

Construction Environmental Management Plan (CEMP)

for

Steyning Grammar School

Project Number HLN.0299

Rev No 02

Dated 11/08/2026

Prepared by Joe Steer

Date 11/08/2026

Approved by Dan Brenchley

Date 11/08/2026

Construction Director/Manager

Subsequent revisions of this CEMP will be distributed to all listed recipients.

Internal Distribution

The complete CEMP shall be distributed to the following:

Project Team, Regional Sustainability Advisor, Sustainability Manager

External Distribution, e.g. Client, Subcontractors, Others (please specify)

Issued to	Date

Revision Record

Rev	Date	Revision Details	Revised by
00	06/02/2026	Draft for Planning	DP
01	08/07/2026	Update for Planning	JS
02	11/08/2026	Updated in line with HDC Comments	JS

This plan must be available to everyone on site upon request.

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1.0 Environmental Records

Environmental Records ¹	Action by	File Ref:
Construction Environmental Management Plan (CEMP)	Joe Steer	BAM Source
Resource Management Plan (RMP)	Joe Steer	BAM Source Smart Waste
Environmental Permit / Waste Management Licence / Exemptions, Carrier Registrations [off-site]	Leanna Martin	Smart Waste
Environmental Permit / Exemption Certificate [on-site]	Alan Newland	BAM Source
Waste Transfer Notes	Joe Steer	Smart Waste
Street cleaning & septic tank duty of care information	N/A	BAM Source
Energy supply arrangements (type of supply, supplier, MPAN, MPRN, account number(s))	Andy Nash	Smart Waste
Key Performance Indicator information (pollution incidents, energy use, mains water use, waste production, timber sustainability, environmental toolbox talks)	Joe Steer	BAM Source Smart Waste
Method Statements and Risk Assessments	Joe Steer	BAM Source
COSHH Assessments	Joe Steer	BAM Source
Site Incident Response Plans	Joe Steer	BAM Source
Regional Sustainability Advisor Visit Reports	Leanna Martin	BIM
Section 60 / 80 Notices	Alan Newland	BAM Source
Section 61 Consents	Alan Newland	BAM Source
Part B Authorisations	Alan Newland	BAM Source
Trade Effluent Consent	Alan Newland	BAM Source
Controlled Water Discharge Permit	Alan Newland	BAM Source
Other Consents (Archaeological, Hedge Removal, Tree Removal, etc.)	Alan Newland Joe Steer	BAM Source
BREEAM	Leanna Martin	BAM Source

¹ This list is not exhaustive and not all of the documents may need to be obtained. See the P

re-commencement checklist, [bam/ep/construction/5.2](#), and procedures for details of the documents that will need to be retained.

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2.0 Contractual Obligations

2.1 Planning-specific requirements:

- Works must comply with the planning authority's requirements relating to site logistics, tree protection, materials, lighting, drainage, noise, and ecology as referenced in the planning pre-app feedback and Environmental Strategy.
- Construction phasing and sequencing will follow the CEMP, including archaeological trenching, temporary car parks, GSHP drilling phases, haul road alignments and decant timelines.
- Maintain safe operation of the school throughout all phases, including access to the sports pitches, Leisure Centre, and car parking at key milestones.
- Protect all surveyed trees per BS5837:2012, referring to the 52 individual trees, 19 groups, 1 woodland and 5 hedges identified on the Tree Constraints Plan.
- Ensure utilities diversions (UKPN LV feeds, water supply, gas taps for science) occur prior to demolition of affected blocks.
- Comply with water neutrality requirements through installation and protection of the rainwater harvesting (RWH) infrastructure (300,000L storage).

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3.0 Project Specific Environmental Aspects

As identified in the Environmental Precommencement Checklist

3.1 Environmental Pre-commencement checklist

- BS5837 tree protection fencing installed around all retained trees and groups; no storage or excavation within RPAs.
- Archaeological WSI agreed and trenching/watching brief completed prior to bulk earthworks.
- GSHP borehole method statement approved; drilling fluids storage bunded; emergency plan briefed.
- Drainage protections in place for SW300 diversions and attenuation tank excavations; silt controls installed.
- Temporary car parks, haul roads and segregated pedestrian routes operational; traffic marshals briefed.
- Ecological safeguarding: pre-start checks, nesting bird protection and memorial tree buffer established.

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- Water neutrality enabling measures commissioned: rainwater harvesting controls protected and ready for installation.
- Noise, dust and vibration controls to be planned, managed and monitored to avoid impact, particularly for exam periods and neighbours. Task specific Risk Assessment Method Statement to be completed for all works with any impact. This will follow a hierarchy of controls aligned with the Control of Pollution Act 1974.

3.2 Project Specific Environmental aspects include:

- GSHP vertical borehole drilling, including directional drilling away from playing fields, drilling fluids management, spoil arisings and groundwater protection.
- Large-scale demolition of existing Shooting Fields blocks (EFA series), including asbestos presence confirmed in survey.
- Archaeological trenching and strip investigations scheduled July–August 2026 and required before main works.
- Root Protection Areas (RPAs) for 52 trees and 19 groups must be protected — several A- and B-category trees within influence of access routes.
- Ecological sensitivities, including mature woodland (W1), hedgerows, memorial tree (Tree 13), bat/avian habitat potential in deadwood.
- Drainage diversions (foul, SW300, attenuation tanks, rainwater harvesting) and risk of silt-laden run-off to playing fields.
- Leisure Centre and school interface, requiring controlled pedestrian/vehicle segregation during all phases.
- Temporary MUGA and pitch access during early phases.
- Energy centre construction (GSHP plant in Building 14) and installation of 2,167 PV panels on multiple roofs.

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3.3 Planning Condition Compliance Matrix

Typical Planning Condition	Requirement	Where Addressed in CEMP	Evidence Source
CEMP approval prior to commencement	Provide a site-specific CEMP with risks, mitigation, monitoring and responsibilities.	Sections 0.0–0.4 + Appendix A	Planning CEMP + BAM Operational CEMP
Tree protection (BS5837)	Install fencing; protect RPAs; no storage/excavation in RPAs.	0.1 Checklist; 4.2 Ecology/Arboriculture	Arboricultural Survey & Tree Constraints Plan
Archaeology (WSI & trenching)	Submit WSI; trenching & watching brief prior to main works.	0.1 Checklist; 4.2	Construction Phase Plan
Ecology safeguarding	Undertake pre-start checks; protect nesting birds/habitats.	4.2 Ecology	BS5837 survey notes / SQE check
Noise, dust & vibration	Minimise disturbance to neighbours/school; set hours.	4.5 Nuisance Prevention	Construction Phase Plan
Construction traffic & safety	Define routes; marshalling; segregation from pupils.	0.1; 4.5	Construction Phase Plan
Surface water & pollution control	Prevent pollution during excavations/diversions.	4.6 Water Pollution Prevention	Construction Phase Plan
Water neutrality	Deliver RWH and controls to remain net-neutral.	Contractual Obligations summary	Building Services Strategy (RWH)
Unexpected contamination	Cease works; investigate; remediate as necessary.	4.7 Contaminated Land	CEMP procedures
Emergency procedures	Spill response; maintain fire/ambulance access routes.	4.10 Emergency Procedures	Construction Phase Plan

3.4 Environmental Risk & Mitigation (Site-Specific)

Risk	Planning Condition	Mitigations / Controls	Programme / Trigger
GSHP drilling & fluids	Groundwater pollution; noise to neighbours Bunded fluid storage; spill kits; emergency	Bunded lockable fluid storage; signage, spill response training; spill kits; emergency borehole plan; timed drilling; acoustic management.	Before and during drilling
Drainage diversions (SW300) & attenuation tanks	Silt/pollution to drains & pitches	Silt fencing; cut-off ditches; controlled pumping; designated washout area. Drainage protection; training	Pre-excavation set-up then maintained throughout
Tree RPAs and memorial tree	Damage to protected trees / amenity	Fencing per BS5837; no plant/storage in RPAs; arboricultural supervision at pinch points.	Fencing before any works; supervision as required
Archaeological sensitivity	Loss of heritage assets	WSI agreement; trenching prior to main works; watching brief.	Mobilisation period; complete before bulk earthworks
Live school & leisure interfaces	Safety of pupils/community; amenity	Traffic marshal at Horsham Rd gate; timed deliveries; segregated routes; comms with school.	From mobilisation to completion
Exam periods	Noise/disturbance	Quiet windows Quiet time periods; noisy works embargo; alternative sequencing. Acoustic barriers, prefabricated material where practicable to avoid cutting on site, designated cutting stations positioned away from school	As per school calendar (Mar–Jul)
Water neutrality delivery	Policy non-compliance	Install/commission RWH; protect pipework routes during phases.	Aligned to roof/plant programme

Further detail will be included in each task specific Risk Assessment and Method Statement. Training will be undertaken, alongside monitoring through site inspections.

3.5 Environmental Constraints Plan – Key

Constraint	Location / Note	Source
Tree RPAs (Category A/B)	Perimeter woodland, memorial tree areas; RPAs up to 15m	Arboricultural Survey (BS5837)
Archaeology zones	Historic field boundaries; trenching areas	Construction Phase Plan
GSHP borehole fields	Adjacent to new buildings; away from pitches	Building Services Strategy
Drainage works	SW300 diversions; attenuation tank zones	Construction Phase Plan

4.0 Project Specific Environmental Controls

4.1 Construction Targets

1	Site to register with the Considerate Constructors Scheme and target minimum score of 85.
2	Target zero pollution incidents by following this plan.
3	Measure Energy use as follows: - BAM Fuel use (in litres) and bottled Gas/LPG (in Kg) to be recorded on Smart Waste from delivery tickets. - Subcontractors to copy their delivery tickets for fuel oil, bottled gas, etc. to BAM for inclusion on Smart Waste. - Energy supply details to be logged on Smart Waste indicating ownership of supply (BAM/Client), Supplier, MPAN, MPRN and account details where relevant. - Automatic Meter Reading (AMR) Electricity (and where relevant Gas) meter(s) to be installed at main supply point/entry point to site, with usage (obtained from AMR report) recorded monthly (in kWh) on Smart Waste. - Target maximum CO₂ emissions of 120 tonnes /£1 million.
4	Water use readings (in m ³) from the meter installed at the entry point to the site are also to be recorded on Smart Waste. Target maximum water use of 150 m3 /£1 million.
5	Waste production, and percentage of waste diverted from landfill, is to be monitored on Smart Waste. - Log all BAM Waste Transfer Notes (WTN) and waste destinations. - Subcontractors to copy all WTN to BAM. BAM to record on Smart Waste. - Target maximum Construction (skip) waste production of 26 tonnes /£1 million.
6	The Resource Management Plan includes details of the waste to be segregated for recycling on site. Target to divert at least (80) % of all waste removed from site away from landfill.
7	All new timber and wood based products are to be from FSC or PEFC Chain of Custody sources. Details of all deliveries will be recorded on Smart Waste.
8	Environmental Toolbox Talks are to be carried out at least once a month, and be recorded on the Toolbox Talk Record. All environmental risks are to be included in site induction.
9	The Construction Environmental Management Plan and Resource Management Plan are to be reviewed on a quarterly basis.
10	Produce at least one environmental case study
11	All CAT 1 subcontractors to be active members of the Supply Chain Sustainability School
12	Install an EV charging point, or the site confirms that (delete this text and replace with one of the following caveats) - There is insufficient capacity renewable electricity supply - There is no logistically sensible parking spot for an EV point - Public transport is the main mode of transport for employees, subcontractors and visitors. - The project has less than 3 months activity left after a charging point is installed.
13	Achieve zero contamination events during GSHP drilling; implement drilling fluid containment, bunded storage, and groundwater protection checks.
14	Monitor performance of temporary car parks (LC 65-space facility) to ensure no run-off to pitches during early phases.

15	Apply noise controls during heavy activities (e.g., steel frame erection, precast deliveries, ground improvement) near exam periods.
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4.2 Ecology, Archaeology, and Rights of Way

The following measures will be employed to protect the ecology on the site:

- All mature trees that are to be retained are to be protected in accordance with BS 5837. No work may be carried out within the fenced areas without prior approval of a method statement. No mechanical excavation will be allowed within the fenced areas. No materials to be stored in protection zones.
- If any Japanese knotweed is encountered, work within 7m of the plant will be stopped, the area cordoned off and the local environmental regulator will be contacted to confirm the presence of Japanese Knotweed. Further project specific controls will be implemented if required.
- If protected species are identified after work begins, or it is suspected that a protected species may be present, work will be stopped when it is safe to do so and access restricted to the affected area. The Species Protection Officer of the relevant authority ([Natural England](#), [Natural Resources Wales](#) or [Scottish Natural Heritage](#)) will be contacted to carry out a site survey to confirm presence of a protected species. Any advice on the preservation or relocation of the species will be followed as required.
- If any finds suspected of being of archaeological or historic interest are uncovered the following action will be taken:
 - Cease all work within the area immediately
 - Protect the area by fencing or other means
 - Contact the LPA and local authority archaeologist. Contact details for the local authority archaeologist can be found at: www.algao.org.uk
 - Depending on the find it may be necessary to obtain Scheduled Ancient Monument consent before continuing with the work
- If human skeletal remains or evidence of a burial ground are uncovered, the Police and the Coroner will be contacted in addition to the local authority archaeologist.
- Finds regarded as treasure (rare coins and artefacts) will not be removed from site without consent.
- The nominated Biodiversity Champion is Alan Newland. Who has the authority to influence site activities and ensure that detrimental impacts on site biodiversity are minimised in line with the recommendations of a Suitably Qualified Ecologist (SQA).
- Steyning Grammar School site specific controls include;
 - Implement archaeological WSI and watching brief across high-risk field boundary zones (as per ARS desk study). Works consisting of 13 trenches 25m in length.
 - Protect all trees in accordance with the Arboricultural Survey and Tree Constraints Plan, including RPAs up to 15m radius and reshaped RPAs where roots follow boundary features.
 - Memorial tree (Tree 13) must be fenced and monitored; no ground disturbance within buffer.
 - Qualified tree surgeon will be employed to undertake and works to existing trees and hedgerows.
 - Trees will be visually checked for the presence of any diseases or dead wood, fungal, other infectious diseases and stability by the BAM Site Management Team. Depending on findings a formal inspection by a competent arboriculturist may then be required.
 - Potential use of hedgehog highways where solid hoarings are located up against existing hedgerows and or woodland areas.
 - Maintain uninterrupted access to:

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Published date	Updated date	Reference	Version
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- Playing fields (for emergency access and sports)
 - Primary School link route
 - Leisure Centre and staff car park.
- Insert additional site specific controls here

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4.3 Materials Management and Responsible Sourcing

The following materials management measures will be employed:

- All hazardous materials will be kept within a locked storage area and access to these materials will be restricted to those who have viewed the COSHH assessment for the particular material.
- Other materials are to be stored in designated storage areas as agreed with the Site Management.
- Store all GSHP drilling fluids, bentonite and polymer additives in bunded areas, away from RPAs and drainage lines.
- Manage spoil from directional drilling in segregated, covered stockpiles to prevent water contamination.
- Protect exposed soffits, precast planks and SFS from water ingress.
- Establish material laydown areas outside all RPAs (refer Tree Constraints Plan).
- The project will support and give preference to procuring products which are able to demonstrate compliance with a recognised responsible sourcing scheme, certified by a third party. In particular:
 - All timber products are to be from a Chain of Custody source, certified by the Forest Stewardship Council (FSC) or Programme for the Endorsement of Forest Certification Schemes (PEFC), or Grown in Britain (GiB) to ensure legality and sustainability. Where this is not possible the client will be informed, and alternative timbers proposed.
- The project will procure materials and services as well as source labour locally when possible.

This project is committed to BAM's responsible sourcing policy, and is committed to:

- Considering the impact on natural resources when choosing goods and materials
- Promoting the application of 'Life Cycle Thinking' when considering specifications during the design, specification and construction process to reduce the impact of buildings over their whole life.
- Minimising the use of materials with a hazardous content and promoting the use of materials which can improve the health of building users.
- Procuring all new timber and wood based products (for temporary and permanent use) from certified legal and sustainable sources. This includes Grown in Britain (GiB), Forest Stewardship Council (FSC), and Programme for the Endorsement of Forest Certification (PEFC). Chain of Custody evidence is required to confirm compliance.
- Insisting that our subcontractors have an Environmental Policy and work to BAM's environmental procedures to ensure compliance with relevant environmental protection laws and regulations.
- Encouraging our supply chain to implement or to be working towards a UKAS accredited third-party certified Environmental Management System.
- Encouraging our supply chain to become active members of the Supply Chain Sustainability School.
- Supporting and giving preference to procuring products which are able to demonstrate compliance with a recognised responsible sourcing scheme, certified by a third party, such as BES 6001 or Cradle to Cradle.
- Supporting and giving preference to waste management contractors that hold PAS402 certification.
- Eliminating excessive packaging, with a particular focus on single-use plastics, without having a negative impact on the delivered goods.

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4.4 Oil, Fuel and Liquid Chemical Storage

The storage of all BAM and Subcontractor oil containers with a capacity of 200ltrs or more will comply with the requirements of the Control of Pollution (Oil Storage) regulations as follows:

- All oil, fuel and liquid chemical storage to be recorded on the COSHH register and are safely managed in align with the Control of Substances Hazardous to Health Regulations 2002
- A Site Incident Response Plan will be produced where quantities exceed 200ltrs.
- All personnel are to make themselves aware of the Site Incidence Response Plan (SIRP) (405-406) which will be displayed in a prominent position. The Project Sustainability Manager is to be notified of all spillages, however minor.
- The filling of BAM bulk storage tanks will be supervised by the BAM Site Management Team.
- Only authorised personnel will be issued with a key to the bulk storage tanks for refuelling plant. When refuelling, the operator is to remain in attendance at all times.
- At least one BAM specification spill kit will be available on site, at the location detailed on the SIRP. Dedicated spill response plan specifically for GSHP drilling rigs, including immediate containment and groundwater sampling protocols.
- Although equipment (like a funnel) will be used to prevent drips, a plant nappy (or drip tray) will be available when refuelling plant and equipment on site to prevent contamination as a result of minor spills and drips.
- Subcontractor method statements will include the provision of spill kits for activities that could result in a spill, leak or hose burst.
- Oils and other chemicals, in containers with a capacity of less than 200ltrs, will be stored within a locked store on a secondary containment system. Only authorised personnel will be issued with a key to this store.
- Place containers of fuel smaller than 200 litres on plant nappies when in use on site. Return the containers to their secondary containment system when they are no longer needed, at least at the end of every day.
- Oil storage will be set up so that rainwater does not accumulate in impermeable drip trays / bunds.
- If oil is stored outdoors and rainwater collects in drip trays or bunds, any oil from the water will be removed with an oil only absorbent pad. Used pads will be disposed of as hazardous waste. (There are also proprietary cleaning systems available for example the PIG® Outdoor Oily Water Filter Bucket).
- The location of Subcontractors' oil storage areas and procedures must be agreed with BAM Site Management prior to any deliveries. No storage will be permitted within an area designated as a Source Protection Zone, within 10m of a watercourse or within 50m of a well or borehole or GSHP borehole.
- All hazardous materials will be kept within a locked storage area

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4.5 Nuisance Prevention

The following measures are to be implemented to reduce the nuisance to neighbours, and to ensure they have an appropriate amount of involvement with the project:

- The site will undertake works in accordance with BS5228.
- Site working hours will be 08:00 to 18:00hrs Monday to Friday, and 08:00hrs to 13:00hrs on Saturday. No work is to be carried out on Sundays or Bank Holidays.
- Send out a client approved newsletter before the start of the project, introducing the project team and giving a brief outline of the project, and thereafter. The newsletter will include the name and telephone number of the Project Sustainability Manager.
- Regular liaison meetings will be held with the school to discuss forthcoming works and any activities likely to generate elevated noise levels.
- The Local Authority's Environmental Health Officer will be kept informed of all upcoming activities that may impact on the local residents.
- All compliments, comments and complaints will be recorded. The Project Sustainability Manager will take immediate action on receiving a complaint, and respond to any complaint by the end of the next working day. A senior member of the project team will verify that the corrective action has been effective.
- Maintain quiet periods during exams (March–July).
- Traffic marshal at Horsham Road gate at all times during demolition and major deliveries.
- Deliveries and collections will be scheduled to minimise disruption to school arrival and departure times. This being in accordance with the projects Construction Traffic Management Plan. No deliveries will take place between 08:00-09:15 & 14:45-16:00.
- A road sweeper will be employed to keep all roadways on and adjacent to the site clear of mud and debris.
- A wheel washing facility or other suitable vehicle cleaning measures will be provided where there is a risk of mud or dust being carried onto the surrounding public highway. Site access roads will be inspected regularly and cleaned as necessary. It will be the responsibility of the site gateman to ensure there vehicle is in an appropriate condition prior to releasing deliveries onto site.
- The site access and surrounding highway will be monitored daily. Mechanical road sweeping will be employed where required to remove deposited mud or dust.
- Vehicle speeds on unmade site roads will be restricted to a maximum of 5mph to minimise dust generation. All loads of loose materials leaving the site will be sheeted or otherwise securely covered.
- The site layout and vehicular access routes on site will be planned so that machinery and dust causing activities are located away from the site boundaries particularly on the school elevations and where works are taking place against residential areas on Shooting Feildings and Coxham Lane.
- Avoid the use of diesel or petrol-powered generators and use mains electricity or battery powered equipment where practicable.
- Site personnel will be instructed to keep shouting and raised voices to a minimum.
- Radios, speakers, and other personal audio equipment will not be used unless specifically authorised for operational purposes.
- Toolbox talks will reinforce the importance of considerate behaviour in reducing noise impacts on neighbouring properties.
- Where reasonably practicable, modern, low-noise vehicles, Stage V Non Road Mobile Machinery, plant, and equipment will be used throughout the project. Preference will be given to equipment that meets current noise emission standards and incorporates manufacturer-installed noise reduction features.
- All vehicle engines and plant will be switched off when not in active use. Unnecessary vehicle idling will not be permitted. Toolbox talks on anti-idling and air pollution will be carried out. Posters will be displayed in the welfare area.

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- All vehicles, mechanical plant, and equipment will be regularly inspected and maintained in accordance with the manufacturer's maintenance schedules to ensure efficient operation and minimise unnecessary noise emissions. Defective or excessively noisy equipment will be repaired or removed from service promptly.
- Engine covers, access panels, and acoustic enclosures on plant and machinery will be kept closed while equipment is operating, except where access is required for maintenance or safe operation.
- Pneumatic tools and other noisy equipment will be fitted with effective silencers or mufflers where practicable and will be operated in accordance with the manufacturer's recommendations.
- Generators, compressors, and other static plant will be selected for low-noise operation where practicable.
- Acoustic enclosures and or temporary noise barriers or site screening will be located around items of static plant and equipment to minimise noise impacts on neighbouring properties and sensitive receptors.
- Dedicated cutting stations enclosed with acoustic barriers will be implemented. This will be of particular importance during the façade SFS works. This will be of particular importance during the façade SFS works. The position of these cutting stations will be planned to avoid neighbours and the school where practicable.
- Care will be taken during the erection and dismantling of scaffolding to minimise impact noise from steel components.
- Where practicable site will endeavour to keep material storage areas away from the East and South boundaries which border the houses on Shooting Fields and the existing school (During phase 1).
- Materials and waste will be handled carefully to avoid unnecessary noise.
- No materials or waste will be dropped from height.
- Good housekeeping practices will be maintained to reduce unnecessary noise and dust associated with site activities.
- BAM's site management team will undertake daily site walks where potential sources of excessive noise and ensure that noise mitigation measures are being implemented effectively. Any issues identified during inspections will be addressed promptly, and corrective actions will be recorded where appropriate. Inspections will include:
 - Verification that plant is operating correctly and not generating excessive noise.
 - Confirmation that engines are not left idling unnecessarily.
 - Checks that acoustic covers, silencers and enclosures are in place and functioning.
 - Monitoring of housekeeping standards to minimise noise from materials handling.
 - Identification of any complaints, potential issues or opportunities to improve noise management.
- The project to follow a Don't Walk By policy, for all to report any concerns and address as appropriate and /or report to management.
- Demolition works of the existing school structure will take place during phase 2 of the works. BAM will undertake early engagement with demolition contractors to identify and agree phased works plans to minimise noise and disturbance to the projects neighbours.
- The demolition of the existing school will be carried out carefully using long reach excavators. Noise will be kept to a minimum as far as reasonably practicable however it should be expected.
- BAM site management will undertake regular noise monitoring at the site boundary to ensure excessive levels are not exceeded.
- The site will have solid screens or barriers erected around dusty activities or the site boundary that are at least as high as any stockpiles on site. There will be stockpiles on site as the new construction involves a cut and fill exercise of the existing ground material.

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- Cover, seed or fence stockpiles of material to prevent wind whipping.
- Keep site fencing, barriers and scaffolding clean using wet methods, to keep dust to a minimum.
- Remove materials that have a potential to produce dust from site as soon as possible, unless being re-used on site. If they are being re-used on-site cover as described below.
- Weather conditions, including wind speed and direction, will be monitored throughout the works. Activities with the potential to generate significant dust, such as demolition and excavation will be reviewed daily and modified where necessary during periods of high winds. Dust generating operations may be temporarily suspended if weather conditions are likely to result in dust causing nuisance to neighbours after all construction control measures have been implemented.
- All demolition works will be undertaken in a planned and controlled manner to minimise dust emissions. Structures will be demolished progressively, avoiding uncontrolled collapse.
- Dust suppression methods will be employed throughout the demolition and construction phases of the project. The following methods will be used as control measures:
 - Water bowsers fitted with spray bars.
 - Fine mist spray systems during demolition.
 - Mist cannons.
 - Hand-held hose sprays for localised dust suppression.
 - Damping down of haul roads, stockpiles and exposed surfaces during dry or windy conditions.
 - Damping down of demolition debris before handling or loading into skips. will be in place during the site clearance and demolition phases.
- Waste materials will be placed directly into designated skips wherever practicable. Skips containing dusty or friable materials will be covered or sheeted before leaving the site. Waste storage areas will be located within designated areas away from sensitive site boundaries where practicable.
- All skips and waste containers will be clearly labelled to identify their contents and to facilitate waste segregation. Waste will be removed from site regularly to prevent unnecessary accumulation.
- Stockpiles of soils, aggregates and other fine materials will be kept to the minimum size and duration reasonably practicable. Where there is a risk of dust generation, stockpiles will be:
 - Dampened down during dry weather.
 - Covered with sheeting where appropriate.
 - Located away from site boundaries and sensitive receptors where practicable.
 - Protected from disturbance during periods of high winds.
- The BAM Site Management team will undertake daily inspections of the site to identify dust-generating activities and verify that mitigation measures are effective. Inspections will include:
 - Visual monitoring of dust emissions across the site.
 - Inspection of the site boundary, particularly adjacent to occupied school buildings and neighbouring properties.
 - Inspection of local roads surrounding the site for dust or mud deposits.
 - Verification that dust suppression equipment is operational.
 - Review of weather conditions and implementation of additional controls where required.
- No burning of waste, vegetation, packaging or any other materials will be permitted on site at any time. All waste materials will be managed in accordance with the Site Waste Management procedures, the Waste Regulations (England and Wales) 2011, Hazardous Waste (England and Wales) Regulations 2005 and removed from site by appropriately licensed waste carriers to authorised waste management facilities.

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- Prior to demolition, a Refurbishment and Demolition Asbestos Survey will be completed by a UKAS-accredited asbestos surveying organisation. Any identified Asbestos Containing Materials (ACMs) will be removed by a licensed asbestos contractor, where required, in accordance with the requirements of the Control of Asbestos Regulations 2012 before general demolition commences. ACM removal will be undertaken under separate method statements and will not form part of the general demolition activities.

4.6 Water Pollution Prevention Measures

The following measures are to be put in place to ensure there are no pollution incidents:

- Oil and liquid chemicals are to be stored and handled as described in the Oil, Fuel and Chemical Storage section of this plan.
- A Site Incident Response Plan will be produced where quantities exceed 200ltrs.
- Plant nappies and drip trays will be used to prevent leaks from plant and vehicles from contaminating land.
- For larger pieces of equipment an impermeable area with controlled drainage will be used to prevent environmental incidents. This area will be located well away from controlled waters and surface water drains.
- Machinery should be inspected and evidence recorded on the Work Equipment Inspection Form. Additionally all leaks are to be reported for immediate action.
- Generators with external fuel tanks shall be operated in such a way so a hose burst will not result in an incident
- No waste water is to be pumped to any Controlled Waters or to any Foul or Surface Water Drains.
- An impervious concrete wash out area, consisting of a polythene lined skip, is to be constructed at the exit to the site. This is the only area where concrete wagons are permitted to wash out. The resulting waste water will be allowed to evaporate wherever possible.
- All surface water drains and watercourses will be protected using cut-off ditches or earth bunds, both at least 10 metres from the watercourse.
- Dust fencing will be erected to prevent dust from blowing into the watercourse.
- As a precaution an oil only marine boom will be installed to catch any oil or fuel in the event of an incident.
- Before disposing of significant volumes of contaminated water a test for contaminants will be undertaken and the water disposed as hazardous (special) waste if required.

4.7 Contaminated Land

- The spread of contaminants will be eliminated using the following methods:
 - Wheel wash
 - Damping down
 - Provide bunds, cut off ditches, or other means to control surface water
 - Install specific arrangements to control ground water movement and flow
 - Separate out contaminated materials and store safely.
 - Store the contaminated materials in a particular way, for example to prevent contaminants leaching into the ground or into a controlled water.
 - Monitor the atmosphere at the workplace and site boundaries for both dust levels and contaminants in the dust.
- Ground and surface water will be disposed of following a formal discharge consent from the local water authority or environmental agency.
- If any suspected contaminated ground is encountered during the works, this is to be reported to the site management.

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4.8 Other control measures

In addition to the above controls the following will be implemented on this site:

- Asbestos confirmed in demolition surveys — specific asbestos removal sequencing must precede demolition of EFA blocks.
- Ensure contaminated materials from demolition are segregated and stored away from playing fields.
- Ensure safe separation between construction activity and exam hall access routes.
- Coordinate all utility diversions (UKPN, gas for science labs, water, foul, RWH) before demolition of dependent buildings.
- Maintain emergency access via both Horsham Road and Shooting Fields through all phases.

4.9 Training

The following measures will be employed to ensure the Environmental Aspects and Controls are communicated to the relevant site personnel.

- Control measures noted above, along with details of the Resource Management Plan will be communicated to all Site Operatives at their initial Site Induction.
- An Environmental Notice Board in the site canteen will contain the following information:
 - BAM Environmental Policy Statement.
 - Relevant Environment Posters.
 - The latest relevant BAM Environmental Bulletin.
 - Site Incident Response Plan (SIRP) for oil.
 - Toolbox talks and/or other information relevant to the project.
 - Performance against, energy, water and waste targets.
- Environmental Toolbox Talks relevant to site activities will be conducted once per month. Ecology toolbox talks will be undertaken based on the findings and recommendations for protection of ecological features highlighted within the Suitably Qualified Ecologist's report.
- Toolbox talks on:
 - Works adjacent to school environment
 - Tree protection
 - Archaeological watching brief procedures
 - RWH system protection
 - Utilities diversions hazards
 - GSHP drilling safety
 - Plant and Vehicle Movements
 - Traffic Safety
 - Slip, Trips and Falls
 - Manual Handling
 - Working at Height
 - Dust
 - Noise
 - Vibration.

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4.10 Emergency Procedures

- A Site Incident Response Plan is to be displayed at all storage locations where 200 litres or more of a possibly polluting substance is to be stored.
- GSHP Drilling Emergency Plan:
 - Loss of drilling fluid
 - Borehole collapse
 - Uncontrolled artesian water
 - Groundwater contamination → isolate area, environmental sampling, notify EA
 - Emergency routing plan as per Construction Phase Plan's fire/emergency access diagrams.

4.11 Resource Management Plan

A Resource Management Plan (RMP), which complies with the requirements of the Site Waste Management Plan Regulations where they apply, has been drawn up.

The RMP has been produced to ensure that resource efficiency measures have been taken and that all waste from this site is to be managed appropriately and dealt with in accordance with Section 34 of the Environmental Protection Act 1990 (Waste Duty of Care) and the Environmental Protection (Duty of Care) Regulations

Included in the RMP we will;

- Track waste from borehole spoil, demolition arisings, and temporary car park constructions via SmartWaste.
- Segregate tree arisings (deadwood from U-category trees) for biodiversity reuse where safe.

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