

<p align="center"><u>ETEC CONTRACT SERVICES LTD.</u></p> 			
<p align="center">Construction Environmental Management Plan (CEMP)</p>			
<p align="center">Construction Phase Safety, Health and Environment Plan</p>			
DATE: 21 st September 2025		Revision 001	
Contract Name	Wythenshawe Park Sports Hub	Contract No.	J2976
Contract Address	Wythenshawe Park Wythenshawe Road Manchester M23 9RQ	What3Words Geo Location	jumpy. salt. custom

Client	Environmental Manager	Principal Designer	Principal Contractor
Manchester City Council	Arbtech	Abacus	Etec Contract Services Ltd
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1. Introduction to Etec's CEMP

This CEMP has been prepared to outline the procedures and controls to mitigate environmental risks during construction works at Wythenshawe Park Sports Hub. It draws upon the Arboricultural Method Statement (AMS) prepared by Arbtech Consulting Ltd (Ref: Arbtech AMS 01 Rev A, dated 26/09/2025), in accordance with BS5837:2012.

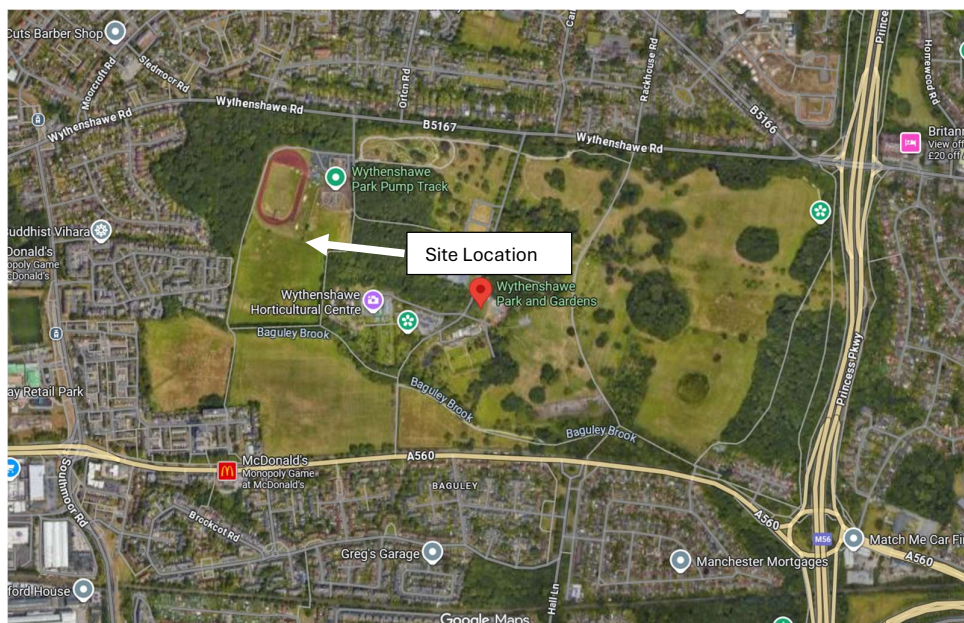
2. Key Objectives of this CEMP

- Protect retained trees and vegetation throughout the development.
- Mitigate environmental and ecological risks.
- Ensure legal compliance (e.g., Wildlife & Countryside Act 1981, BS5837:2012).
- Define site protocols for environmentally responsible site operations.
- Outline the roles and responsibilities for environmental protection.

3. The Wythenshawe Site and Existing Conditions

The development site is located within Wythenshawe Park and includes existing mature trees and hedgerows. The AMS identifies numerous trees of varied quality and retention value (Categories A, B, C, U). The site is subject to potential ecological constraints, including nesting birds and bat roost potential. Bagley Brook runs along the southern boundary of the site, presenting a sensitive watercourse that requires active protection during the construction of the leisure centre. The park lies within 400 metres of a residential housing estate, which presents potential risks to construction-related dust and noise pollution.

Wythenshawe Park is located within a residential area to the South of Greater Manchester. There is a housing estate to the north, south and west of the site. The nearest property is approximately 450m away. The park hosts 100s of visitors per day who arrive by foot, bike or car.



4. Environmental Constraints & Risk Register

Feature	Risk	Control Measure
Retained Trees	Damage from machinery or materials	Protective fencing, signage, exclusion zones
RPAs	Compaction or root damage	Ground protection, supervised excavation
Protected species	Harm/disturbance to birds/bats	Pre-works ecological survey, nesting season avoidance
Pollution	Contamination from spills	Bunded storage, designated washout areas
Water courses (Bagley Brook)	Runoff, sedimentation, or contamination	Silt fencing, spill kits, regular inspections, no washout near the brook
Residential Properties	Dust and noise pollution	Dust suppression, restricted working hours, noise barriers

5. Arboricultural Protection Measures

5.1 Tree Protection Fencing

Tree protection fencing will be installed before any site clearance and constructed in line with BS5837:2012 standards, using Heras-type fencing or an approved equivalent. Fencing will be positioned according to the Tree Protection Plan and clearly marked with signage stating "Tree Protection Area – Keep Out" to ensure visibility and compliance.

5.2 Root Protection Areas (RPA)

- No entry without prior approval from the Project Arboriculturist.
- No excavation or level changes permitted unless stated in the AMS.

5.3 Ground Protection

- Use of cellular confinement systems, scaffold boards or matting where temporary access within RPAs is required.

6. Ecological Protection Measures

- Tree inspections prior to felling/pruning for the presence of nesting birds or bats.
- If any are found, work must stop, and an ecologist must be contacted.
- Timing of tree works to avoid nesting season (March to August).
- All tree works to follow BS3998:2010.

6.1 Bat Survey Findings

- A confirmed bat roost is present within the building (maintenance unit) following Bat Emergence and Re-entry Survey (BERS) on 8th May 2025.
- Ten separate emergences were recorded, confirming use of the structure by roosting bats.
- It is a criminal offence to damage or disturb the roost without a Natural England licence.
- A total of three surveys is required to support a licence application.

- Works impacting the roost are subject to seasonal constraints and ecological supervision.
- Mitigation and compensation will depend on the roost type/species and will be detailed in the Natural England licence.
- A 2km Biological Records Data (BRD) search is required to support the licence and can be sourced via the Greater Manchester Local Record Centre.

6.2 Breeding Birds

All wild birds, their nests, and eggs are protected under the Wildlife and Countryside Act 1981. As such, site activities must avoid disturbing active nests during the breeding season, which typically runs from March to August inclusive.

- Pre-Works Surveys
 - Before any vegetation clearance, tree felling, or demolition works during the breeding season, a nesting bird check will be carried out by a suitably qualified ecologist.
 - If active nests are found, an appropriate buffer zone (typically 5–10 metres) will be established around the nest.
 - No works will be permitted within the buffer zone until confirmation by the ecologist that the nest is no longer in use.
- Timing of Works
 - Where practicable, vegetation clearance and demolition will be scheduled outside of the bird breeding season to minimise ecological risk.
 - If works must occur within the breeding season, strict supervision and ecological checks will be enforced.
- Protection Measures
 - All operatives will be briefed through toolbox talks on:
 - Legal protections for nesting birds.
 - How to identify potential nesting sites.
 - Steps to take if a suspected nest is found during works.
- Escalation Procedure
 - If a nest is discovered during work, the site manager will be notified immediately, and work will cease in the area.
 - The ecological clerk of works (ECoW) will assess and determine next steps.
 - Records of any findings and actions taken will be documented in the site environmental log.

7. Site Management

7.1 Environmental Roles & Responsibilities

Role	Responsibility
Site Manager – Etec CS	Overall environmental compliance
Project Arboriculturist - Arbtech	Oversee tree protection, supervise high-risk works
Ecological Clerk of Works- Arbtech	Provide ecological advice, perform checks
All operatives	Adhere to site environmental rules, attend toolbox talks

7.2 Inductions & Toolbox Talks

- All staff to receive induction covering environmental protection.
- Toolbox talks on:
 - Tree protection and fencing.
 - Wildlife legislation.
 - Spill response procedures.
 - Watercourse protection and Bagley Brook buffer protocols.
 - Dust suppression methods and resident awareness.
 - Noise mitigation responsibilities.

8. Sequencing of Tree-Related Works

1. Pre-construction arboricultural inspection.
2. Install tree protection fencing and signage.
3. Tree works (removals and pruning) by qualified arborists.
4. Erection of temporary ground protection.
5. Construction operations.
6. Final arboricultural inspection.
7. Removal of fencing.
8. Landscaping and tree planting.

9. Construction Phase Controls

- Machinery Access: No plant within RPAs without approved ground protection.
- Storage Areas: Located outside RPAs and fenced zones.
- Excavation near trees: Supervised by Arboriculturist; hand tools or air spade only.
- Concrete Washout/Spill Management: Containment bunds, spill kits on site.
- Watercourse Protection (Bagley Brook):
 - Maintain a 10m buffer from Bagley Brook for all plant, materials, and excavations.
 - Install temporary silt fencing along the boundary.
 - No discharge or concrete washout within 15m of the brook.
 - Spill kits located adjacent to any refuelling or chemical storage areas.
 - Site manager to perform daily inspections of the buffer and fencing.
 - Emergency procedures in place to contain and report any pollution events.

- Asbestos
 - An asbestos survey will be obtained before demolition of the Weightlifting / Changing Room building
 - Asbestos awareness training/toolbox talk has been given to all site operatives to raise their awareness of asbestos and to help them identify suspicious materials that could be asbestos during soft strip and demolition works.
 - Works will cease immediately, with the area cordoned off where suspected asbestos materials would be discovered during works on site.
 - NOTE: Where required, asbestos-containing materials will be removed from the site by the appointed contractor, and a consignment note will be obtained from the contractors before any construction works commence by Etec.
- Dust Control Measures:
 - Use of water suppression (e.g. misting, damping down) during dry periods.
 - Wheel wash facilities at egress points.
 - Covered skips and material stockpiles.
 - Roads and hard standings to be regularly swept.
 - Monitoring of wind direction to reduce drift toward residential areas.
- Noise Control Measures:
 - Noisy operations restricted to working hours: 08:00–18:00 (Mon–Fri), 08:00–13:00 (Sat), with no work on Sundays/Bank Holidays.
 - Plant fitted with silencers and acoustic covers.
 - Use of temporary acoustic barriers or hoarding along the residential boundary.
 - Toolbox talks to reinforce site-wide noise awareness.

10. Landscaping and Restoration

- All landscaping works to follow BS4428 and AMS recommendations.
- Replacement planting to compensate for tree removals. Refer to the landscaping design, which includes additional tree planting and wildflower meadows to the south of Bagley Brook in line with the BNG requirements.
- Maintenance period of 5 years minimum for new trees.

11. Monitoring, Supervision & Reporting

- Arboricultural inspections at key stages:
 - Before construction
 - During critical works (e.g. excavations near trees)
 - After construction
- Inspection reports to be logged and made available for audit.
- Non-compliance to be recorded and rectified immediately.
- Daily inspection checklist to include:
 - Tree fencing and ground protection
 - Bagley Brook buffer compliance
 - Dust generation areas
 - Noise levels near residential boundaries

12. Waste Management

Effective waste management is critical to minimising the environmental impact of the construction phase. All waste generated during the works will be managed in accordance with Etec Contract Services' standard procedures, relevant legislation, and site-specific requirements.

Waste Management Objectives

- Prevent unnecessary waste generation.
- Maximise reuse, recycling, and material recovery.
- Ensure legal and responsible disposal of non-recyclable waste.
- Maintain a clean, organised, and safe site.

Waste Segregation and Handling

- Waste will be segregated at source into categories such as:
 - Inert waste (e.g. concrete, bricks)
 - Non-hazardous waste (e.g. timber, packaging)
 - Hazardous waste (e.g. asbestos, contaminated soils)
- Clearly labelled skips and containers will be provided on-site for each waste stream.
- All site personnel will receive toolbox talks on proper waste handling and segregation protocols.

Hazardous Waste Management

- Any hazardous materials (e.g. asbestos identified during demolition) will be handled and disposed of by a licensed contractor.

- All hazardous waste movements will be recorded with appropriate consignment notes.
- Storage of hazardous materials will follow Control of Substances Hazardous to Health (COSHH) guidelines with bunded containment where applicable.

Waste Removal and Documentation

- All waste carriers will be licensed with the Environment Agency.
- A Waste Transfer Note (WTN) or Consignment Note will be provided for every load leaving the site.
- A Site Waste Management Log will be maintained and audited regularly by the Site Manager.

Waste Minimisation Initiatives

- Use of prefabricated components to reduce site waste.
- Take-off reviews and efficient material ordering to avoid over-supply.
- Returnable packaging and supplier take-back schemes where available.

Monitoring and Reporting

- The Site Manager will conduct weekly checks on waste segregation, storage, and housekeeping.
- Non-compliance will be logged, addressed, and escalated as necessary.
- Waste volumes and recycling rates will be recorded and reported to the client as part of site environmental monitoring.



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13. Labour Resourcing

Etec's social value commitment to create a cleaner, greener, fairer and more prosperous borough includes the following initiatives.

In addition to our existing management team, we will be employing the following local professionals to assist to the management and delivery of the project.

Site Based Local Employment (Full Time)

- 1no. project manager
- 1no. site manager
- 1no. commercial surveyor
- 2no. site labourers
- 1no. traffic / logistics manager

In addition to the above we will offer the following tendering opportunities to local businesses in or around Wythenshawe / Manchester areas

Subcontract Tender Packages

- Ground Works
- Steel Frame
- External Windows and Doors
- General Building / Brick Work
- Roofing
- Drylining
- Painting
- Carpentry / Joinery
- Flooring
- Landscaping