Application for a Bespoke Waste Management Licence

# EPR/EP3227SQ/A001

Arundel Motors (H.Askey) Ltd

Monksbridge Rd

Dinnington

Sheffield

S25 3QS

Request for Further Information

**ENVIRONMENTAL POLICY**

**Arundel Motors (H. Askey) Ltd**

H. Askey recognises that its day-to-day activities as a major supplier of haulage and warehousing has an impact on the environment. The Company is therefore committed to reducing negative effects and promoting positive environmental impacts wherever possible.

In support of this commitment the Company shall;

* Identify and comply with all applicable compliance obligations to which we subscribe and which relate to our environmental aspects.
* Be committed from top management down to provide necessary resources for the continual improvement of our processes and activities to reduce their effects on the environment, to minimise waste and to help prevent pollution.
* Implement, maintain and continually improve an environmental management system, and ensure that all our staff are fully aware of their roles and responsibilities within the system.
* Make this policy available to the public and any other interested parties upon request.

Rob Askey

Divisional Director

PROCEDURE FOR THE RECEIPT OF SPENT ACTIVATED CARBON

WRITTEN BY: Matthew Webb, Technical, Quality and Compliance Manager

LAST REVIEW DATE: 16th July 2024

# Overview

Spent activated carbon is a waste. It must be carried by a licenced carrier with the correct paperwork.

The following procedures should always be followed on receipt of spent activated carbons

## Receipt of Carbon, Filling and Placing of bags

* The haulier that brings the spent carbon to site must be a registered waste carrier and have a fully signed waste transfer note for the load being carried
* No load may be accepted without the correct paperwork
* If the spent carbon arrives in a process vessel, then the vessel is emptied and the carbon is placed in suitable waste bags and sealed. The bags used MUST be lined
* If the spent carbon arrives on site already in bags, then each bag is inspected carefully to ensure that it is cold and properly sealed, with no evidence of water present. If the carbon is not in lined bags then it should be considered a potential risk.
* The bagged carbon is immediately labelled with the correct EWC code, site of origin and carbon type and placed in the designated safe secure area. This is a curtain side trailer and is kept adjacent to the vessel servicing area
* When the trailer is full, transfer will be organised to deliver the spent carbon to either a further holding site or the re-activation facility

# Overall Responsibilities

Non-technical Summary

1. Arundel Motors Ltd (operating as H. Askey) are a Haulage and warehousing company based at Dinnington, Sheffield. They operate approximately 30 vehicles and are accredited under the ORS and Earned recognition schemes. They wish to be able to operate an activated carbon emptying and waste storage facility on site

The site offers 500sq feet indoor storage and extensive concrete outdoor storage solutions with CCTV.

These spent carbons are currently transported to 1 of 2 CPL partners licensed WTS. Here the vessels are emptied using a Disab into 1Tonne FIBC (a fully contained process). This is to facilitate handling. The 1Tonne FIBC containing spent carbon are then transported to a licensed warehousing or WTS or sent direct for reactivation at the Immingham facility.

1. The Operator proposes to store waste before removal to a licensed facility for reactivation.
2. Askey collect and transport new and spent activated carbon throughput the UK on behalf of CPL Activated Carbons. On collection, vessels will be transported to site and emptied using a vacuum system.



1. The waste emptied will be placed directly into bags and sealed prior to transport.
2. No more than 50 tonnes of hazardous waste will be stored on site at any one time. No more than 1,500 tonnes of hazardous waste will be accepted on the site per annum.
3. There are no identified dust, odour or noise emissions predicted from the proposed waste operations.
4. The Site will be operated in accordance with an Environmental Management System.
5. The Environmental Management System (EMS), which includes a Waste Acceptance Procedure, ensures that suitable waste types are accepted on to the Site. The Waste Acceptance Procedure includes strict waste acceptance criteria which ensure that only permitted waste types are accepted.

Arundel Motors (H. Askey) Ltd.

**WORKING PLAN DOCUMENT (REF: AML/CPL/250324) IN SUPPORT OF**

**THE OPERATION OF AN INDUSTRIAL WASTE TRANSFER STATION LOCATED AT DINNINGTON< SHEFFIELD**

**March 2024**

OPERATOR

H. Askey Ltd

Dinnington

Sheffield.

**INTRODUCTION.**

**Documentation**

This document supports an application to the operation of an Industrial Waste Transfer Station. H. Askey Ltd specialise predominantly in the haulage of hazardous and non-hazardous materials around the UK and Europe.

The proposed WP is being made to support the application to run a waste transfer station for the emptying of steel vessels containing spent activated carbon prior to its delivery to the CPL Immingham site for thermal reactivation.

The document subsequently describes the intended continued operation of the site and is formatted in such a way that will facilitate the future review and amendment of the working plan should it be necessary.

**Location**

The site is located adjacent to Monksbridge Road in Dinnington, UK. It is surrounded by local industrial sites and some residential areas. There is a small dyke running through the centre of the site.

The site has been used as a transport depot and a warehouse for a number of years.

**Operation**

The facility predominantly handles a variety of transport vehicles and provides warehouse facilities for non-hazardous packaged activated carbon in various grades and qualities,

The company is fully committed to the compliance of all Environmental and Health and Safety legislation resulting in a professional and safe operation of the services provided.

**SECTION 1: Site Description and Characterisation of Risk Source.**

**Specified site and waste management operations.**

Operations on site are categorised as ‘sorting’ in accordance with section 35 of the Environmental Protection Act 1990. If using the ‘R’ for (waste recovery) categorisation taken from parts III and IV of schedule 4 of the waste Management Licensing Regulations 1994 then they can be classified as R13 i.e. storage pending any of the operations numbered R1 to R13, in this case R7, recovery of components used for pollution abatement.

Incoming waste streams are deposited at the site into dedicated unloading and reception areas before being directed to an appropriate and designated storage/ holding area prior to processing.

The primary processing and storage for waste on site are defined on plan (See Appendix 2). Final processed and segregated materials are stored in the packaged goods warehouse prior to removal off site.

**Site location, boundaries and surrounding environment.**

The site is located off Monksbridge Road in Killamarsh, South Yorkshire. The site is located at NGR SK 514478 6681 and has the benefit of highway access off Monksbridge Road. See location plan in Appendix 1 and site layout plan (Please see Appendix 2)

The proposed licensed area is marked with an orange rectangle.

The site itself is set back off Monksbridge Road along a short access road.

The immediate surrounding areas of the site are associated with similar light to medium industrial and commercial activity. Further beyond are the residential areas of Dinnington.

The site is secure throughout.

Site access and egress is by the tarmacadam/concrete highway entrance off Monksbridge road which is guarded by a manually operated barrier..

All operational areas of the site within the proposed licensed area are hard surfaced with concrete. Surface drainage on site is directed into the dyke or interceptor drain.

Foul sewage generated on site, is directed off site via the existing rising main.

Vehicle circulation routes within the site boundary are well defined and provide suitable access to all phases of operations. These include the entrance, main receiving and processing areas, segregation and storage areas, processing sheds and workshops as well as other site buildings. The circulation layout of the site gives flexibility to increase and to decrease waste inputs and the site infrastructure is such that it can respond to such changes in demand. An indicative layout of the site is illustrated in plan in Appendix 2.

The combined office, canteen, washroom and toilet block provide good all- round visibility of site operations and access routes around the site. See plan in Appendix 2.

The site has suitable external lighting, supporting full area coverage CCTV monitoring equipment installed around the facility

**Maximum capacity of operations.**

The total storage capacity of all the waste streams accepted at the site is approximately 150 tonnes. The total capacity for hazardous waste is 50 tonnes

For the purposes of the waste management licensing fees and charges scheme the volume of waste to be received annually at the facility will not be in excess of 5500 tonnes per annum. Hazardous waste will not exceed 1500 MT

Deliveries of waste are restricted to the operational capacity of the site. Wastes are only accepted if there is sufficient storage capacity within the designated areas of the site.

No waste or will be stored outside the designated licensed area.

The site will process no more than 50 tonnes of incoming hazardous waste per day for reactivation This equates to the storage of no more than 100 half tonne waste containers on site at any one time. This includes spent activated carbon.

Permitted Wastes.

The site accepts the following general physical waste types:

Spent activated carbon (Hazardous and Non-Hazardous Waste)

Waste storage areas are illustrated on the plan (Please see Appendix 2).

**Hours of Operation.**

Although the primary hours of operation are controlled by the planning permission for the site, the operational hours of the facility relating to waste management activities normally are as follows:

Monday to Friday 08.00 hours to 18.00 hours.

Saturday / Sunday No operations other than with prior approval or under emergency situations.

Bank Holidays No operations other than with prior approval or under emergency situations.

The need to operate the site in an emergency situation will be discussed with the Environment Agency as and when the need arises.

Staffing and understanding of the requirements of licence conditions and working plan documentation.

Anyone given responsibility for any activity or procedure in connection with the Working Plan is suitably trained to carry out that activity or procedure. The relevant individual is also aware of the requirements and obligations of the Working Plan.

At least one deemed competent manager will be responsible for the site during operation. Under normal circumstances the site operations are supervised by a site manager and relevant site operatives along with appropriate support from the Managing Director of H. Askey Limited. Any relevant changes in relevant operational staff will be notified in writing to the Environment Agency. Notification will be given before the change occurs, if possible, otherwise notification will be at the time the change occurs.

No waste is accepted at the site unless there are at least 2 operational site personnel present.

All site operatives will be instructed to carry out their allocated duties in such a way as to ensure compliance with the Waste Management licence and Working Plan.

The Environment Agency will be advised of the intention to carry out any new activity at the site at least 7 days prior to commencement.

Should temporary or permanent cessation of operations at the site exceed 14 days then the Environment Agency will be advised in writing of commencement of the period of cessation within 21 days.

Following a period of reported cessation, the Environment Agency will be advised of the intention to restart operations within 3 days of recommencement.

**SECTION 2 – SITE ENGINEERING FOR POLLUTION PREVENTION AND CONTROL**

All operations on site take place on impermeable surfaces constructed of reinforced concrete hard standings. Surface water drains towards the main interceptor point at the front corner of the yard which is close to the entrance barrier

**Drainage system**

The surface drainage management on site currently consists of an existing system of drains. Surface flow subsequently goes towards the dyke (from higher areas of the site) and the interceptor drain which is at the front corner of the yard. The drain then joins the main drain system which flows underneath Monksbridge Road.

The site drainage system is inspected on a regular basis and cleaned when required to maintain an on-going level of effectiveness.

**Bunded Tanks/ Fuel and Oil Storage**

There is a facility on site for fuel storage. This consists of a dedicated bunded storage tank located within a sealed bunded area.

The bund has a minimum capacity equivalent to 110% of the volume of the tank within the bund. Any liquid and/ or spillages are contained within the bunded area and removed for off-site disposal as necessary to maintain the capacity of the bund. The tank is clearly labelled to identify its contents.

Through the provision of this infrastructure all site drainage is appropriately managed. All open areas are laid to falls to collect, contain and manage drainage. Any potentially polluting materials (fuel) are stored in isolation of the wider drainage system and have secondary containment measures in place.

**Maintenance**

The impermeable surfaces to the site, site drainage systems and bunded storage tanks are inspected on a regular basis for signs of defects which may affect their ability to perform efficiently. Remediation works will take place as soon as practicable after identification of any defect unless otherwise agreed with the Environment Agency.

**SECTION 3 – SITE INFRASTRUCTURE**

**Access to site and site roadways.**

The main vehicular access to and from the site is via the main entrance off Monksbridge Road. A significant portion of deliveries of waste to the site and subsequent removal of processed materials are by this route. Some deliveries are however made by barge and delivered via the docking area to the northern boundary of the site. Upon entering the site customers are subject to the site waste acceptance procedures and once approved loads are directed to appropriate offloading areas of the site.

Vehicle customers follow the circulation routes around the site before leaving the site by the main double entrance gates onto Monksbridge Road.

Vehicles removing processed wastes or other materials from site will, where possible, also deliver waste to the site first to reduce the amount of incoming and outgoing traffic.

All access and maneuvering areas within the site are of an engineered concrete construction and will be maintained in a sound and satisfactory condition throughout waste management operations.

**Site security.**

Where required, the site is bounded by fencing and trees. The main site entrance consists of a set of electronic barriers

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The boundary fencing and gates primary purpose is to prevent unauthorized entrance to the site.

The site boundary security measures will be retained and maintained for the duration of licensed waste management operations to provide security of the site. Any damage to the fencing or site barrier will be repaired immediately as a temporary measure. Repairs will be initiated within 7 days of identifying any damage. The site has suitable external lighting.

Security measures include CCTV and security camera(s) strategically placed around the site to monitor for intruders. (Please see Appendix 2B). Cameras are monitored by homesafe.

**Lighting**

The operational areas of the site have sufficient artificial lighting fixed to lighting columns to allow effective working during the hours of darkness. Lights will be well maintained in good working order. The locations and positions of lighting around the site are illustrated on plan (please see Appendix 2B).

**Maintenance and repair.**

The site infrastructure is regularly inspected, maintained, and repaired to ensure continued effective use.

In the event of any breakdown of plant or machinery, such that operations have to cease, then deliveries of waste to the site will be restricted to ensure compliance with the waste management licence conditions. If on site repairs to such plant and machinery are not possible, replacements will be brought onto site until repairs are affected.

**SECTION 4 – SITE OPERATIONS**

**Management Systems**

The Monksbridge Road site is subject to company quality management procedures.

**Current Site Use:**

**Licensed Haulage Activities**

The site is primarily used to store and maintain licensed vehicles and trailers to facilitate the operation of a haulage business which is licensed under a standard international operating licence number OB0179707 and accredited under the Fleet Operators Recognition Scheme (FORS) to the Gold level.

The company is also a licensed carrier of hazardous and non-hazardous waste products, and carries spent activated carbon from the producer to licensed waste transfer stations

The site also provides warehousing and storage of unused Activated Carbon products on behalf of CPL Activated Carbons.

**Future Site Use:**

**Vessel Servicing**

Under the terms of the proposed licence, the site will receive steel vessels containing spent activated carbon. These vessels will come from a variety of industrial sources and are accompanied by the correct paperwork.

The carbon will be removed using vacuum equipment and placed into bulk bags. These vessels are then inspected and refilled with fresh carbon before being sent to the customer.

This carbon will then be removed to either another licensed site for further storage prior to reactivation, or for thermal reactivation at the CPL Immingham site.

**Manning of the site.**

Management of the activities authorised by the proposed waste management licence will be in the hands of a deemed technically competent person.

Under normal circumstances the site will be manned by the following personnel:

Transport Manager or Deputy

General site operative(s)

All operatives will be trained in their specific roles and in the proper and safe management of plant and equipment. In general, there will always be 2 members of staff on site whilst waste management operations are being carried out.

**Control of Mud and debris.**

As all the internal operational areas of the site and the vehicle access and manoeuvering areas are hard surfaced in concrete the generation of excessive mud or debris as a result of operations at the site is thought to be very unlikely.

Further action to prevent mud and debris accumulating at the site and/or being deposited on the public highway will consist of, if required, regular manual and mechanical sweeping of internal roadways and circulation routes as well as operational areas during working hours.

The above action will be complemented by regular inspections and further manual cleaning with brushes and shovels if necessary.

Should any mud be deposited on the highway as a result of the waste management operations on site, a mechanical road sweeper will be employed immediately to remove the offending material.

In the unlikely event that mud generation become a major problem then operations will be stopped until appropriate remedial action can been taken.

Records of actions taken, other than the usual daily sweeping routines, will be recorded in the site diary and retained on site.

**Potentially polluting leaks and spillages.**

Fuel stored on site is within a fully bunded facility to ensure any leaks and spillages are contained.

All waste reception areas, containers and storage facilities used on site will be monitored on a regular basis to ensure no spillages of contaminated waste are taking place. Action to repair any damage to any waste reception facility that affects its integrity will be carried out within one working day of it being identified.

All storage and reception areas will be clearly labelled to identify the nature of the material in storage.

Waste acceptance procedures employed at the site ensure that potentially polluting leaks and spillages of incoming wastes do not occur. Careful attention will be given to securely transporting incoming wastes, outgoing processed wastes and other materials such that there is no escape when deliveries or removals are made.

Appropriate and careful handling of wastes in a competent manner by staff and customer vehicle drivers also reduces the potential for spillages. Incoming customers making deliveries of waste to site are directed as close to offloading areas as possible to prevent the potential for spillages.

Ongoing monitoring and supervision by site staff will ensure that any spillages that may occur will be quickly cleared and the resultant material placed in a suitable container before appropriate disposal options are agreed.

All site personnel will be instructed on the procedures for dealing with spillages should they occur, which will specify in general terms, the following measures to be taken:

The procedures for reporting and investigating spillages.

The methodologies for clearing up any spillages of fluids.

Decontamination requirements if appropriate/necessary.

* The use of protective clothing if required.

Although the risk from potentially polluting leaks and spillages at the site is considered to be low, in the event of a spillage however, immediate measures will be taken to contain and manage it in accordance with the above procedures.

**Fires on site.**

Uncontrolled fires are not a significant problem during the normal operation of the waste transfer station.

Waste acceptance procedures will also involve visual checks of all incoming waste streams to ensure no potential flammable contaminants are present.

Fire extinguishers are placed at strategic locations around the site to assist in the control of any localised fires. There is also a local fire hydrant. All relevant site personnel are given suitable training in small, localised fire control. Should a situation arise however, where there is a significant fire on site both the Emergency services and the Environment Agency will be contacted immediately.

Fire prevention and control provisions made at the site are carried out with reference to the Health and Safety at Work Act 1974 and the requirements of the local Fire Authority.

All unauthorized fires at the site will be regarded as an emergency and treated accordingly.

**Waste acceptance and control systems and procedures.**

The site has the capability and infrastructure to deal with a cross section of waste streams sourced from variable producers involving the wastes permitted by the proposed Waste Management Licence.

It is recognized that a fundamental criterion in successfully operating such a waste management facility is the ability to closely control the nature and types of waste being directed to it by way of a manageable waste acceptance procedure.

**Waste Acceptance. - General.**

All waste streams brought to the site will undergo segregation and identification procedures prior to their arrival at the site. The acceptance checks at the site constitute nothing other than a rapid check method to confirm that the waste streams being brought to site are those described on the relevant Duty of Care documentation including Hazardous Waste consignment notes. This involves visual inspections of all vehicles before and after off -loading procedures.

**On-site verification.**

As an additional check, all waste being delivered to the site will undergo, as a minimum, a visual inspection. The on-site verification may, however, extend to clarification over paperwork i.e. does the waste arriving on site meet the description given on accompanying paperwork. Further visual inspections will be carried out once the waste is discharged at the site.

**Waste reception.**

On arrival at the site, all incoming drivers delivering waste will be directed to the site weighbridge which is a service provided by Blythe Metals (0.3 miles to the west of the site). Accompanying loads are then weighed. Once approved loads will then be directed initially to the primary receiving/ processing areas defined on plan (Please see Appendix 2.

**Waste inspection.**

Every incoming load of waste is subject to a visual inspection for compliance purposes on arrival. Visual inspections take place on arrival and during waste discharge procedures.

**Quarantine storage and rejection of wastes.**

Waste types that arrive on site and do not meet waste acceptance criteria for any reason will be rejected. Carriers of such waste streams will be instructed to remove the load from site and advised to make alternative disposal arrangements. The Environment Agency will be contacted as soon as practicable regarding the rejection of the waste and the full details surrounding the rejection of the load will be recorded and their advice regarding the best practical environmental option for the subsequent handling of the waste will be taken.

**Waste Control - General**

All incoming loads of waste to the site will be recorded on either a paper record or computer database and details include the type of waste and its origin. Paper copies of duty of care transfer notes support this information where appropriate and are maintained for the designated statutory period of two years.

**Identification of wastes.**

Waste streams arriving at the site are contained in standard or customized waste containers or skips. Visual verification checks on arrival are possible for all incoming waste containers or skips as required.

**Tracking of wastes.**

The visual waste acceptance system procedures employed at the site ensure that controls are in place from when waste streams arrive on site until they are offloaded into the processing and storage areas designated around the site. All incoming waste streams will be audit trailed through acceptance and subsequent recovery. All loads of incoming waste will undergo visual waste acceptance procedures throughout the acceptance process.

**Waste and product dispatch.**

Containers of wastes streams and waste residues for further treatment off site will be loaded directly into suitable vehicles prior to removal of site.

Once loaded the vehicle will leave the site via the exit

All waste streams and waste residues dispatched from the site will be recorded as follows:

Date of dispatch

Time of dispatch

Duly completed ‘Transfer note/ Consignment Note’ (as required)

Name of carrier

Vehicle registration number

Destination of vehicle

Waste description

Weight of waste or product in tonnes

**Waste quantity measurement systems.**

A weighbridge service is provided at a neighboring site. The weighbridge will record all incoming and outgoing loads and record are made daily of the running total of wastes accepted at and dispatched from the site.

**Storage of specified Wastes**

The general storage of incoming waste streams will take place within the areas identified on plan (please see Appendix 2).

There are no waste streams managed at the site that require additional control with regard to handling and storage methodology due to their hazardous properties or potential impact they may have on the environment.

**Specified waste treatment processes- Plant, equipment and procedures.**

**Plant and Equipment**

The site’s proposed function is the operation of an Industrial Waste Transfer Station specialising in the servicing of vessels containing spent activated carbon.

Following processing on site, all wastes and residual materials will be suitably segregated and placed in containers before removal off site for reactivation.

The mechanical handling and processing of waste streams on site is carried out by various pieces of plant and equipment. A summary of the primary plant and equipment employed at the site include:

General sorting and storage warehouses

General Workshops

Secure storage areas

Storage bays and containers

Fork lift trucks

Mobile crane

Road sweeper

General hand tools

Vacuum Equipment

All plant and equipment on site is regularly maintained and is fit for purpose. Operators are trained and certified competent for any plant or equipment they operate on site. The manager of the site determines which operations take place at the site at any given time and will instruct site operatives on the processes to be carried out and of any special precautions or personal protective clothing they may require.

**Procedures**

The site will be operated as outlined above.

**SECTION 5- POLLUTION CONTROL, MONITORING AND REPORTING SYSTEMS**

**Surface water quality monitoring and reporting**

There is no open storage of potentially high-risk polluting wastes on site. The primary risk of pollution may come from oil spillages from vehicles using the site that are washed into the drainage system by rainwater.

In the event of a spillage or leak from operations on site it will be addressed as appropriate by implementing the procedures detailed above to prevent risk of potentially polluting the site’s surface water drainage system.

The site drainage system will be monitored at least once a week to ensure the capacity of the interceptors are not exceeded and that they are not blocked resulting in potential overflowing and polluted surface water drainage entering the surface water drainage system. Records of inspections will be retained in the site diary at the site office and made available to the Environment Agency on request.

**Monitoring and recording of meteorological conditions.**

A detailed appraisal of weather conditions is not appropriate in respect of operations at the site. The control of potential risks such as dust and fires are described in more detail in the primary risk assessment document that accompanies the working plan and in section 6 of the working plan itself. To support these measures a brief and concise account of daily weather conditions will be recorded in a site diary.

**SECTION 6- AMENITY MANAGEMENT AND MONITORING**

**Control, monitoring and reporting of dust, fibres, and particulates.**

The potential for dust and particulate generation at the site will be addressed by adopting the following measures:

The entire surface of the site will be of hard surfaced construction.

Regular sweeping of internal and external roadways will take place.

Vehicle speed restrictions at the site will be imposed and speed signs placed strategically around the site circulation routes.

There will be no acceptance of potentially dusty loads to the site.

Incoming open top containers of waste will be appropriately covered or sheeted whilst in transit.

Internal roadways will be damped down with water on a regular basis during adverse weather conditions with a water bowser to prevent dust arising from vehicle movements on site.

All surfaces within the site and storage areas will be regularly swept and cleaned to prevent accumulations of dust.

The level of dust and particulate emissions will be visually monitored by the site manager or deputy throughout the day and appropriate action will be taken as necessary to remedy the situation This may include additional sweeping of roadways or temporary suspension of airborne dust generating activities. Records of any actions taken will be recorded in the site diary.

**Control of Odours**

Significant odour problems are not expected during the operation of the site due to the general nature of wastes to be accepted and it is not the intention to accept potentially odorous waste streams at the site. If such potentially odorous waste streams arrive at the site, then they will be rejected in accordance with the site waste acceptance procedures. It is therefore anticipated that any environmental impacts from odour emanating from site should be minimal.

The site drainage system will be inspected regularly and cleaned to prevent potential odour generation. A record of such inspections and any subsequent action will be recorded in the site diary.

The site manager and related staff will maintain an ongoing awareness of potential odour problems. Monitoring for odour will take place regularly and the site diary will be used to record any results associated with such monitoring and subsequent actions taken.

**Control and monitoring of noise.**

The potential for loud and persistent noise generated as part of operations at the site is not significant. The primary noise impacts from the site are from entering and departing vehicles and the plant and equipment used on site such as the vacuum equipment.

All vehicles and appropriate plant on site will be fitted with suitable silencing equipment.

The risk of noise impacts on sensitive targets is reduced at the site as it is enclosed and is situated in a relatively isolated location. In addition, added traffic impacts as a result of the facility are not significant.

The storage activities on the site will have a minimal effect on expected localised noise levels.

Noise levels will be monitored daily and in the event of any abnormal levels of noise, the source will be identified, and appropriate remediation action taken immediately. The site diary will be used to record any results associated with such monitoring and subsequent actions taken.

Additional measures to mitigate against noise at the site will be dependant on need but may include tree planting and equipment screens for temporary and fixed plant. Before any mitigation measures are used factors such as wind direction and operational methods will also be considered.

**Control of pests.**

Pest generation should not be a concern at the site due primarily to the nature of the waste streams being handled and processed. Should the need arise then a specialist pest control contractor will be employed to carry out appropriate action to eliminate the pest infestation as necessary.

The site will process wastes as rapidly as possible to limit the conditions that may encourage pest generation or the attraction of pests to the site. Moreover, the types of wastes handled at the site do not attract pests.

If pests such as vermin or insects do become apparent, immediate measures will be taken to treat the waste in question prior to its removal off site. All details of pest infestations and subsequent action taken will be noted in the site diary including the actions taken by any retained pest control contractors.

**Control of litter.**

The nature of the type of waste accepted at the site does not have the potential to generate litter problems within the boundary of the licensed site or cause litter to escape off site. Good management and housekeeping techniques will ensure that litter generation does not become an issue in any eventuality.

The external boundaries of the site are enclosed by suitable walls and fencing, which helps to control and contain any litter generated within the site should it arise.

Litter and loose waste will not be allowed to accumulate around the operational areas of the site. All litter accumulating on site will be cleared within one working day and stored in a secure container awaiting further processing or off site disposal.

Land outside the licensed area and adjoining land will be inspected on a daily basis to identify any escaped litter from site. Any litter that has escaped off site into adjacent areas will be cleared immediately.

Additional labourers will be employed for litter picking duties if necessary.

Records of all action taken in relation to litter will be recorded in the site diary.

**SECTION 7- SITE RECORDS**

**Security and availability of site records.**

All records that are maintained in accordance with the working plan and licence conditions.

Documentation will be kept at the site in accordance with the provisions of The Environmental Protection (Duty of Care) Regulations 1991 made under section 34 of the Environmental Protection Act 1990 and the Hazardous Waste Regulations 2005 as necessary.

Records relating to the importation of waste and related controls on volume and weights will also be maintained at the site as well as a site diary that will record all other operational data.

All records will be kept in electronic format with particular attention given to Duty of Care waste transfer notes and Hazardous Waste Consignment notes.

All records will be kept on the site portal. The office will be kept locked when the site is not operational and the deemed Technically Competent Manager (s) of the site will control site record maintenance.

Records required by the licence will be available for inspection by the Environment Agency at the site.

**Records of waste movements.**

All loads of incoming waste and residual materials removed from site will be recorded in accordance with the information provided and retained on the portal for a minimum of 2 years for non-hazardous waste and 3 years for hazardous waste.

On a quarterly basis a summary of the types and quantities (tonnes) of waste accepted for treatment at the site will be submitted to the Environment Agency.

**Site Diary.**

A site diary will be maintained to make an ongoing record of items and events of note that occur during the operation of the, Commercial and Industrial Waste Transfer Station. These will include:

Complaints made about the site from all stakeholders and actions taken to remedy problems.

Details of nuisance control measures taken, and treatments employed.

Details of site closures

Plant, equipment and infrastructure inspections and actions taken.

Details of site visitors and regulatory inspections

Details of events that result in the site action plan being implemented.

Details of weekly site inspections and any actions taken

Summaries of waste inputs/outputs and product removals from the site

**Appendix 1: Location Map**

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**Key:**

Askey Site Outline

Proposed Operational Area

**Appendix 2: Drainage Plan**



Environmental Risk Assessment

The waste operations of storage and transfer of spent activated carbon are carried out at Monksbridge Rd, Dinnington, Sheffield.

This Environmental Risk Assessment is based off the following Site conditions and receptors:

* + - The wider land use surrounding the Site is predominantly industrial estate with some residential
		- The nearest residential housing is approximately 50m from the Site.
		- The Site is located on impermeable concrete surfacing.
		- There is a dyke which runs through the centre of the site
		- The Great Crested Newt has been found to be inhabiting the dyke

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Receptor | Source | Harm | Pathway | Probability of occurring | Consequence | Magnitude of risk | Justification for magnitude | Risk Management | Residual risk |
| Local human population | Releases of particulate matter (dusts) and infectious micro- organisms (bioaerosols). | Harm to human health - respiratory irritation and illness.Nuisance dust | Air transport then inhalation /deposition | Low | EMedium | ELow | The is negligible risk of dust generation from the waste activities proposed. | Dusty waste will not be accepted to site.All waste will be securely bagged and stored in sealed containers. | Negligible |
| Local human population, livestock and wildlife | Litter | Nuisance, loss of amenity and harm to animal health | Air transport then deposition. | Low | Medium | Low | The waste types have low litter potential. | As above | Negligible |
| Local human population | Waste, litter and mud on local roads | Nuisance, loss of amenity, road traffic accidents. | Vehicles entering and leaving site. | Low | Low | Low | Road safety, local residents are often sensitive to mud on roads.Waste does not pose a risk of mud | Vehicles and sites are by their nature likely to be sited in industrial areas and thus paved.Vehicle movements will be daily rather than hourly. | Very low |
| Local human population | Odour | Nuisance, loss of amenity. | Air transport then inhalation. | Medium | Medium | Low | Waste has potential for odour. | The waste arrives on Site steel vessel The containment of the waste will provide mitigation against odour. | Low |

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| Receptor | Source | Harm | Pathway | Probability of occurring | Consequence | Magnitude of risk | Justification for magnitude | Risk Managemet | Residual risk |
| Local human population | Odour | Nuisance, loss of amenity. | Air transport then inhalation. | Medium | Medium | Low | Waste has potential for odour. | The waste arrives on Site bagged and is stored the containment of the waste will provide mitigation against odour. | Low |
| Local human population | Noise and vibration | Nuisance, loss of amenity, loss of sleep. | Noise through the air and vibration through the ground. | Low | Medium | Low | Local residents are often sensitive to noise and vibration.Waste activities are unlikely to produce noise. The site will employ a no idling policy. | Vehicles accessing the site will be well maintained to reduce the production of excessive noise from vehicle movements. | Low |
| Local human population | Scavenging animals and scavenging birds or pests. | Harm to human health - from waste carried off site. Nuisance and loss of amenity. | Air transport and over land | Low | High | Medium | Permitted waste does not include putrescible materials and therefore unlikely to attract scavenging animals, birds or pests. | All waste will be bagged and in sealed containers.Sanitary waste will be stored for less than 7 days.Sharps and medicines will be stored for less than 1 month.Batteries will be stored for less than 6 months. | Low |

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| Receptor | Source | Harm | Pathway | Probability of occurring | Consequence | Magnitude of risk | Justification for magnitude | Risk Management | Residual risk |
| Local human population | Scavenging animals and scavenging birds or pests. | Harm to human health - from waste carried off site. Nuisance and loss of amenity. | Air transport and over land | Low | High | Medium | Permitted wastes do not include putrescible materials and therefore unlikely to attract scavenging animals, birds or pests. | All waste will be bagged and in sealed container.Batteries will be stored for less than 6 months. | Low |
| Local human population | Flooding from site | If waste is washed off site it may contaminate buildings / gardens / natural habitats downstream. | Floodwaters | Low | Medium | Low | Waste is stored in sealed containers | All waste will be bagged  | Very low |
| Local human population and / or livestock after gaining unauthorised access to the Waste operation | All on-site hazards: wastes; machinery and vehicles. | Bodily injury | Direct physical contact | Low | Low | Low | No unauthorized access. Plant is secured out of hours. | All waste will be bagged and in sealed containers. | Very low |

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| Receptor | Source | Harm | Pathway | Probability of occurring | Consequence | Magnitude of risk | Justification for magnitude | Risk Management | Residual risk |
| Local human population and local environment. | Arson and / or vandalism causing the release of polluting materials to air (smoke or fumes), water or land. | Respiratory irritation, illness and nuisance to local population. Injury to staff, firefighters or arsonists/vandals. Pollution of water or land. | Air transport of smoke.Spillages and contaminated firewater by direct run-off from site and via surface water drains and ditches. | Medium | Medium | Medium | Waste types are stored in bags and are not highly combustible. | Site will be secure at all times.All waste will be bagged. | Low |
| Local human population and local environment | Accidental fire causing the release of polluting materials to air (smoke or fumes), water or land. | Respiratory irritation, illness and nuisance to local population. Injury to staff or firefighters.Pollution of water or land. | As above | Low | Medium | Low | Risk of accidental combustion of waste is low. | As above.Other activities undertaken on the Site do not include fires or hot works. | Low |
| All surface waters close to and downstream of site. | Spillage of liquids, leachate from waste, contaminated rainwater run- off from waste. | Acute effects: oxygen depletion, fish kill and algal bloomsChronic effects: deterioration of water quality | Direct run-off from site across ground surface, via surface water drains, ditches etc.Indirect run-off via the soil layer | Low | Medium | Low | A water course is located close to the site.It is not anticipated that there would be any leachate/run off from the waste.Waste is contained in sealed bags | All waste will be baggedWaste will be stored on concreteThe EMS will contain a waste acceptance procedure. This procedure will be implemented to ensure liquid wastes are not accepted onto Site and contravening wastes are removed. | Very low |

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| Receptor | Source | Harm | Pathway | Probability of occurring | Consequence | Magnitude of risk | Justification for magnitude | Risk Management | Residual risk |
| Abstraction from watercourse downstream of facility (for agricultural or potable use). | As above | Acute effects, closure of abstraction intakes. | Direct run-off from site across the ground surface, via surface water drains, ditches etc. then abstraction. | Low | Low | Low | As above. | As above | Very low |
| Groundwater | As above | Chronic effects: contamination of groundwater, requiring treatment of water or closure of borehole. | Transport through soil/groundwater then extraction at borehole. | Low | Low | Low | As above. | As above | Very low |
| Local human population | Contaminated waters used for recreational purposes | Harm to human health - skin damage or gastro-intestinal illness. | Direct contact or ingestion | low | Low | Low | Unlikely due to scale and nature of the wastes stored, containment of the waste and no leachate/run off from the waste. | Waste will be well contained.The site will be secured to unauthorised human entry. | Very low |
| Protected sites - European sites, SSSIs or nearby SACs, SPAs,Ramsar Sites, Protected Species or Local Wildlife Sites | Any | Harm to wildlife through toxic contamination, nutrient enrichment, smothering, disturbance, predation etc.Specifically Lapwing is the only priority species for CS Targeting. Great Crested Newt recently identified in dyke area | Any | Low | Low | Low | It is considered that there would be insignificant harm due to the scale and nature of waste activities and distance to the receptor. | Waste will be well contained. The site will be secured to unauthorized human entry | Very Low |

Site Condition Report January 2025

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| 1.0 Site Details |
| Name of the applicant | Arundel Motors Ltd (H. Askey) |
| Activity address | Monksbridge Rd, Dinnington, Sheffield, S25 3QS |
| National grid reference | SK 51426 86523 |
| Document reference and dates for Site Condition Report at permit application and surrender | [This report], Site Condition Report, January 2025 |
| Document references for site plans | Permit Boundary Plan Drawing No. 21/012d 005a V2 |

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| **2.0 Condition of the land at permit issue** |
| Environmental setting including:* Geology
* Hydrogeology
* Surface waters
 | Superficial Geology: Southern Magnesian Limestone**,** Acid Loam/clay-based soilBedrock Geology:Sedimentary bedrock formed between 315.2 and 308 million years ago during the Carboniferous period.There is a dyke running through the centre of the site |
| Pollution history including:* Pollution incidents that may have affected land
* Historical land-uses and associated contaminants
* Any visual/olfactory evidence of existing contamination
* Evidence of damage to pollution prevention measures
 | Historical uses of the land include mixed farmingNo information on any pollution incidents has been identified which may have affected the state of the land.No visual or olfactory evidence of any existing contamination has been identified on the Site. |
| Evidence of historic contamination, for example, historical site investigation, assessment, remediation, and verification reports (where available) | No records of historical site investigations, reports or remediation were available for this area of the site at the time of completing this Site Condition Report. |
| Baseline soil and groundwater reference data | N/A |
| **Supporting information** | N/A |

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| **Site Reconnaissance Report, this information is based on what has been reported to us by the operator and a site visit in January 2025** |
| Access arrangements | The Site is accessed directly via Monksbridge Rd. |
| Site layout including presence and condition of above and below ground buildings/structures etc. | The site is made up of offices, a car park, a lorry park and warehousing facilitiesThe site boundary is surrounded with a combination of trees and fencing. |
| Evidence of disturbed land, discoloured soil or water, subsidence, above ground deposits etc. | The Site is concrete surfaced and so there is no evidence of disturbed land. There is no evidence of soil or water discoloration in the land. |
| Vegetation type and signs of distress or absence where it might be expected | The site is surrounded by a tree line with associated vegetation. There is no sign of distress |
| Significant odours from the land | No odours were detected from the Site itself or the materials on the Site. |
| Liquid discharges from the site | There are no point source liquid discharges from the Site. |
| Direction and flow of surface water run-off and presence of ponding | The Site has impermeable concrete surfacing There is a dyke which runs through the centre of the site and takes surface water in a Southeasterly direction |
| Land uses in the vicinity of the site | The surrounding land-use includes the wider Askey Transport site and largely residential industrial facilities surrounding the Site There are some residential areas nearby. The closest residential housing is approximately 150 m south west of the Site,. |
| Presence and condition of surface water features | The dyke that is within the site boundary is in good condition |
| Evidence of any accidental/uncontrolled releases at the site (previous or current) | There is no evidence of any pollution on the Site from any accidental or uncontrolled releases. |
| Identity potential access constraints e.g., overhead cables, location of machinery, operations at the site. | No potential access constraints were identified. |
| Evidence of historic contamination, for example, historical site investigation, assessment, remediation, and verification reports (where available) | No records of historical site investigations, reports or remediation were available for the area of this Site. |
| Baseline soil and groundwater reference data | No baseline soil or groundwater reference data is available. |

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| **3.0 Permitted activities** |
| Permitted activities | No current permitted activities |
| Non-permitted activities undertaken | The Site operates a haulage and warehousing service |
| Document references for: | Permit Boundary Plan Drawing No. 2025-01-01 V1 |