

Aycliffe Soil Washing Facility

784- B076570

Dust Management Plan

Environmental Permit Application

Ashcourt (Durham & Tees Valley) Limited

December 2025

Document prepared on behalf of Tetra Tech Environment Planning Transport Limited. Registered in England number: 03050297

DOCUMENT CONTROL

Document:	Dust Management Plan
Project:	Aycliffe Soil Washing Facility
Client:	Ashcourt (Durham & Tees Valley) Limited
Project Number:	784- B076570
File Origin:	Z:\Projects\784-B076570_Aycliffe_Soil_Washing\60_Output\61_WIP\Appendix D- Dust Management Plan\Dust Management Plan draft.docx

Revision:	V1`	Prepared by:	Lucy Rigsby
Date:	December 2025	Checked by:	
Status:	Final	Approved By:	Andrew Bowker
Description of Revision:	Issue to EA		

Revision:		Prepared by:	
Date:		Checked by:	
Status:		Approved By:	
Description of Revision:			

Revision:		Prepared by:	
Date:		Checked by:	
Status:		Approved By:	
Description of Revision:			

Table of Contents

1.0 INTRODUCTION	1
2.0 SITE DESCRIPTION	2
3.0 DUST AND PARTICULATE MANAGEMENT	10
4.0 REPORTING AND COMPLAINTS PROCEDURE	15
DRAWINGS.....	18

List of Tables

Table 1: Proposed R and D Codes	2
Table 2: Location of Potential Receptors Within 1km of the Site	6
Table 3: Local Contributors of Dust within 1km of the Site	9
Table 4: Source-Pathway-Receptor Routes from Waste Activities at the Site	10
Table 5: Measures to Control Dust/Particulates from Permitted Waste Activities.....	11
Table 6: Action Plan for Visible Dust or High Wind Speeds	14
Table 7: Complaints Procedure	16

List of Figures

Figure 1: Aycliffe Prevailing Wind Direction	8
Figure 2: Reporting Route	16

Drawings

ASH-B076570-PER-01 – Permit Boundary Plan

ASH-B076570-REC-01 – Environmental Receptor Plan

NT16450-003 – Proposed Site Drainage Layout

Appendices

Appendix A – Proposed Waste Types

Appendix B – Complaints Form

Appendix C - Daily Site Inspection Log

1.0 Introduction

1.1 Report Context

- 1.1.1 This Dust Management Plan (DMP) has been prepared by Tetra Tech on behalf of Operator, Ashcourt (Durnham & Tees Valley) Limited (Ashcourt) to support an Environmental Permit Application for Ashcourt's site at Aycliffe Quarry site located at Lime Lane, Aycliffe, Durham, DL5 6NB, centred at approximate National Grid Reference (NGR) NZ 28810 22171.
- 1.1.2 Ashcourt seek to obtain a Bespoke Environmental Permit for a Soil Washing Facility and Aggregate Treatment Facility that, combined, will process a maximum of 800,000 tonnes per annum of non-hazardous soils. The activities on site will comprise of soil washing to produce quality aggregates, soils and clay products for construction projects.
- 1.1.3 According to the Environment Agency's (EA) 'Control and Monitor Emissions for your Environmental Permit' guidance a DMP must be prepared to support an application that comprises the *"keeping or treatment (or both) of household, commercial or industrial waste in a materials waste transfer station/ material recycling facility"* as well as the *"keeping or treating (or both) scrap metal"*.
- 1.1.4 As such, this DMP has been prepared in accordance with the EA's 'Dust & Emission Management Plan' template (Version 10, October 2018).
- 1.1.5 This DMP is a working document, intended to be used as a reference document for operational staff on a day-to-day basis. Ashcourt will implement the plan to ensure that all reasonable measures are taken to control dust emissions, and in the event that an adverse impact is caused, prompt action will be taken to identify the source and apply corrective measures. It provides a schedule of actions that will be taken to minimise dust impact and details site management procedures for the management and monitoring of dust.

2.0 Site Description

2.1 Site Setting

- 2.1.1 The site is situated within Ashcourt's existing quarry and is located approximately 275m southeast of Aycliffe Village in Durham. The proposed facility is centred at approximate National Grid Reference (NGR) NZ 28866 22157. The application site is detailed on Drawing Number NT16450-001.
- 2.1.2 The north, east and south of Ashcourt's Aycliffe quarry site is bordered by rural land and the west is bordered by the M1. There are no designated sites located within proximity of the site. The closest protected habitat is an area of Priority Habitat Deciduous Woodland located approximately 200m west of the proposed facility.
- 2.1.3 Access to the site is achieved via a road from Lime Lane which leads off High Street (A167).

2.2 Overview of Site Activities

- 2.2.1 It is the intention of Ashcourt to obtain an Environmental Permit to operate a Soil Washing Facility on site.
- 2.2.2 The soil washing facility will be to create recycled aggregates which are suitable for use in construction projects.
- 2.2.3 The proposal entails the operation of a soil washing facility that will process a maximum of 400,000 tonnes per annum of non-hazardous soils.
- 2.2.4 It is considered that the proposed soil washing activity will fall under the following Recovery and Disposal codes (R and D codes) shown in Table 2, provided for in Annex II to Directive 2008/98/EC of the European Parliament and The Council of 19th November 2008 Waste.

Table 1: Proposed R and D Codes

R/D Code	Description of Activity
R3	Recycling/ reclamation of organic substances which are not used as solvents
R5	Recycling/reclamation of other inorganic compounds
R13	Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)

2.3 Waste Types

- 2.3.1 Details of the proposed waste types are provided as Appendix A.

- 2.3.2 Prior to being accepted onto the site, each load will be inspected by site management. If there is considered to be a risk of dust generation, mobile mist cannon will be used to dampen the wastes in the delivery vehicles prior to unloading and during the unloading operations. If the mobile mist cannon cannot rectify the risk of dust generation, the load will be rejected from the site.

2.4 Waste Quantities

- 2.4.1 The proposed facility will have an annual throughput of 400,000 tonnes.
- 2.4.2 There will be no hazardous waste accepted on site.

2.5 Process Description

Soil Washing Facility

- 2.5.1 Upon arrival, all loads will be inspected by site management and any large or nonconforming materials will be removed prior to treatment. All stockpiles on site will be stored in a loose form and will be kept strictly at a height of 0.5m below any storage bays or walls. All soil washing activities will be undertaken on the site's impermeable surface.
- 2.5.2 Materials will be fed into a hopper with the assistance of mobile plant and will then travel along a conveyor, at which point any small pieces of metal which may be present within the waste loads will be removed using an overband magnet.
- 2.5.3 Any oversize materials (particles 100mm - 150mm) will be removed via a screener subject to materials feed.
- 2.5.4 The remaining waste material, varying in size depending on market demands, will then travel along a log washer where it will be sprayed with wash water. After passing along the log washer, the clean waste materials will be separated into smaller fractions via a gravel sizing screen.
- 2.5.5 The sand and silt fraction together with most of the water passes through screen and enters a sump from where it is pumped into a hydrocyclone or plate press, which will separate the sand from any contaminants. The water together with the silt and clay sized particles (together with any associated contaminants) will be forwarded from the hydrocyclone to the Silbuster Water Treatment Plant. The water will then be recirculated back into the washing process.
- 2.5.6 Outputs from the Soil Washing Facility will be classed as products. However, any waste from the site will be categorised as set out in WM3 in accordance with Section 5.1 of the Appropriate Measures.

Physical Treatment of Non-Hazardous Waste Facility

- 2.5.7 Treatment undertaken under this activity within the Environmental Permit will consist of sorting, separation, screening, crushing, and blending of waste for recovery as a soil, soil substitute or aggregate.

- 2.5.8 Vehicles delivering waste loads will enter the site via the weighbridge, where the waste acceptance procedures mentioned above will be undertaken. If the waste is deemed acceptable, the driver will be directed to the waste treatment area as shown on the Site Layout Plan.
- 2.5.9 Waste will only be handled by competent staff.
- 2.5.10 A variety of waste treatment methods will be applied on site which is subject to the nature of the waste. Depending on the particle size of the material, a crusher may be employed to crush the waste and processed via a screener a second time to reduce the particle size of the material. Alternatively, wastes that originally comprise finer particles will not require crushing and therefore will only be processed via a screener.
- 2.5.11 Following treatment, the waste will be unloaded into clearly defined stockpiles located adjacent the waste treatment area to the north of the site. Processed materials will be stored on the existing site hardstanding.
- 2.5.12 Products produced which are classified as inert in advance of receipt, and which are identified within the WRAP Quality Protocol for Aggregates from Inert Waste, will be treated in accordance with this guidance. The resultant materials will be tested in accordance with the WRAP Quality Protocol in order to determine whether they have met end of life test and as such cease to be classified as waste. These materials will be stored on hardstanding.
- 2.5.13 The results of the testing will determine the destination of the material in accordance with the End of Waste Protocol.
- 2.5.14 All treatment and storage activities will occur on made ground.
- 2.5.15 Outputs from the Physical Treatment Facility will be classed as products. However, any waste from the site will be categorised as set out in WM3 in accordance with Section 5.1 of the Appropriate Measures.

Dust Suppression

- 2.5.16 The forms of dust suppression on site comprise of a mobile mister and a tractor bowser to minimise the risk of dust from all materials. Control measures implemented at the site are detailed in Section 3.2 below. Due to both forms of suppression being mobile, they have coverage of all parts of the site used for traffic and waste activities.
- 2.5.17 These forms of dust suppression will be used to dampen exposed areas of stored materials and haulage routes. The mobile mister will be used to dampen the wastes in the delivery vehicles prior to unloading operations. The suppression units will also be used on storage stockpiles during periods of dry/windy weather to prevent excessive drying and dust formation. A suitably trained nominated member of staff will be responsible for operating the dust suppression.

2.6 Waste Storage

- 2.6.1 There will be clearly defined areas for waste storage and treatment at the site. All stockpiles will be stored strictly at a height 0.5m below any storage bay or wall.
- 2.6.2 During periods of hot and dry weather, stockpiles will be periodically dampened throughout the day using the mobile dust suppression to prevent the materials becoming friable.
- 2.6.3 There will be a maximum storage capacity of 100,000 tonnes of untreated material.
- 2.6.4 There will be a further maximum storage capacity of 100,000 tonnes of treated material.

2.7 Operating Hours

2.7.1 The operating hours of the Facility will be as follows: -

- 07:00 – 19:00 Monday – Saturday
- 06:00 – 15:00 Sunday

2.8 Plant and Equipment

2.8.1 The following equipment will be used on site: -

- Front end loading vehicle (FEL);
- 360 grab excavator;
- Mobile screener;
- Mobile crusher;
- Tractor bowser;
- Telehandler;
- Hopper;
- Conveyor;
- Over band magnet;
- Log washer;
- Gravel sizing screen; and,
- Hydrocyclone / filter press.

2.8.2 As a function of the Environmental Management System, the performance of all plant and equipment will be reviewed in comparison to other models that may be available on the market. If there happens to be other models available that perform more efficiently than the site's existing plant and is financially feasible, Ashcourt may decide to change their existing plant and equipment. As part of the process, Ashcourt Limited will ensure that all non-road going mobile plant have a

minimum Stage IV emission rating and road going vehicles will have a minimum emission rating of Euro VI. As such, the brand, make, model and specification of the mobile plant and equipment that will be used on site is expected to vary throughout the operational life of the facility.

- 2.8.3 Only personnel who are trained and licensed to operate equipment and carry out maintenance will do so.
- 2.8.4 All plant and equipment will be maintained in accordance with a preventative maintenance programme which will be defined by the manufacturer's requirements. This will ensure that the integrity and operational efficiency of all plant and equipment is maintained and therefore minimise the risk of mechanical failure which may result in increased dust emissions. This particular programme forms part of the site's Environmental Management System.
- 2.8.5 In addition, all plant and equipment will be visually inspected on a daily basis by the Site Manager (or a nominated deputy) prior to use. The purpose of this inspection is to identify any signs of defects that may affect the integrity and operational efficiency of the plant.
- 2.8.6 In the event that a defect is identified on any item of plant or equipment, the use of the plant/equipment will be suspended until the necessary remedial works have been undertaken.

2.9 Dust Sensitive Receptors

- 2.9.1 Receptors within 1km of the site have been listed in Table 2 and are shown on Drawing Number ASH-B076570-REC-01. Location of Potential Receptors Within 1km of the Site.

Table 2: Location of Potential Receptors Within 1km of the Site

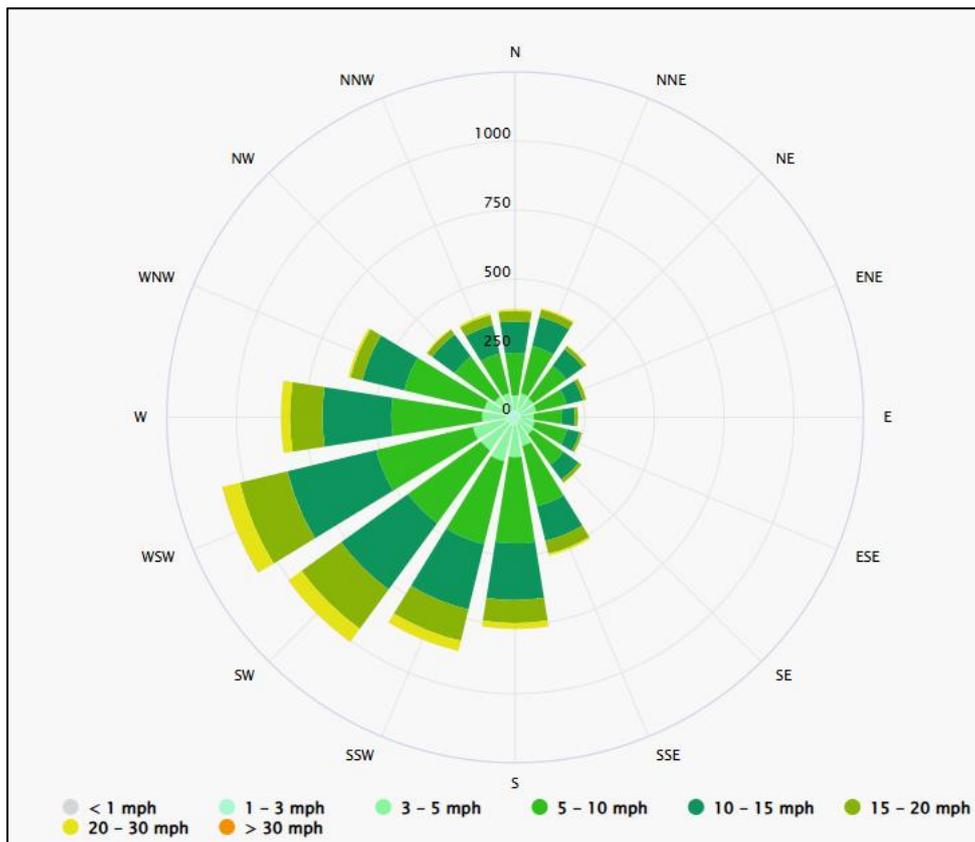
ID	Receptor	Direction from Operational Area	Minimum Distance from the Permit Application Boundary (approx. m)
Domestic Dwellings			
1	Dwellings off North Terrace	NW	275
2	Dwellings of A167	NW	400
3	Property off A167	SW	425
4	Dwellings off Heighington Lane	NW	460
5	Properties off Lime Lane	SW	815
Commercial and Industrial Premises			
6	3M Aycliffe	NW	730
7	Forest Park Services	SW	938
8	Industrial property off Millennium Way	SW	980
Schools / Hospitals / Shops/Amenities			
9	Aycliffe Village Primary School	NW	540
Recreation			
10	The Green	NW	400
11	Recreation Ground	NW	585
13	Aycliffe Village Allotments	NW	645

14	Aycliffe Village Play Area	NW	700
Highways/Minor Roads/Railways/Ferry			
15	Railway	W	260
16	A167	W	405
17	A1	SE	465
18	B6444	SW	745
Listed Buildings and Scheduled Monuments			
19	Windmill	SE	260
20	3, The Green	NW	490
21	Church of St Andrew	W	500
22	14, High Street	NW	520
23	Oakles Farmhouse	NW	540
24	Lamp Post	NW	500
Protected Habitats			
25	Deciduous Woodland	W	200
26	Deciduous Woodland	SW	335
27	Deciduous Woodland	SW	735
28	Deciduous Woodland	NW	815
29	Deciduous Woodland	NW	830
30	Deciduous Woodland	NE	900
31	Deciduous Woodland	SW	900
32	Deciduous Woodland	SW	960
Surface Water e.g. rivers and streams			
33	River Skerne	W	200
Nature and Heritage Screening Results			
Groundwater (sensitivity)			
According to the Multi-Agency Geographic Information for the Countryside's (MAGIC) website, the site is not situated within a Groundwater Source Protection Zone. The MAGIC website also indicates that the site is designated as a Principle bedrock aquifer. The site has a Medium-Low Groundwater Vulnerability.			

2.10 Wind

- 2.10.1 The prevailing wind direction will determine which receptors will be affected and at what frequency.
- 2.10.2 Meteorological data has been used from Aycliffe Village from www.meteoblue.com which is considered to be representative of conditions within the vicinity of the application site. According to the wind rose data for the area, the prevailing wind in the local area is from the southwest (SW) as shown in Figure 1 below.

Figure 1: Aycliffe Prevailing Wind Direction



- 2.10.3 As such, areas at most risk from dust emissions, should it occur, are therefore located northeast of the site. The northeastern boundary is immediately bounded by Aycliffe Quarry site and rural land. Consequentially, it is not anticipated dust emissions will negatively impact receptors beyond this boundary.
- 2.10.4 As noted in Table 2, there are surface water features within 1km of the site. According to the EA’s ‘Dust & Emission Management Plan’ template, surface water and groundwater are not identified as receptors that that are susceptible to the adverse effects of exposure to high levels of dust and particulates. As such, these receptors are not considered further in this DMP.
- 2.10.5 As noted in Table 3, there are surface water features- within 1km of the site. According to the EA’s ‘Dust & Emission Management Plan’ template, surface water and groundwater are not identified as receptors that that are susceptible to the adverse effects of exposure to high levels of dust and particulates. As such, these receptors are not considered further in this DMP.

2.11 Local Contributors to Dust

- 2.11.1 According to the EA’s public register, there are two waste facilities within 1km of the site that may be considered as local contributors to dust emissions. Details of these facilities are summarised in the table below.

Table 3: Local Contributors of Dust within 1km of the Site

Name of Site	Name of Operator	Site Address	Site Type	Direction and distance from the site
Aycliffe Church Quarry	STONEGRAVE AGGREGATE LIMITED	Aycliffe Quarry, Aycliffe Quarry, Aycliffe, County Durham, DL5 6NB	A02: Other landfill site taking hazardous waste	270m east
Aycliffe Quarry	STONEGRAVE AGGREGATE LIMITED	Land / Premises At, Aycliffe Quarry, Aycliffe Village, Darlington, County Durham, DL5 6NB	A09: Hazardous Waste Transfer Station	Adjacent

3.0 Dust and Particulate Management

3.1 Responsibility for the Implementation of the DMP

- 3.1.1 The implementation and dissemination of this DMP will be the responsibility of the Site Manager, supported by other staff. The Site Manager can delegate certain tasks as required, although ultimate responsibility will remain with them.
- 3.1.2 A nominated deputy will be appointed for all times when the Site Manager is not on site. In such circumstances, it will be the nominated deputy's responsibility to ensure that the requirements of the DMP are adhered to.
- 3.1.3 All site staff will receive instructions on how the plan is to be implemented during toolbox talks on site.
- 3.1.4 This document forms part of the site's Environmental Management System (EMS) and will be reviewed on an annual basis to ensure that it is fit for purpose and meets the requirements of current guidance.

3.2 Sources and Control of Dust

- 3.2.1 The key aspects of the process which may lead to dust emissions are identified in Table 4 below and the control measures that will be used are detailed in Table 5.

Table 4: Source-Pathway-Receptor Routes from Waste Activities at the Site

Source	Pathway	Receptor	Type of impact
Mud	Tracking dust on wheels and vehicles, then mud dropping off wheels/vehicles when dry	Public highways listed in Table 2.	Visual soiling, also consequent resuspension as airborne particulates
Debris	Falling off waste delivery vehicles	Public Highways listed in Table 2.	Visual soiling, also consequent resuspension as airborne particulates
Tipping, storage and treatment of waste inside building	Escape from buildings and subsequent atmospheric dispersion	Occupiers of domestic dwellings listed in Table 2. Workforce in commercial and industrial properties listed in Table 2. Amenities listed in Table 2. Habitats listed in Table 2.	Visual soiling and airborne particulates.

Vehicle exhaust emissions	Atmospheric dispersion	Occupiers of domestic dwellings listed in Table 2.	Visual soiling and airborne particulates
		Workforce in commercial and industrial properties listed in Table 2.	Airborne particulates
Non road going machinery exhaust emissions	Atmospheric dispersion	Amenities listed in Table 2.	Airborne particulates
		Habitats listed in Table 2.	Airborne particulates

Table 5: Measures to Control Dust/Particulates from Permitted Waste Activities

Abatement Measure	Description / Effect	Trigger for implementation
Preventative Measures		
Enclosure	<p>Wastes accepted for the site will be stored on external impermeable surface. All soil washing activities will be undertaken on an impermeable surface. As the wind direction is of a southwestern direction it is anticipated that the suspension of dust or the likelihood of dust transgressing the sites boundary will be minimal.</p> <p>Wastes which are stored in bays will have a minimum 500mm freeboard to aid in the reduction of wind whipping and soil disturbance.</p>	All preventative measures will be implemented during the operating hours detailed in Section 2.7.
Enclosure of waste treatment processes	Treatment of waste will comprise of soil washing activity and an aggregate treatment facility. These activities will occur within an enclosed system with covered conveyors and chutes to prevent wind blown dust	
Site speed limit	<p>The site will have a speed limit of 5mph in place to restrict speed on site. This will prevent the suspension and entrainment of dust. Clear signage is established on the site to reinforce the speed limit.</p> <p>Traffic control and routing are also to be implemented to aid in controlling dust on site.</p>	
No-idling policy	A 'No-idling policy' is in place at the site which requires all vehicles and plant to be switched off when not in use.	
Minimising drop heights for waste	Drop heights will be minimised as much as practicable and managed in line with health and safety requirements, to reduce the generation of dust whilst waste is being deposited. Drop heights will not exceed 1.5m.	
Site surfacing	The site surfaces comprise of both made ground and impermeable surface. All soil washing activities will be undertaken on the impermeable surface. The site surfacing will be visually inspected on a weekly basis to ensure that all areas provide a smooth-running surface. In the event that any damage is identified on the site's surfacing, necessary remedial work will be undertaken as soon as possible. If possible, the area may also be closed off until the necessary remedial works have been undertaken.	

	All other site surfacing and access roads will benefit from a hard standing surface and therefore the risk of dust and mud being tracked on wheels is considered to be low.
Sheeting of vehicles	Wastes being delivered to the site will be covered or sheeted to prevent dust emissions whilst the waste is in transit.
Maintenance of Plant and Equipment	All plant and equipment will be maintained in accordance with the manufacturer's requirements. This will minimise the risk of mechanical failure which may result in increased dust emissions. In addition, all plant and equipment will be subject to visual checks on a daily basis prior to use to ensure that the equipment functions correctly. In the event that any damage is identified on any plant or equipment that may affect its performance, necessary remedial work will be completed as soon as practicable. If necessary, defective plant or equipment may be isolated/closed off for use until the necessary remedial works have been undertaken. With regards to cleaning equipment (i.e. road sweeper), arrangements will be made to employ alternative equipment.
Good housekeeping	The site will be subject to visual inspections on a daily basis to ensure that there is not a build-up of particulates on surfaces and equipment. In addition, site staff will remain vigilant during operational hours for any visible dust on surfaces and equipment. Any abnormal build-up of dust noticeable on surfaces and equipment will be removed as soon as is practicable.
Misting Equipment and Water Sprays	During periods where dust is anticipated to be high, such as prolonged dry and/or hot weather or high winds, stockpiles, made ground and equipment will be dampened with misting equipment and sprays to mitigate the resuspension of dust particles. Mobile suppression units will be implemented on-site.

3.3 Best Available Techniques

- 3.3.1 The EA's 'Dust & Emission Management Plan' template has been used to ensure that the Best Available Techniques (BAT) are implemented on site.
- 3.3.2 General site housekeeping will ensure that dust does not build up on site and all dust generating activities will be monitored closely and site operatives will be vigilant and report any excessive dust issues to the Site Manager to be dealt with at the next available notice.
- 3.3.3 The Site Manager will undertake a daily visual assessment of dust levels and all site operatives will be vigilant and report any problems to the manager.
- 3.3.4 Should dust, mud, litter or other debris be identified, a road sweeper will be employed to maintain the site cleanliness.
- 3.3.5 Further, the site layout has been constructed with consideration to neighbouring receptors, including the Protected Habitats, Surface Water Features and Deciduous Woodlands, so that they are unlikely to experience an increase in dust levels this is because the prevailing wind direction is from the southwest.

- 3.3.6 Vehicles delivering waste to the site will be covered or sheeted to prevent the generation of dust whilst the waste is in transit. Drop heights will also be minimised as much as practicable to reduce the generation of dust from loading/unloading activities (no more than 1.5m).
- 3.3.7 All plant and machinery will have effective silencers where practicable and be maintained in accordance with the manufacturer's requirements to minimise the risk of mechanical failure which could result in increased dust emissions.
- 3.3.8 With the above measures in place, it is considered that the site is considered to be compliant with BAT.

3.4 Visual Dust Monitoring

- 3.4.1 Visual dust monitoring of waste stockpiles will be undertaken to determine if dust is being generated on site.
- 3.4.2 Monitoring will also comprise daily observations on the meteorological conditions (particularly the wind speed and direction) at the site. This information will be used by the Site Manager (or a nominated deputy) to determine the risk of dust emissions which is typically elevated during periods of dry weather or high winds. For the purposes of this DMP high winds have been defined Number 7 on the Beaufort scale where wind speeds range from 28-33 knots. The Beaufort Scale defines land conditions in high winds as "*whole trees in motion; inconvenience felt when walking against the wind*".
- 3.4.3 Daily monitoring will be undertaken by a member of site personnel who is trained in this procedure.
- 3.4.4 The results of the visual assessment and comments on the meteorological conditions will be recorded in the Daily Site Inspection Log (Appendix C) and will be reviewed by the Site Manager (or a nominated deputy). Ashcourt will maintain a record of the Daily Dust Conditions Log and will be referred to in the event of a complaint (as detailed in Table 7).
- 3.4.5 Monitoring will be undertaken during the operating hours detailed in Section 2.7. Ashcourt do not propose to make any arrangements to monitor dust outside operating hours.
- 3.4.6 In the event that visible dust or high winds are identified through daily monitoring, the following actions will be undertaken.

Table 6: Action Plan for Visible Dust or High Wind Speeds

	Action	Person responsible for ensuring action is carried out	Timescale for action completion
1	<p>The Site Manager (or a nominated deputy) will be notified and will make the appropriate managerial staff and site operatives aware.</p> <p>In the event that visible dust is identified from daily monitoring, the Site Manager (or a nominated deputy) will review site operations to establish if the site can be identified as the source of the dust.</p> <p>In the event that high wind speeds are observed, the Site Manager (or a nominated deputy) will proceed to implement remedial action(s) that are detailed in Step 2.</p>	Site Manager (or a nominated deputy)	Within one working day of observing visible dust or high wind speeds.
2	<p>If the visible dust can be directly related to the site or high wind speeds are observed, remedial action will be undertaken and may include the following depending on the source: -</p> <ul style="list-style-type: none"> • Reduce/limit waste deliveries to and from the site; and, • Reduce/limit waste treatment activities that present a high risk to dust emissions (e.g. shredding and granulator). 	Site Manager (or a nominated deputy)	Within one working day of observing visible dust or high wind speeds.
3	A follow up visual assessment will be undertaken off site on the local road network for any visible dust.	Site Manager (or a nominated deputy)	Within one working day of implementing remedial measure(s).
4	If visible dust is not identified, the Site Manager (or a nominated deputy) will ensure that any action taken and the effectiveness of that action is documented and a record will be maintained.	Site Manager (or a nominated deputy)	Within one working day of implementing remedial measure(s).
5	In the event that visible dust is identified following the implementation of remedial action(s) and the dust control methods fail, operations on site will cease and the EA will be informed.	Site Manager (or a nominated deputy)	Within one working day of implementing remedial measure(s).

4.0 Reporting and Complaints Procedure

4.1 Purpose of Complaints Procedure

- 4.1.1 A DMP should show how the operator will respond to complaints. Any complaints should be investigated promptly, and appropriate remedial action should be taken. The complainant and anyone else likely to be affected should be informed of any action taken in response to the complaint.
- 4.1.2 A procedure has been developed (see Table 7 below) to ensure that complaints will be handled by Ashcourt appropriately and consistently and to reassure the EA and the public that any of their concerns will be acknowledged and acted upon where appropriate. The procedure will be reviewed on an annual basis or in the event of any significant dust issues.

4.2 Complaints Reporting Route

- 4.2.1 In order to ensure that members of the public are easily able to report any complaints relating to dust emissions from the site, there will be a display board at the site entrance which details the site name, the permit number, the EA's contact details and Ashcourt's contact details. By providing contact details for the EA as well as the operator, this ensures that the member of public can report their complaint and be confident that it will be received by the appropriate party even if they feel uncomfortable discussing directly with the operator.

4.3 Complaints Records

- 4.3.1 Auditable records will be kept of any complaints made and the investigations undertaken. This will provide an ongoing record of the causes incidents which will enable Ashcourt to identify any patterns which would prompt a review in dust management procedures and control measures.

4.4 Community Engagement

- 4.4.1 Ashcourt will be undertaking regular community liaison group meetings with any interested local parties and any issues with dust can be raised at that time.

Figure 2: Reporting Route

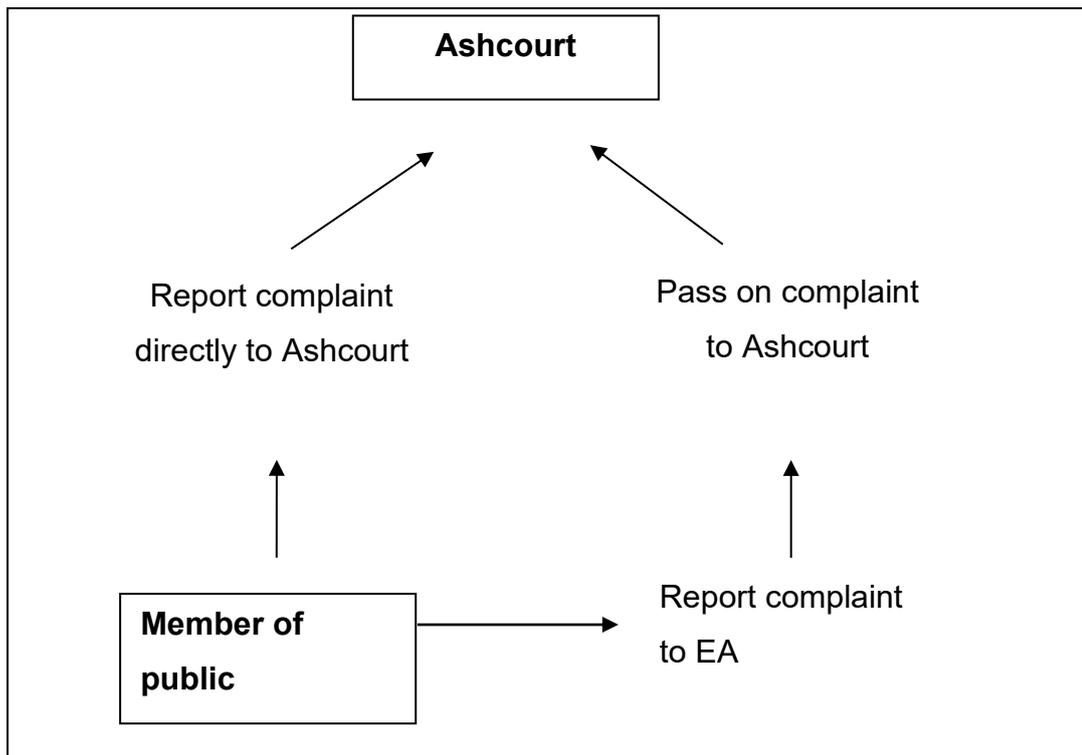


Table 7: Complaints Procedure

Action	Person responsible for ensuring action is carried out	Timescale for Action Completion
1. The Site Manager (or a nominated deputy) will be notified of the complaint and will make the appropriate managerial staff and site operatives aware of the complaint. The EA will also be notified of the complaint. The complaint shall be formally recorded using the Complaint Report sheet (Appendix B).	Site Manager or appropriately trained operator	Within two working day of receipt of the complaint.
2. The complaint will be investigated by: - a) Checking the monitoring records to see whether the complaint corresponds to the monitoring records. b) Checking the Site Diary and waste acceptance records to see if any particularly dusty waste was accepted.	Site Manager or appropriately trained operator	Within one working day of receipt of the complaint.

Dust Management Plan

	<p>c) Checking the Site Diary to see whether the complaint corresponds to any operational issues at the site.</p> <p>If the cause of the complaint is established, it will be recorded within the Complaint Record Sheet (Appendix B). If no particular cause is identifiable then this will also be recorded.</p>		
3.	<p>If more than one complaint is received about a particular incident, and the cause has not been established, Ashcourt would engage with the complainant(s) and agree corrective action(s) to be undertaken and timescales to implement.</p>	<p>Site Manager or appropriately trained operator</p>	<p>Within one working day of receipt of the complaints.</p>
4.	<p>The Site Manager will instigate any necessary reviews of procedures and will implement corrective action(s) that were agreed with the complainant(s).</p>	<p>Site Manager or appropriately trained operator</p>	<p>Works would commence within seven working days of agreeing corrective action. Completion will depend on timescales agreed with the complainant.</p>
5.	<p>Following the corrective action(s) have been implemented, the complainant and the Environment Agency will be informed.</p>	<p>Site Manager or appropriately trained operator</p>	<p>Within one working day of corrective action(s) being implemented.</p>
6.	<p>A follow up audit on the corrective actions implemented shall be undertaken to ensure the complaint is not made again in the future and that the preventive procedure is effective.</p>	<p>Site Manager or appropriately trained operator</p>	<p>Within two weeks of corrective action(s) being implemented.</p>
7.	<p>Once the follow up audit has been completed, the Site Manager will ensure that the complaint and any action taken, and the effectiveness of that action are recorded in the Environmental Management System.</p> <p>This record shall also note any amendments to procedures, both environmental and health & safety, which may be required following the investigation. The record shall be kept in the site office at all times or if it is an electronic record, it will be accessible from the site.</p>	<p>Site Manager or appropriately trained operator</p>	<p>Within two weeks of receipt of corrective action(s) being implemented.</p>

Drawings

ASH-B076570-PER-01 – Permit Boundary Plan

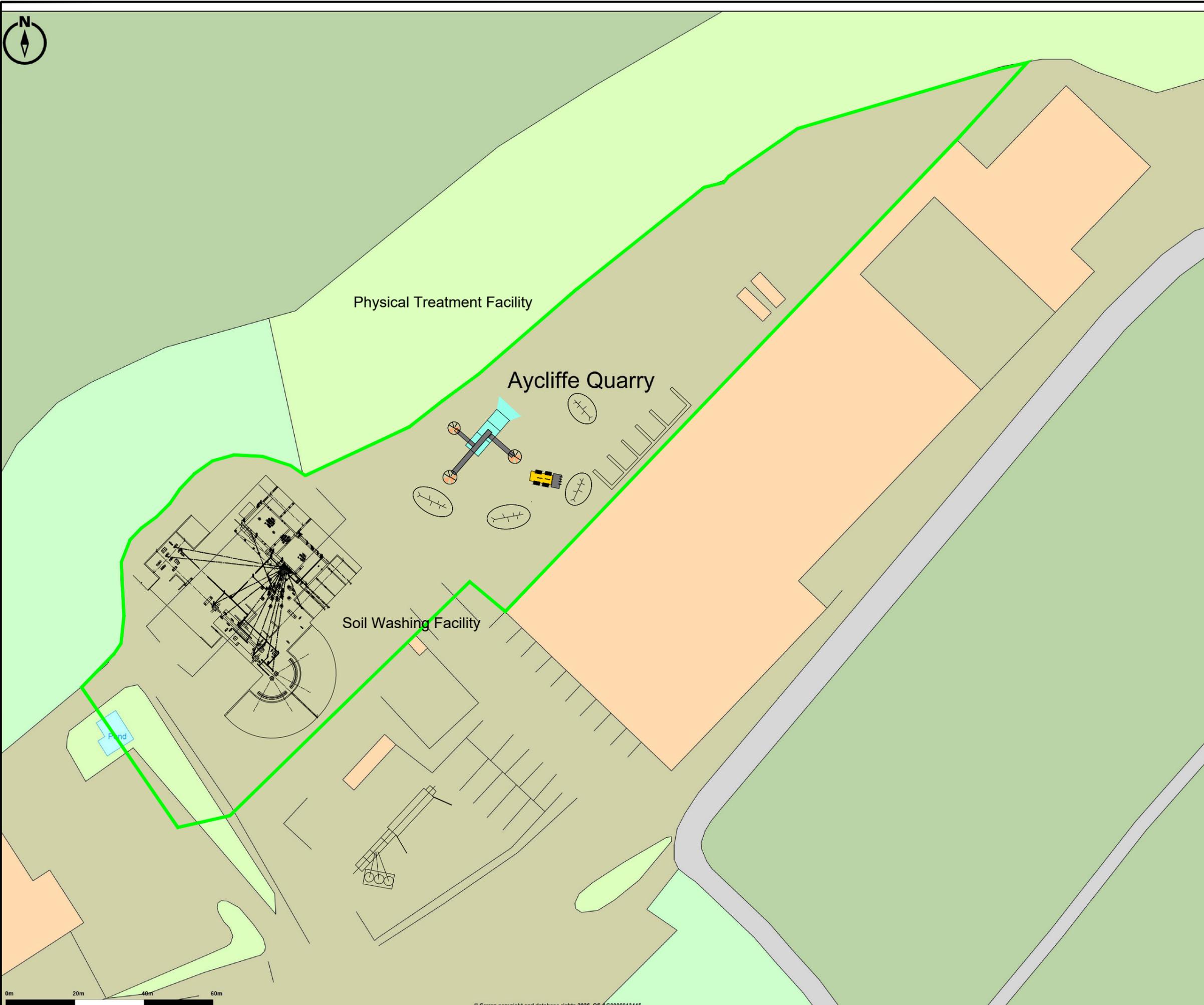
ASH-B076570-REC-01 – Environmental Receptor Plan

NT16450-003 – Proposed Site Drainage Layout



DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS

 Permit Boundary



REV	DESCRIPTION	BY	CHK	APP	DATE
-----	-------------	----	-----	-----	------

Ashcourt (Durham & Tees Valley) Limited

Tetra Tech Leeds
3 Sovereign Square, Sovereign Street,
Leeds, United Kingdom, LS1 4ER

Tel: +44 (0)11 3278 7111
www.tetratecheurope.com



Project:
Aycliffe Soil Washing Plant

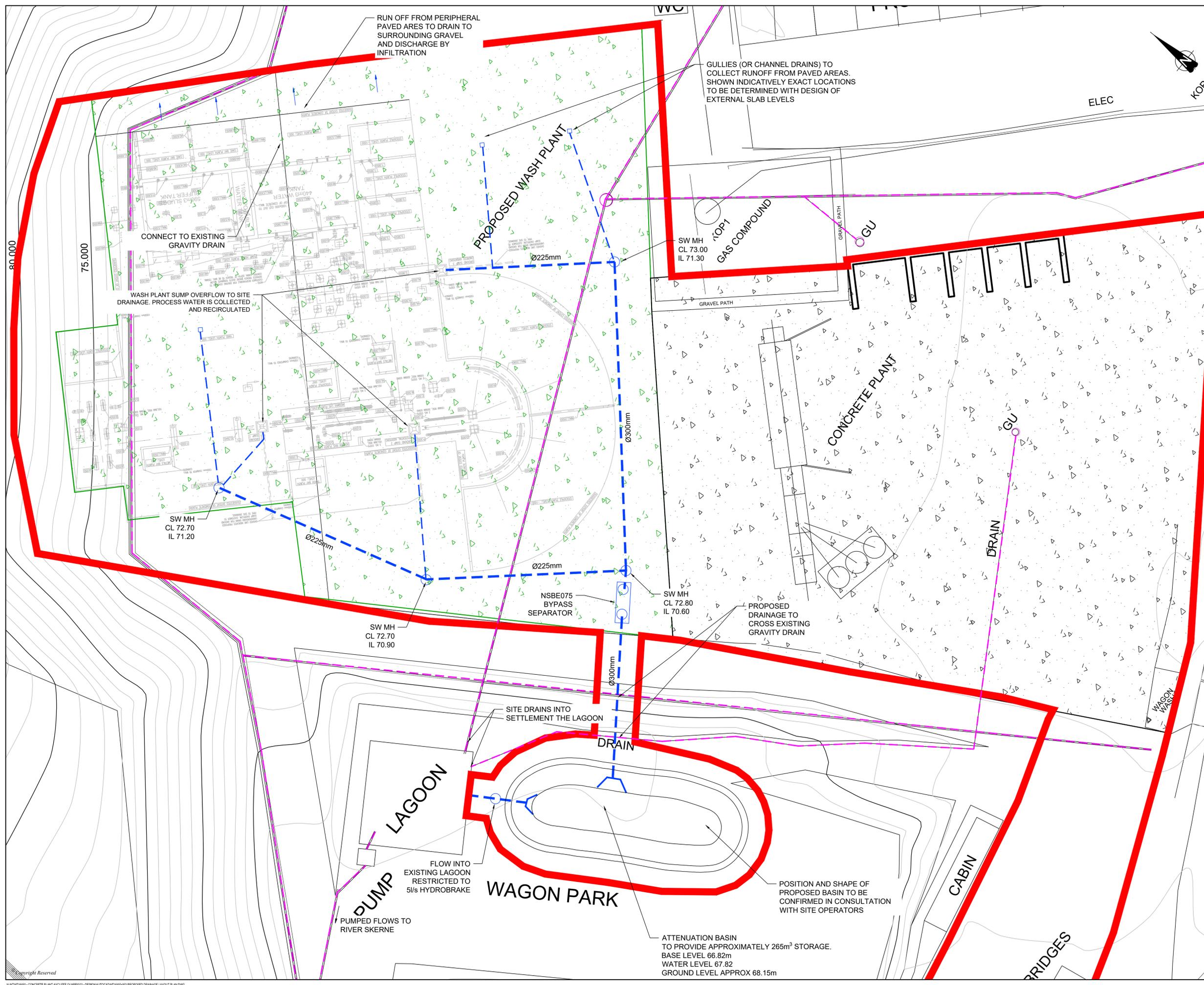
Drawing Title:
Environmental Permit Boundary

Scale @	A3	Drawn	Date	Checked	Date	Approved	Date
N.T.S		AB	Jan 26	AB	Jan 26	AB	Jan 26
Project No.	Office	Type	Drawing No.		Revision		
784-B076570	3904	ENV	ASH/B076570/PER/01				

DO NOT SCALE FROM THIS DRAWING

- KEY:
- SITE BOUNDARY
 - - - PROPOSED DRAINAGE
 - EXISTING DRAINAGE
 - ▴ WASH PLANT CONCRETE SURFACE
 - ▴ PRE-DEVELOPMENT CONCRETE SURFACE

- NOTES:
1. SIZES AND DEPTHS OF EXISTING SITE DRAINAGE TO BE CONFIRMED
 2. SIZES AND DEPTHS OF PROPOSED DRAINAGE TO BE CONFIRMED ONCE FURTHER DETAILS ON EXISTING AVAILABLE
 3. ALL GULLY POSITIONS, MANHOLE POSITIONS AND ROUTES TO BE CONFIRMED AT DETAILED DESIGN
 4. REFER TO WASH PLANT MANUFACTURER INFORMATION FOR DETAILS OF RAIN WATER RE-USE AND RECIRCULATION



PO	FIRST ISSUE	02/11/23	UI	GC	GC
REVISION	DETAILS	DATE	DRAWN	CHECKED	APPROVED
CLIENT STONEGRAVE AGGREGATES					
PROJECT AYCLIFFE QUARRY CONCRETE BATCHING PLANT AND WASH PLANT					
DRAWING TITLE PROPOSED DRAINAGE LAYOUT PLAN					
DRG No.	NT16450-003	REV	P0		
DRG SIZE	A1	SCALE	1:250	DATE	16/11/23
DRAWN BY	UI	CHECKED BY	GC	APPROVED BY	GC
<p>NEWCASTLE UPON TYNE TEL: 0191 232 0943 WWW.WARDELL-ARMSTRONG.COM</p> <p> <input type="checkbox"/> BRIMINGHAM <input type="checkbox"/> GLASGOW <input type="checkbox"/> BOLTON <input type="checkbox"/> LONDON <input type="checkbox"/> CARDIFF <input type="checkbox"/> MANCHESTER <input type="checkbox"/> CARLISLE <input type="checkbox"/> SHEFFIELD <input type="checkbox"/> EDINBURGH <input type="checkbox"/> STOKE ON TRENT </p>					

Appendix A – Proposed Waste Types

Table A1: Soil Washing Facility Waste Types

Permitted waste types and quantities for treatment to produce soils, soil substitutes and aggregates	
Maximum Quantity	The quantity of wastes listed below, accepted at the site shall be less 800,00 tonnes a year in combination with the soil washing activity.
EWC Code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 04	Wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	Waste sand and clays
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 02	shellfish shells from which the soft tissue or flesh has been removed only
10	WASTES FROM THERMAL PROCESSES
10 01	Wastes from power stations and other combustion plants (except 19)
10 01 02	Pulverised fuel ash only
10 11	Waste from manufacture of glass and glass products
10 11 12	Clean glass other than those mentioned in 10 11 11
10 12	Wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 08	Waste ceramics, bricks, tiles and construction products (after thermal processes)
10 13	Wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 14	Waste concrete only
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	Packaging (including separately collected municipal waste packaging)
15 01 07	Clean glass only
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	Concrete, bricks, tiles and ceramics
17 01 01	Concrete
17 01 02	Bricks
17 01 03	Tiles and ceramics
17 01 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	Wood, glass and plastic
17 02 02	Clean glass only
17 03	Bituminous mixtures, coal tar and tarred products
17 03 02	Road base and road planings (other than those containing tar) only
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	Soil and stones other than those mentioned in 17 05 03
17 05 08	Track ballast, soil and stones other than those mentioned in 17 05 07

19	WASTE FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 08	wastes from waste water treatment plants not otherwise specified
19 08 02	washed sewage grit (waste from desanding) free from sewage contamination only
19 08 99	stone filter media if free from sewage contamination only
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	clean glass only
19 12 09	minerals (for example sand, stones)
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	Separately collected fractions (except 15 01)
20 01 02	Clean glass only
20 02	Garden and park wastes (including cemetery waste)
20 02 02	Soil and stones

Permitted waste types and quantities for the soil washing activity

Maximum quantity	The total quantity of waste to be accepted at the site for this activity shall not exceed 800,000 tonnes per annum in combination with the waste treatment operation
-------------------------	---

Waste code	Description
-------------------	--------------------

EWC Code	Description	Restriction
01	WASTE RESULTING FROM EXPLORATION, MINING, QUARRYING AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS	
01 04	Wastes from physical and chemical processing of non-metalliferous minerals	
01 04 08	Waste gravel and crushed rocks other than those mentioned in 04 04 06	
01 04 09	Waste sand and clay	
01 04 13	Wastes from stone cutting and sawing other than those mentioned in 01 04 07	
10	WASTES FROM THERMAL PROCESSES	
10 11	Wastes from manufacture of glass and glass products	
10 11 12	Waste that as waste glass other than those mentioned in 10 11 11	
10 12	Wastes from manufacture of ceramic goods, bricks, tiles and construction products	
10 12 08	Waste ceramics, brick, tiles and construction products (after thermal processing)	
10 13	Wastes from manufacture of cement, lime and plaster and articles and products made from them	
10 13 14	Waste that as waste concrete and concrete sludge	
15	WASTE PACKAGING, ABSORBANTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	

15 01	Packaging (including separately collected municipal packaging waste)	
15 01 07	Glass packaging	
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	
17 01	Concrete, bricks, tiles and ceramics	
17 01 01	Concrete	Selected C&D waste only
17 01 02	Bricks	Selected C&D waste only
17 01 03	Tiles and ceramics	Selected C&D waste only
17 01 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	Selected C&D waste only. Metal from reinforced concrete must have been removed.
17 02	Wood, glass and plastic	
17 02 02	glass	
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil	
17 05 04	Soil and stones other than those mentioned in 17 05 03	Excluding topsoil, peat; excluding soil and stones from contaminated sites
17 05 06	Dredging spoil other than those mentioned in 17 05 05*	
17 05 08	Track ballast other than those mentioned in 17 05 07*	
17 09	Other construction and demolition wastes	
17 09 04	Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	
19 02	Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)	
19 02 06	Waste sludges from physico/chemical treatment other than those mentioned in 19 02 05	Uncontaminated fractions from physico/chemical treatment which may be subject to further processing
19 08	Wastes from waste water treatment plants not otherwise specified	
19 08 02	Waste from desanding	
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified	
19 12 05	Glass	

19 12 09	Minerals only	Wastes from the treatment of waste aggregates that are otherwise naturally occurring minerals. Does not include fines from treatment of any non-hazardous waste or gypsum from recovered plasterboard.
19 12 12	Other wastes (including mixtures of materials) from other mechanical treatment of wastes other than those mentioned in 19 12 11	soil and stone fractions from mechanical treatment of construction and demolition waste including IBAA
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	
20 01	Separately collected fraction (except 15 01)	
20 01 02	Glass	
20 02	Garden and park wastes (including cemetery waste)	
20 02 02	Soil and stones	Only from garden and parks waste; excluding topsoil, peat.
20 03	Other municipal wastes	
20 03 03	Street cleaning residues	Uncontaminated soil and stone fractions only

Appendix B – Complaints Form

Dust complaint report form	Date:	Ref. No.
Name and address of complainant		
Tel no. of complainant		
Time and date of complaint		
Date, time and duration of offending dust		
Weather conditions (e.g., dry, rain, fog, snow)		
Wind strength and direction (e.g. light, steady, strong, gusting)		
Complainant's description of dust		
Has complainant any other comments about the offending dust?		
Any other previous known complaints relating to installation (all aspects, not just dust)		
Any other relevant information		
Potential dust sources that could give rise to the complaint		
Operating conditions at the time offending dust occurred		
Action taken:		
Final outcome:		
Form completed by	Signed	

Appendix C - Daily Site Inspection Log

Date	
Name	
Observations	
Actions	
Signature	