show the types of waste within. Wastes are not tipped or stored directly on the ground.
- 1.1.6 In addition to non-hazardous wastes from house clearance works etc, the Site receives small quantities of hazardous materials such as asbestos, waste oil, lead acid batteries, fluorescent tubes etc. The maximum amount of hazardous waste accepted at the Site will not exceed 10 tonnes per day and no more than 50 tonnes of hazardous waste will be stored on site at any time. By accepting and safely storing hazardous wastes on site for their removal to authorised facilities, the Operator ensures these materials are safely managed when properties are vacated by tenants and lessees and are not left abandoned in vacated residential properties.
- 1.1.7 The Site comprises a fully concreted external yard that is drained to foul sewer, via an interceptor.

All wastes containers etc are stored on the concrete yard.

1.1.8 Waste storage comprises:

- A netted waste storage area circa 5.00m high for the storage of mixed construction and demolition wastes (bricks, tiles, concrete, rubble) and scrap metal in dedicated roll-on roll-off containers (no wastes are stored directly on the ground). The netted area is suitably sized to house up to 3 No roll-on roll-off containers, each of 20 to 25 cubic yard capacity. A water sprinkler system is installed to provide coverage of the roll-on roll-off containers for dust suppression;
- 1 No 20 cubic yard skip for bulky wastes, such as domestic seating, which may contain persistent organic pollutants (POPs);
- 1 No 8 cubic yard WEEE skip;
- 4 No 1,100 litres lockable wheelie bins for the storage of confidential waste;
- 3 No 1,000 litres IBCs for the storage of waste paint tins;
- 1 No plastic collapsible lamp / fluorescent tube storage container;
- 1 No battery storage container for lead acid batteries;
- 1 No battery storage container for domestic type batteries (e.g. alkaline AA and AAA batteries);
- 1 No sealed and lockable container for the storage of asbestos wastes;
- 1 No secure gas bottle storage cage
- 1 No wood skip.

1.1.9 There is also an electrically operated waste compactor that compacts waste into 35 cubic yard compactor bins, which are emptied at least twice per week.

1.1.10 A lockable secure storage area is provided for unclassified/hazardous waste, in the unlikely event that any is allowed on site, prior to its urgent removal off site to an authorised facility.

1.1.11 The Site is located is located on the Chelmsley Wood housing estate, in a predominantly residential area, and is accessed off Chapelhouse Road. The depot is secured by 2.5m high steel palisade perimeter fencing, with the exception of the northern boundary adjacent to the Junction Community and Enterprise Centre. Here the boundary is secured by a 6m high steel frame and metal clad wall and 2.7m high steel palisade fencing. The Site entrance is secured by two 2.5m high lockable palisade gates.

1.1.12 CCTV cameras are installed for additional security and provide coverage of all the Site. In total 5 No PTZ (pan, tilt and zoom) cameras and 6 No static cameras are installed.

1.1.13 These cameras are monitored outside of operational hours by a dedicated team at Solihull MBC, who would raise the alarm and notify the police, fire service and site personnel, as appropriate, in the event of illegal entry, fire or smoke so that emergency measures could be implemented (see

Environment and Emergency Management System).

- 1.1.14 The Kingshurst Brook is located circa 23m east of the Site at the closest point. There are no discharges from the Site to this or any surface water course.
- 1.1.15 This Site has an Environmental and Emergency Management System and Fire Prevention Plan (FPP), which have been prepared by Solihull Community Housing's Logistic Manager and Logistics Co-ordinator. Both members of staff have suitable WAMITAB Certificates and in date Certificates of Continuing Competence for the Site.
- 1.1.16 A Dust and Emissions Management Plan (DEMP) and an Odour Management Plan (OMP) have also been prepared to support the permit variation application.

## **2 RISK ASSESSMENT**

- 2.1.1 The Environmental Risk Assessment is shown in Table 2 below.

**Table 1 Environmental Risk Assessment**

| Hazard                                                            | Receptor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Pathway | Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Probability of Exposure                                                                                                                                           | Consequence                                                    | What is the Overall Risk |
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| <b>Odour</b>                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                   |                                                                |                          |
| Odour from waste delivery, off-loading and storage and processing | <p>The nearest residential properties to the Site are located circa:</p> <ul style="list-style-type: none"> <li>- 45m west on Chapelhouse Road;</li> <li>- 49m west on Moat Croft;</li> <li>- 51m west of Coleford Drive;</li> <li>- 67m east on Winchester Drive;</li> <li>135m east on Durham Croft;</li> <li>- 158m southwest on Kelsull Croft;</li> <li>- 163m southwest on Chester Close;</li> <li>- 167m northwest on Nineacres Drive;</li> </ul> <p>There are commercial premises in proximity to the Site, including the Junction Community Centre, to the immediate north of the</p> | Air     | <p>Waste pre-acceptance procedures will be used to identify any potentially highly odorous wastes or putrescible materials that should be rejected for delivery to the Site and instead taken directly to a suitable authorised facility for disposal.</p> <p>Wastes approved for delivery to the Site following the pre-acceptance and acceptance checks are visually inspected on arrival. Any inadvertently deposited materials that are odorous will be placed in a sealed and lidded quarantine skip for urgent removal off-site to an authorised facility.</p> <p>Wastes are stored in a series of sealed containers, skips and bins etc, which are predominantly lidded and closed. Wastes stored in open top roll on roll off containers, such as builder's rubble (bricks, concrete, tiles etc) and scrap metal, are not odorous. Waste oil is stored in a double skinned 1,000 litres tank.</p> <p>Wastes transferred into 35 cubic yard compactor containers are quickly removed from the Site, as at least two such containers are transferred off-site each week for emptying at a suitably authorised facility. The receipt and dispatch of wastes on a first in first out basis minimises any potential for odour generation at the Site. Materials are not allowed to accumulate over time and become potentially odorous.</p> <p>As part of the first in first out policy, care will be taken to ensure that when a waste storage container, skip, bin etc is transferred off-site for emptying, the storage area (including the corners) are swept out and cleared of any accumulated dust/residues etc, so that all materials are removed and do not accumulate and become potentially odorous.</p> | Unlikely as the site has no history of odour complaints and does not accept putrescible wastes such as wastes from the food industry, fishing or agriculture etc. | Odour annoyance to anyone living or working close to the Site. | Low                      |

| Hazard                                                      | Receptor                                                                                                                                                                                                                                                                                           | Pathway | Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Probability of Exposure                                            | Consequence                                                    | What is the Overall Risk |
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|                                                             | <p>facility, Riverside Family Hub, circa 126m north, Bosworth Community Centre, circa 138m north, the C's Bar Restaurant and Function Room, circa 141m northwest and Chelmsley Wood Shopping Centre, 200m northwest.</p> <p>St Anne's Catholic Primary School is circa 181m north of the Site.</p> |         | <p>Additional sweeping and cleaning will take place if noticeable waste, dust or fluff accumulation is present or if there is the potential for associated emissions from the Site.</p> <p>It is important to note that there is no history of odour complaints at the Site. In the unlikely event that significant odour is detected or a complaint is received about odour, it will be monitored and logged in accordance with the Environmental and Emergency Management System procedures in place. Mitigation measures will be implemented, as appropriate, to ensure a high level of control.</p> <p>A detailed Odour Management Plan has been prepared for the site.</p> |                                                                    |                                                                |                          |
| Odour from recovered materials, prior to off-Site dispatch. | See above. Residential and commercial properties in the vicinity of the Site.                                                                                                                                                                                                                      | Air     | See above.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unlikely, see above.                                               | Odour annoyance to anyone living or working close to the Site. | Low                      |
| Odour from oil storage tank.                                | See above. Residential and commercial properties.                                                                                                                                                                                                                                                  | Air     | <p>Diesel (for use in Solihull Community Housing commercial vehicles and mobile plant) and waste oil (from tenanted and leased residential properties) are both stored in dedicated, double skinned tanks. The use of enclosed, double skinned tanks prevents the escape of leaks and odours.</p> <p>Notwithstanding the above, the Operator will undertake daily olfactory monitoring at the Site boundary and if odour is detected at levels that may cause a nuisance, the incident will be investigated and any actions necessary discussed with the Environment Agency and implemented as a priority.</p>                                                                  | Unlikely as emission from the tank or containers would be minimal. | Odour annoyance to anyone living or working close to the Site. | Very Low                 |



| Hazard                                                                                                     | Receptor                                                                                                                                    | Pathway                                                    | Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Probability of Exposure                           | Consequence                                                                                                                | What is the Overall Risk |
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| Kingshurst Brook Proposed Local Wildlife Site                                                              |                                                                                                                                             |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                   |                                                                                                                            |                          |
| Noise                                                                                                      | Kingshurst Brook Proposed LWS, circa 23m east of the Site at the closest point                                                              | Air                                                        | The Site accepts a relatively small amount of waste (circa 5 tonnes per working day), meaning that the number of vehicle movements into and out of the yard per day is small. The only waste processing on site is the use of the waste compactor, which is only operated between the hours of 8.00am to 4.30pm, i.e. during normal working hours. Noise from vehicle movements and the waste compactor does not cause significant impact on the LWS or associated fauna.                                                                                                            | Unlikely                                          | Potential contamination and deterioration in water quality of Kingshurst Brook and detriment to associated flora and fauna | Low                      |
| Dust                                                                                                       |                                                                                                                                             | Air                                                        | Most wastes are stored in lidded and enclosed containers, which prevents dust emissions.<br><br>A netted waste storage area, circa 5.00m high, is installed for the roll on roll off containers used to store builder’s rubble and scrap metal. The netted area is suitably sized to house up to 3 No roll-on roll-off containers, each of 20 to 25 cubic yard capacity, and helps to minimise any fugitive dust or litter emissions from the skips. In addition, a water sprinkler system is installed to provide coverage of the roll-on roll-off containers for dust suppression. |                                                   |                                                                                                                            |                          |
| Contaminated surface water runoff                                                                          |                                                                                                                                             | Overland                                                   | There are no discharges from the Site to Kingshurst Brook. All surface water runoff is discharged to foul sewer via an interceptor.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                   |                                                                                                                            |                          |
| Noise and Vibration                                                                                        |                                                                                                                                             |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                   |                                                                                                                            |                          |
| Engine noise from vehicles entering and exiting the Site, including reversing beepers and waste processing | See above. Residential and commercial properties in neighbouring areas.<br><br>Noise can cause impact to fauna in designated habitat sites. | Noise via the atmosphere and vibration through the ground. | The Site’s operational hours are 0800-1800 hours Monday to Saturday. The only mechanical plant on Site, other than the forklift truck, is a compactor unit, which is only operated between the hours of 8.00am to 4.30pm, i.e. during normal working hours. There is no nighttime working associated with the facility and the Site does not have any history of complaints, including for noise, despite being in operation since 1999.                                                                                                                                             | Unlikely due to the mitigation measures in place. | Noise annoyance to anyone living or working close to the Site (excluding operators or employees).                          | Low                      |

| Hazard                    | Receptor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Pathway | Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Probability of Exposure | Consequence                                                | What is the Overall Risk |
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| activities and equipment. | <p>Kingshurst Brook Proposed LWS considered separately above.</p> <p>Alcott Woods Local Nature Reserve (LNR) is circa 310m south of the Site at the closest point.</p> <p>Chelmsley Wood LNR is circa 477m north northeast of the Site at the closest point, beyond which is Cole Bank LNR, circa 723m north northeast of the facility.</p> <p>Marston Green Park LNR is circa 630m south of the Site at the closest point.</p> <p>The nearest designated Ancient Wood is located within Alcott Woods at circa 325m south of the Site.</p> <p>The nearest Priority Habitat is an area of Deciduous Woodland, circa 276m north northeast of the Site. Further Priority Habitat</p> |         | <p>To minimise noise emissions, all vehicles, plant and machinery operated at the Site will be maintained in accordance with the manufacturer's specification.</p> <p>Plant and vehicles will be switched off when not in use.</p> <p>In the unlikely event of any noise complaints from local residents and businesses, details will be logged in accordance with the Environmental and Emergency Management System. Mitigation measures will be implemented, as appropriate, to ensure a high level of control.</p> |                         | Noise disturbance to wildlife in designated habitat sites. |                          |

| Hazard                                                                                                                 | Receptor                                                                                                                                                                                                  | Pathway                                                 | Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Probability of Exposure                                  | Consequence                                                                                             | What is the Overall Risk |
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|                                                                                                                        | <p>is located circa 315m south of the Site.</p> <p>There are no European Sites, SSSIs, National Nature Reserves (NNR), Biosphere Reserves or Marine Conservation Zones within the screening distance.</p> |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          |                                                                                                         |                          |
| <b>Fugitive Emissions – Air</b>                                                                                        |                                                                                                                                                                                                           |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          |                                                                                                         |                          |
| <p>Dust from vehicle movements, waste storage and processing, including the trommel. Dust from materials dispatch.</p> | <p>See above. Residential and commercial properties. Designated habitat sites.</p>                                                                                                                        | <p>Air transport then inhalation and/or deposition.</p> | <p>A Dust Management Plan has been prepared for the Site and is included as part of the permit variation application.</p> <p>Vehicle movements have the potential to emit particulates particularly during prolonged dry periods, e.g. summer months. Procedures to prevent dust emissions include the following: the external yard comprises engineered concrete surface throughout. There are no unpaved surfaces.</p> <p>Most wastes are stored in lidded and enclosed containers, which prevents dust emissions.</p> <p>A netted waste storage area, circa 5.00m high, is installed for the roll on roll off containers used to store builder's rubble and scrap metal. The netted area is suitably sized to house up to 3 No roll-on roll-off containers, each of 20 to 25 cubic yard capacity, and helps to minimise any fugitive dust or litter emissions from the skips. In addition, a water sprinkler system is installed to provide coverage of the roll-on roll-off containers for dust suppression.</p> <p>If on-site conditions become dusty, a hose will be used on the external yard. In the unlikely event that the public highway</p> | <p>Unlikely due to the mitigation measures in place.</p> | <p>Dust annoyance to anyone living or working close to the Site (excluding operators or employees).</p> | <p>Low</p>               |

| Hazard                                             | Receptor                               | Pathway                                                                                                | Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Probability of Exposure | Consequence                                                                               | What is the Overall Risk |
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|                                                    |                                        |                                                                                                        | <p>becomes muddy from site activities, a road sweeper will be hired as needed.</p> <p>The Site boundary will be inspected on a daily basis for any dust or particulates escaping the Site. In the event of any dust emissions or complaints received about dust or particulate emissions, details will be logged in accordance with the Environmental and Emergency Management System. Mitigation measures will be implemented, as appropriate, to ensure a high level of control.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |                                                                                           |                          |
| <b>Fugitive Emissions - Water</b>                  |                                        |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |                                                                                           |                          |
| Flood water and contaminated surface water runoff. | Local surface waters and groundwater.  | Direct run-off from the Site to adjacent, uncontained areas and percolation into soil and groundwater. | <p>The Flood Map for Planning (<a href="https://flood-map-for-planning.service.gov.uk">https://flood-map-for-planning.service.gov.uk</a>) shows that the Site is located in a Flood Zone 1 and has a low probability of flooding, i.e. less than 1 in 1,000 annual probability of river or sea flooding.</p> <p>The external yard is concreted throughout and drains to the foul sewer, via an interceptor.</p> <p>A 10,000 litres double skinned tank is used for diesel storage on site. In addition, a 1,000 litres double skinned tank is used for the storage of waste oil from tenanted and leased domestic properties. Any other fuels stored on Site, e.g. for use in mobile plant, will be stored in either dedicated tanks or containers. These will be either double skinned tanks or located in an impermeable bunded area, with a capacity of at least 110% of the largest tank's contents.</p> <p>Any complaints received at the Site about surface water run-off will be monitored and logged in accordance with the Environmental and Emergency Management System in place. Mitigation measures will be implemented, as appropriate, to ensure a high level of control.</p> | Low                     | Increased suspended solids, potential contaminants and organic component of waste stream. | Low                      |
| <b>Fugitive Emissions - Mud and Debris</b>         |                                        |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |                                                                                           |                          |
| Mud and debris being liberated                     | Chapelhouse Road and surrounding roads | Transportation of mud                                                                                  | The entire external yard and access off Chapelhouse Road comprise engineered surfaces. All wastes are stored in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Unlikely                | Potential risk of vehicle                                                                 | Very Low                 |

| Hazard                                         | Receptor                                                                                          | Pathway                                                                                 | Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Probability of Exposure | Consequence                                                                                                                                                                                       | What is the Overall Risk |
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| beyond the Site boundary.                      |                                                                                                   | and debris from the Site on the under carriage and wheels of vehicles exiting the Site. | <p>containers, skips and bins. Waste is not stored on the ground. Vehicles are not required to drive over unpaved areas. A sealed drainage system is installed at the Site. This minimises any potential for mud and debris generation on site surfaces.</p> <p>In the highly unlikely event the adjacent public highway and surrounding roads become muddy due to site activities, a road sweeper will be deployed on an as and when required basis.</p> <p>Any complaints received at the Site about mud and debris will be monitored and logged in accordance with the Environmental and Emergency Management System procedures in place. Mitigation measures will be implemented, as appropriate, to ensure a high level of control.</p>                                                                                                                                                                                                          |                         | accidents if mud accumulation occurs and is not treated.                                                                                                                                          |                          |
| <b>Pests and vermin</b>                        |                                                                                                   |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |                                                                                                                                                                                                   |                          |
| Pest and/or vermin infestation of waste loads. | See above. Residential, and commercial properties in the neighbouring areas. Designated habitats. | Airborne (flies and other insects, scavenging birds). Land (rodents and other vermin).  | <p>Pest control measures include:</p> <ul style="list-style-type: none"> <li>Refusing any waste loads where pre-acceptance documentation or visual inspection on arrival, shows them to be infested or likely infested with vermin, insects or other pests;</li> <li>Immediate quarantining of any infected loads that are inadvertently received at the Site, by placing them in a sealed, enclosed and lidded skip or container and arranging for their emergency treatment by a pest control contractor and removal off-site to a suitably authorised facility;</li> <li>Ensuring waste is processed on a first in first out basis;</li> <li>Sweeping waste storage areas to ensure a high standard of cleanliness and prevent wastes accumulating over a significant period of time or becoming putrescible;</li> <li>Ensuring that waste does not accumulate in inaccessible areas such as behind plant and equipment and containers;</li> </ul> | Unlikely                | Potential nuisance to anyone living or working close to the Site. Gulls and other scavenging birds have the potential to cause disturbance and predation of wildlife in designated habitat sites. | Low                      |

| Hazard                                         | Receptor                                                                                         | Pathway  | Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Probability of Exposure | Consequence                                                                                                                               | What is the Overall Risk |
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|                                                |                                                                                                  |          | <ul style="list-style-type: none"> <li>Site staff undertake regular site inspections to highlight any sources of pest infestation. If any remedial action is required the site staff will initially inform the Site Logistics Co-ordinator, who then would contact internal SCH Better Places Pest Control Services Department;</li> <li>The SCH Better Places Pest Control Services Department conduct monthly site inspection to highlight any sources of pest infestation and address any remedial action required.</li> </ul> <p>In the unlikely event of infestations or any complaints received at the Site, details will be logged in accordance with the Environmental and Emergency Management System procedures in place. Mitigation measures will be implemented, including contacting SCH Better Places Pest Control Services Department, to ensure a high level of control.</p> |                         |                                                                                                                                           |                          |
| <b>Litter</b>                                  |                                                                                                  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                                                                                                                           |                          |
| Litter deposits within waste loads or on Site. | See above. Residential and commercial properties in the neighbouring areas. Designated habitats. | Airborne | <p>A netted waste storage area, circa 5.00m high, is located above and around 3 sides of the roll on roll off containers used for the storage of mixed construction and demolition wastes and scrap metal.</p> <p>The majority of other wastes are stored in sealed and lidded containers, skips and bins, meaning the risk of litter escape is small.</p> <p>In the unlikely event that litter escapes the Site it will be collected and appropriately disposed of as a matter of urgency. External yard areas of the Site will be kept clean and litter picked should this become necessary.</p> <p>In the event of litter complaints received at the Site, details will be logged in accordance with the Environmental and Emergency Management System procedures in place. Mitigation measures</p>                                                                                       | Unlikely                | Potential nuisance to anyone living or working close to the Site. Unsightly impact on adjacent areas, including designated habitat sites. | Low                      |

| Hazard                                                                                                                                                       | Receptor                                                                                                                                                  | Pathway                                                                                        | Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Probability of Exposure | Consequence                                                                                                                                             | What is the Overall Risk |
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|                                                                                                                                                              |                                                                                                                                                           |                                                                                                | will be implemented, as appropriate, to ensure a high level of control.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                         |                                                                                                                                                         |                          |
| <b>Fires</b>                                                                                                                                                 |                                                                                                                                                           |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                                                                                                                                         |                          |
| Fires on Site from plant and equipment. (Including arson and/or vandalism causing the release of polluting materials to air (smoke or fumes), water or land. | Staff, visitors, other personnel on Site, local human population, plant and equipment. Designated habitats. Surface water courses, soils and groundwater. | Air transport of smoke. Spillages and uncontained firewater, e.g. by direct run-off from site. | <p>A detailed Fire Prevention Plan (FPP) has been prepared for the Site that meets the requirements of the Environment Agency's Fire Prevention Plan Guidance.</p> <p>On site plant and equipment will be maintained on a regular basis to ensure it is working effectively to minimise the risk of fire.</p> <p>Fire extinguishers will be located on site and staff are trained in their use. If deemed necessary, the fire brigade will be contacted and the Environment Agency informed.</p> <p>No materials will be burnt on Site.</p> <ul style="list-style-type: none"> <li>All staff undergo training in site fire and emergency evacuation plans and procedures during induction.</li> <li>All staff undergo fire awareness training, E-Learning training every three years.</li> <li>All logistics and site waste transfer staff undergo department emergency and fire procedure training during induction, refresher training is provided annual or after any changes.</li> <li>Contractors undergo induction emergency and fire evacuation training.</li> <li>Fire evacuation procedures are displayed in the waste transfer site kiosk.</li> <li>Weekly fire alarm check and fire fighting equipment visual checks are carried out.</li> <li>Fire extinguishers are serviced annually, fire alarm is tested quarterly, emergency lighting is tested monthly and annually.</li> <li>Full site fire evacuation drills are held six monthly.</li> </ul> | Unlikely                | Respiratory irritation, illness and nuisance to local population. Injury to staff, fire fighters or arsonists / vandals. Pollution of waters and soils. | Low                      |

| Hazard                                                                                             | Receptor                                                                                                                       | Pathway                         | Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Probability of Exposure                        | Consequence                                                                     | What is the Overall Risk |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------|--------------------------|
|                                                                                                    |                                                                                                                                |                                 | <ul style="list-style-type: none"> <li>All inspection and evacuation logs are held in the site fire folder.</li> <li>Every six months the logistics and waste transfer site staff carry out desk top fire drill scenarios, these include type of fire and how to approach/control them, action that staff need to take if a fire occurs, rolls and responsibilities during a fight and how to prevent fires occurring in the first place.</li> </ul>                                                                                                                                                                                                                                                                                                                                      |                                                |                                                                                 |                          |
| <b>Oil/Diesel Leak</b>                                                                             |                                                                                                                                |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                |                                                                                 |                          |
| Leak from the waste oil / diesel storage areas on Site (including overfilling, vandalism etc.)     | Surface water courses, soils and groundwater.                                                                                  | Percolation through the ground. | <p>Diesel is stored in a 10,000 litres double skinned tank. Waste oil is stored in a 1,000 litres double skinned tank.</p> <p>Any other fuels or oils etc kept on Site will be stored in dedicated tanks or containers. These will be either double skinned tanks or located in an impermeable bunded area, with a capacity of at least 110% of the largest tank's contents. The use of enclosed containers or tanks will prevent the escape of leaks or inadvertent spillage to uncontained areas.</p> <p>Spill kits are kept on Site and used to treat any spillages of potentially polluting liquids. All Site staff will be trained in the relevant procedures on Site.</p> <p>The operational procedures on Site form part of the Environmental and Emergency Management System.</p> | Unlikely                                       | Potential contamination of local water courses and underlying groundwater.      | Very Low                 |
| <b>Security</b>                                                                                    |                                                                                                                                |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                |                                                                                 |                          |
| Entry from unauthorised persons, resulting in fire, injury, accidental damage, arson or vandalism. | Respiratory irritation, illness and nuisance to local population. Injury to staff or firefighters. Pollution of water or land. | Air, Land and Water             | The Site is secured by 2.5m high steel palisade perimeter fencing, with the exception of the northern boundary adjacent to the Junction Community and Enterprise Centre. Here the boundary is secured by a 6m high steel frame and metal clad wall and 2.7m high steel palisade fencing. The Site entrance is secured by two 2.5m high lockable palisade gates.                                                                                                                                                                                                                                                                                                                                                                                                                           | Unlikely due to the security measures on site. | Potential pollution or environmental harm. Risk of accidents and injury. Damage | Low                      |



| Hazard | Receptor | Pathway | Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                          | Probability of Exposure | Consequence                | What is the Overall Risk |
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|        |          |         | CCTV cameras are installed for additional security and provide coverage of all the Site. These cameras are monitored outside of operational hours by a dedicated team at Solihull MBC, who would raise the alarm and notify the police, fire service and site personnel, as appropriate, in the event of illegal entry, fire or smoke so that emergency measures could be implemented (see Environment and Emergency Management System). |                         | to plant and equipment etc |                          |