# Construction Management Plan

# New Lidl Store
# Chorlton
# Manchester
# M21 7AA

Prepared by: Safetyform – 20th June 2024

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# Project Quality Assurance Information Sheet

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| **Construction Management Plan** | Draft |
| Report No | Lidl – CMP Chorlton |
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# 1.0 INTRODUCTION

## 1.1 Appointment

1.1.1 Lidl GB Ltd have prepared the Construction Management Plan for the New Lidl Store at Mauldeth Rd W, Chorlton-cum-Hardy, Manchester, M21 7AA.

1.1.2 Site location plan is presented at Appendix A.

## 1.2 Proposed Development

It is understood that the site currently has approved matters reserved subject to the following conditions/directives.

1.2.1 To satisfy item 4 of planning conditions of application No: 130189/FO/2021 which states:

"No development shall take place, until a construction management plan or construction method statement has been submitted to and approved in writing by the Local Planning Authority. The approved plan/statement shall be adhered to throughout the construction period. The plan/statement shall provide for:

- A construction programme including phasing of works.
- 24-hour emergency contact number.
- Expected number and type of vehicles accessing the site.
- Deliveries, waste, cranes, equipment, plant, works, visitors.
- Size of construction vehicles.
- The use of a consolidation operation or scheme for the delivery of materials and goods.
- Phasing of works.
- Means by which a reduction in the number of movements and parking on nearby streets can be achieved (including measures taken to ensure satisfactory access and movement for existing occupiers of neighbouring properties during construction): Programming; Waste management; Construction methodology; Shared deliveries; Car sharing; Travel planning; Local workforce; Parking facilities for staff and visitors; On-site facilities; A scheme to encourage the use of public transport and cycling.
- Routes for construction traffic, avoiding weight and size restrictions to reduce unsuitable traffic on residential roads.
- Locations for loading/unloading, waiting/holding areas and means of communication for delivery vehicles if space is unavailable within or near the site.
- Locations for storage of plant/waste/construction materials.

- Arrangements for the turning of vehicles, to be within the site unless completely unavoidable.
- Arrangements to receive abnormal loads or unusually large vehicles.
- Swept paths showing access for the largest vehicles regularly accessing the site and measures to ensure adequate space is available.
- Any necessary temporary traffic management measures.
- Measures to protect vulnerable road users (cyclists and pedestrians).
- Arrangements for temporary facilities for any bus stops or routes.
- Method of preventing mud being carried onto the highway.
- Methods of communicating the Construction Management Plan to staff, visitors and neighbouring residents and businesses. Manchester City Council encourages all contractors to be 'considerate contractors' when working in the city by being aware of the needs of neighbours and the environment. Membership of the Considerate Constructors Scheme is highly recommended.

1.2.2 Access to the site is anticipated to be from August 2024 and is expected to run for 8 months.

## 1.3 Objective and Scope of Work

1.3.1 The objective and scope of the Construction Management Plan has been based on the information provided within the planning permission (see above 1.2.1), all available site information and Lidl GB Ltd's experience.

1.3.2 The Construction Management Plan will cover both the construction and operational phases of the development and will set out mitigation measures to safeguard the living conditions of neighbouring residents arising from the development of the site. The CMP will be submitted to the local authority for approval prior to the commencement of the development works.

## 1.4 Limitations

1.4.1 The conclusions and recommendations presented in this report are the result of our professional interpretation of the information currently available. Lidl GB Ltd reserves the right to amend the conclusions and recommendations if further information becomes available.

# 2.0 SITE DETAILS & CONTACTS

## 2.1 Site Location

The site is located: **Mauldeth Road West, Manchester, M21 7AA.**

## 2.2 Roles and Responsibilities

2.2.1 This section describes the environmental roles and responsibilities of key members of the project team and provides contact details for the relevant personnel. The Contractor shall assign individuals to each of the roles and responsibilities outlined below:

**Business Director**

- Take responsibility for the overall environmental management process and champion all areas of environmental management.

- Ensure that appropriate resources are in place to effectively implement the CMS and deliver all legal requirements and the requirements outlined in the planning conditions.

**Site Manager**

- Ensure that appropriate resources are in place to effectively implement the CMS and ensure that all legal requirements and planning conditions are identified and met.
- Develop and review the CMS throughout the construction process to ensure it remains relevant and effective in identifying and managing risks.
- Monitor construction activities and performance to ensure compliance with the CMS and that hazards are identified and appropriate control measures are being effective.
- Ensure delivery of training to personnel within the project team.
- Act as a main point of contact between the regulatory authorities and the project on any issues that arise.
- Manage investigation and resolution of complaints in accordance with the Lidl GB Ltd Complaints Protocol.
- Ensure correct procedures are followed in case of an accident or incident.
- Encourage site personnel to report near misses, and ensure effective measures are taken to prevent a re-occurrence.
- Ensure method statement, risk assessments and COSHH assessments are available prior to works commencing and adequate control measures are identified.

**Principal Contractors Health & Safety Manager**

- Conduct weekly health, safety and environmental inspections incorporating compliance with planning conditions, recording findings of the inspections and taking appropriate action where necessary.
- Ensure fortnightly toolbox talks are carried out and include but not limited to the control of noise, dust, housekeeping, traffic management and maintaining of the public highway.
- Check the site hoarding and gates to ensure they remain in good condition and fit for purpose.
- Ensure the site is left in a safe condition.
- Implement and maintain effective health, safety and environmental controls on site including an auditable record filing system.

**Site Staff & Sub**

**Contractors**

- Comply with direction given in the Site Induction and proactively approach health, safety and environmental issues whilst on site.

- Be fully aware of the site rules and procedures for mitigating risks to neighbouring residents and if they have any questions they should be directed towards the Site Manager.

# 3.0 TRAINING & COMMUNICATION

## Table 1: Roles & Responsibilities

| Role | Name | Address | Telephone |
|---|---|---|---|
| Client | Stuart McAree | **Lidl UK GmbH,**<br>Manor Park<br>Blackheath Lane<br>Runcorn<br>WA7 1SE | Office: 01928 532 891<br><br>Mob: 07971 440 240<br><br>Email:<br>stuart.mcaree@lidl.co.uk |
| Principal Contractor | TBC | | |
| Site Manager | TBC | | |
| Community Liaison for Lidl GB Ltd | Stuart McAree | **Lidl UK GmbH,**<br>Manor Park<br>Blackheath Lane<br>Runcorn<br>WA7 1SE | Office: 01928 532 891<br><br>Mob: 07971 440 240<br><br>Email:<br>stuart.mcaree@lidl.co.uk |

3.1 All site personnel with health, safety and environmental responsibilities shall be suitably trained and qualified. If additional specific training requirements are needed, it is the responsibility of the site management to ensure these needs are met at the earliest possible opportunity.

3.2 A project specific training plan shall be produced to ensure personnel allocated with environmental responsibilities are competent to carry out their duties.

3.3 As a minimum, all staff and site personnel will receive a health, safety and environmental briefing as part of their site induction. The induction given to site personnel shall include a general overview of site-specific environmental issues and issues that may affect neighbouring residents, as well as details of how these issues shall be managed.

3.4 Supervisors will support information provided at induction through completing briefings and ‘toolbox talks’ prior to specific activities commencing.

**Communication & Consultation**

3.5 Communication during the construction phase will be vital to co-ordinate activities on site, to inform the general public of the scale of works and to liaise with statutory bodies.

3.6 On-site communication will be conducted through two main practices: formal health, safety and environmental meetings and informal communication. The format will be fortnightly meetings chaired by the site manager and attended by all relevant personnel.

3.7 The purpose of these meetings will be to continuously review the CMS and to co-ordinate any short-term activities which pose environmental risks and risk to neighbouring residents. Minutes will be taken at each meeting and recurring issues will be brought up at each meeting.

3.8 Informal communication will occur daily and will inform all staff of recent issues and any environmental risks associated with ongoing construction works.

3.9 Public communication will serve to inform local residents and businesses of new or future operations which may have an effect on the public and their surroundings.

3.10 Proposals to mitigate any disruptive construction should be communicated effectively to the public in order to maintain good relations. It will be the responsibility of the site manager to communicate with the public through letter drops and community liaison meetings. Contact details of personnel carrying out the development will also be provided to the public should any issues arise.

3.11 Communication with statutory bodies will be required in order to achieve consent and/or licenses to carry out works. It will be the responsibility of CHC to ensure that any licenses are in place prior to work commencing.

# 4.0 ENVIRONMENTAL AND HEALTH AND SAFTY MANAGEMENT

4.1.1 All work will comply will PPG1 Environment Agency Guidelines.

4.1.2 Environmental Considerations and Potential Impacts.

4.1.3 There are several potential environmental issues associated with the site construction (site preparation & construction works) and the operational phase of the new development.

4.1.4 The National Planning Policy Framework (NPPF) requires a duty to 'ensure that any unavoidable noise, dust and particle emissions and any blasting vibrations are controlled, mitigated or removed at source. '

4.1.5 The following issues have been identified through the assessment of the planning permission and Lidl GB Ltd's experience. They are cognoscente of the NPPF and are listed in the following table along with receptors sensitive to the issues and health, safety and environmental considerations and impacts.

*Table 2: Summary of Effects of the Construction Activities and Associated Vehicle Movement upon the Living Conditions of Neighbouring Residents and Highway Safety*

| Hazard | Persons at Risk | Sources |
|---|---|---|
| Noise | Construction Phase: Construction workers and residents in surrounding property and nearby business and general public | Increased road noise levels from vehicles i.e. site deliveries of plant and materials (HGVs)<br><br>Increased noise levels from use of plant and equipment during construction activities<br><br>Loud radios and offensive language |

| | | |
|---|---|---|
| Means of Enclosure of the Construction Site | Construction Phase: Construction workers and residents in surrounding property and nearby business and general public. | Unauthorised entry onto site resulting in accident/incident, theft<br><br>Access onto site by Children - residential area in proximity to site<br><br>Lack of control of site personnel on to site, failure to attend inductions and receive specific health, safety and environmental information.<br><br>Debris and dust blown outside the perimeter of the site boundary. |
| Dust Emissions | Construction Phase: Construction workers, residents and business' in the surrounding area and general public. | Wind-blown dust from site clearance/earthworks.<br><br>Dust derived from compressed mud deposited on the public highway by construction vehicles.<br><br>Dust derived from the movement of vehicles on site.<br><br>Dust emissions as a result of use of abrasive wheels and woodworking equipment. |
| External Security Lighting | Construction Phase: Residents and local business in the surrounding area could be affected by light pollution associated with construction and remediation work at the site. | Light associated with construction and remediation work.<br><br>Security lights at the site during nighttime hours.<br><br>Lights left on out of working hours causing a nuisance neighbouring residents. |

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| Deposition of Mud or Debris on the Highway | Construction Phase: Construction workers, residents and business' in the surrounding area and general public. | Mud carried on to the highway as a result of dirty wheels from vehicles leaving site.<br><br>Objects falling from vehicles when leaving and entering site – failure to secure load, overloading etc.<br><br>Litter caused by site operatives.<br><br>Debris blown from within the site boundary. |
| Routing of Contractors Vehicles | Construction Phase: Construction workers, residents and business' in the surrounding area and general public. | Increased volume of vehicles on to public highway such as deliveries, site personnel causing congestion, potential increase in accidents.<br><br>Congestions causing delays to local residents, surrounding business and emergency services. Obstruction/limited parking for local residents and surrounding business. |

Details of the site preparation, groundwork and construction stages of the works and the likely number and type of vehicle movements involved.

Vehicle movements and deliveries will vary at specific times of the project due to the nature of the works being undertaken on site at the various stages of the project, such as ground clearance, waste removals, material deliveries, etc.

We estimate the number of vehicles by work stages below. Please note that these are estimations only based on previous projects and these figures may vary slightly up or down.

| Work Stage | Number of Vehicles (per day) to and from site | Duration | Type of Vehicles |
|---|---|---|---|
| Ground preparation and clearance. | 8 - 10 | 4 weeks | HGV<br>Transit vans |
| Store slab preparation & install | 20 for the day of the pour only then down to less than 10 | 4 weeks | HGV waste vehicles & concrete wagons<br>Transit vans |
| Structural steel and cladding install | | 4 weeks | |
| 1st & 2nd Fix M&E | 5 – 10 | 8 weeks | Delivery vehicles<br>Transit vans |
| Internal fit-out | 10 – 15 | 3 weeks | Delivery vehicles<br>Transit vans |
| Merchandising | 10 – 20 | 1 week | Delivery vehicles<br>Transit vans |

# 5.0 GENERAL MITIGATION MEASURES

5.1 In order to minimise the disturbance caused by the potential issues highlighted in table 2, the following general mitigations for each issue have been put forward for use.

5.2 However, it should be noted that the further site-specific assessment for each of the issues identified will be undertaken to ensure that the potential risks are fully understood, and appropriate mitigation measures employed.

## 5.3 Mitigation Measures

**Noise:**

- On site noise levels shall be monitored regularly, particularly when changes in process' are required or in response to complaints. The monitoring shall be carried out in accordance with the guidance set out in Annex E of BS5228: Part1:2009. Noise readings taken will be recorded.

- Any compressors or pneumatic tools brought onsite should be silenced with mufflers or sound reduced models fitted with acoustic enclosures.

- No construction deliveries shall be programmed to arrive during construction hours of 8.00-9.30 and 14.30-18.00 Monday-Friday to avoid peak network hours. Construction deliveries shall arrive outside of these hours Monday-Friday, 8:30-13:00 on Saturdays and no deliveries on Sundays/bank holidays. This will appear of the site purchase order.

- Care will be taken when unloading vehicles to minimise noise and delivery vehicles will be prohibited from waiting within the site with their engines running.

- All machinery shall be adequately maintained and operated according to manufacturer's instruction in such a manner as to avoid causing excessive noise.

- All plant and equipment will be checked prior to use to ensure the equipment is in good working order, operators of equipment will be advised not to use the equipment until it has been repaired or replaced and that all defects should be immediately reported to site management.

- Equipment and plant of low noise emission levels will be selected where possible.

- All machinery shall be sited so that the noise impact at nearby noise sensitive properties is minimised.

- Sound reducing barriers shall be erected as necessary to shield particularly noisy activities.

- Plant and equipment will be switched off when not in use.

- Project working hours shall be limited to 08.00 to 18.00 Monday to Friday and 8.30 to 13.00 on Saturday. Particularly noisy activities should be carried out during daylight hours. No works will be permitted on Sundays or Bank Holidays.

- Regular Noise toolbox talks will be carried out throughout the duration of the
- contract.

- Radios will not be permitted on site and a code of conduct will be communicated to all site personnel covering the use of load or offensive language.

**Means of Enclosure of the Construction Site**

- A solid wooden hoarding will be erected around the site prior to the main construction phase commencing and this will remain in position unit the programme of works dictates otherwise and during this time a combination of permanent and temporary fencing will also be used.

- The enclosure will provide a means of securing the site and also segregates the work activity from neighbouring residents and buildings.

- Pedestrian and vehicle access gates onto site will be locked at all times to prevent unauthorised access.

- A gate person will be appointed to ensure no unauthorized persons enter site.

- Health and Safety signage will be displayed on the site hoarding asking all visitors and delivery drivers to report to the site office and no unauthorised persons are permitted on site.

- The condition of the hoarding and gates will be checked on a daily basis to ensure they remain in good condition.

- CCTV will be installed as the site activities progress.

- Security arrangements will be monitored daily, and appropriate action taken where necessary should any issues of trespass arise.

Site Plan showing the site hoarding lines in Red and the site access gates in Green.




It is proposed that the new access point into the site will be at the point as located on the above site map in Green. Access will be maintained at all times throughout the construction phase to the nearby Mosque located next to the site.

Wheel washing facilities will be located at the gate as shown in Yellow in the site plan above. All vehicles will undergo a wheel wash prior to leaving the site.

**Dust Emissions**

- All vehicles, plant and equipment must have engines turned off when they are not in use.
- Catalytic Converters should be fitted on all traffic associated with the construction work.
- Limiting the speed of site vehicles to 5 mph.
- Notify Project Manager if work activities are contributing to poor air quality.
- Topsoil stockpiles should be sealed and seeded.
- Sheeting of vehicles transporting materials to and from the site.

- Apply a coarse gravel surface to the whole road, where considered appropriate.

- Wheel washing facilities such as a jet washer will be located at the entrance and exit points of the site to minimise mud on public roads.

- Wheel washing facilities will be located at the access gate for the cleaning of vehicles before leaving the site. All vehicles must undergo wheel washing before leaving the site to reduce mud on local roads.

- Wheel washing of local roads will be deployed by road sweeper as mud is deposited on local roads and not at the end of each day.

- Damping down of haul roads, particularly in dry conditions where mud from roads can be crushed by moving vehicles and turned into airborne particulate material.

- Provision for a project weather station to record data such as wind (speed and direction), precipitation, temperature etc.

- Water suppression systems and dust extraction systems shall be used on small items of equipment used on site.

- All gullies both new and old will be covered with silt bags to prevent contamination of water sources during the project.

- Signs will be made available on site which read “Mud on Road” or “Caution Slippery Road” and will be deployed at the first sign of mud on the road.

- Signs will also be made available and displayed on a daily basis and located on approach roads to the site entrance which will read “Caution Site Entrance Ahead”.

**External Security Lighting**

There is the potential for poorly aimed or controlled lighting to intrude or irritate local residents, particularly during darker months. Below is a list of mitigations that can be used to control, remove and mitigate light pollution:

- Artificial Site lighting for the construction works will be sensitivity positioned and directed, taking into account the neighbouring residential buildings.

- Project working hours shall be limited to 0800 to 1800 Monday to Friday and 8.30 to 14.00 on Saturday. This will prevent the more severe element of intrusion, i.e. sleep deprivation, being realized.

- No works will be permitted on Sundays or Bank Holidays.

- Lights will be switched off when they are not needed. This will include periods outside of normal site working hours.

- Daily checks should be done to ensure no lights left on overnight.

- Any security lighting will be kept to a minimum at all times and powered by mains supply.

**Deposition of Mud or Debris on The Highway**

- Wheel washing facilities such as a jet washer will be located at the entrance and exit points of the site to minimise mud on public roads.

- Regular use of road sweepers at access points and on local roads (to remove mud from public highways).

- The highway adjacent to the site will be checked regularly throughout the day by the gate person, any issues will be immediately reported to the site manager and dealt with immediately.

- Vehicles will be checked prior to leaving to ensure they are not overloaded and where deemed necessary, covered to prevent the risk of falling debris.

- A toolbox talk on maintaining the public highway will be given throughout the duration of the project.

## Routing of Contractors Vehicles

Contractors and site delivery vehicles will be advised to access the site from Nell Lane, then into the site approach.

- This information will be contained within site purchase orders issued to suppliers and sub-contractor orders.
- A site-specific traffic management plan will be drawn up and communicated to all site personal and visitors to site during the site induction.
- The traffic management plan will be amended to reflect any changes as a result of the work activities, any changes will be communicated to site operatives via toolbox talk.
- A copy of the traffic management plan will be displayed on the site hoarding on entry to the site.
- The gate person will watch out for vehicles and deliveries approaching the site and ensure they are brought onto the site in a timely manner and directed accordingly.
- A toolbox talk on the safe use of vehicles and traffic management will be carried out throughout the duration of the project.

## 6.0 FURTHER COMMENTS

6.1 All works will follow the Environment Agency Guidelines:

- PPG1 General Guide to preventing pollution.
- PPG6 Working at demolition and construction sites.

6.2 Every Risk Assessment and COSHH Assessment from all subcontractors shall be reviewed to ensure that they comply with policy and current legislation, no subcontractor will be allowed to start until a Method Statement, Risk Assessment and COSHH Assessment is agreed.

6.3 There will be sufficient on-site parking provided for all contractors. Parking will only be permitted inside the site confinement and in designated parking areas.



6.4 No loading or unloading activities of materials will be permitted to take place on the adopted highway, namely Nell Lane.

6.5 Delivery vehicles shall not at any time block access/egress for residents. For larger deliveries the site manager will be required to agree in advance with suppliers for wagon drivers to park safely away from the site and phone the site in advance and await call up.

6.6 Although loading and unloading on the adopted highway of Nell Lane is not permitted, at times there may be no alternative. In this instance the PC must first seek approval from the local highways authority in order to implement any traffic management arrangements to cater for loading and unloading activities on the highway.

6.7 The PC will not permit HGV's to que on local residential roads or key route networks, namely on Nell Lane to gain access to the site. Access to the site must be pre-arranged with the site manager. A safe off-site location for short term parking can be found at Trafford Park truck stop.

6.8 All vehicles used on site for the moving of on-site materials will comply with the Traffic Signs Manual Chapter 8 and will be fitted with hazard lights and reflective markings.

**Construction Traffic Routes to site**

To comply with this condition the Principal Contractor will follow the route to which all traffic will be required to take when attending/leaving the site to avoid congestion on local roads, as described below.

Access to the site will be gained by accessing the site off Nell Lane

Contractors and delivery drivers will be made aware of these requirements when appointed or when materials are purchased from suppliers.

Continual monitoring of the required access route will be made by way of questionnaire upon entry to site.

Materials brought to site will do so only when required by the task to be carried out, so as to avoid overloading the site with unnecessary material storage throughout the construction phase and reducing the space on site for other specific use.

Materials will only be loaded and unloaded inside the confines of the site hoarding in a designated area of the site and stored within the site compound upon arrival unless they are required to be set down elsewhere on site for ease at the point of use.

Contractors and site delivery vehicles will be advised to access the site using the following route where possible to avoid congestion on local roads:

- Leave the M60 at Junction 5 and head onto Princes Parkway.
- Continue on A5103 Princes Road.
- Turn left onto Mauldeth Road West.
- Drive 1.6km until the junction of Nell Lane.
- Turn right into Nell Lane and immediately turn right into the site.
- When leaving, use the reverse of the above route.

# 7.0 CONSEQUENCES OF INADEQUATE HEALTH, SAFETY AND ENVIRONMENTAL MANAGEMENT

Below is a brief list of consequences which can arise if best practice and general mitigations are not applied to each of the aforementioned issues.

*Table 3: Summary of Consequence for Inadequate Management*

| Hazard | Risk | Controls |
|---|---|---|
| Oil Spill from plant & machinery | Contamination of water course by way of running over hard surfaces or through drains as a pathway. | • Maintain plant & machinery in good working order by way of regular maintenance checks.<br>• Provide spill kits for cleaning up in event of spillage.<br>• Remove hard standing areas early in the project.<br>• Cover all drains on site to reduce risk of contamination.<br>• Store oils in bunded area. |
| Dust Emissions | Wind-blown dust from site clearance/earthworks<br><br>Dust derived from compressed mud deposited on the public highway by construction vehicles.<br><br>Dust derived from the movement of vehicles on site.<br><br>Dust emissions as a result of use of abrasive wheels and woodworking equipment. | • Reduce dust at source by damping down (not soaking so as to form run-off into drains).<br>• Maintain clean and tidy site.<br>• Wash wheels in designated wheel wash area before vehicles leave site.<br>• Use dust bags to capture dust at source from cutting tools.<br>• Reduce vehicle movement on site to minimum.<br>• Remove waste from site on a regular basis. |

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| Run-off from exposed ground/stockpiles | Risk of silt pollution which may harm the quality of the water and damage or kill aquatic life. | • Minimising the amount of time stripped ground and soil stockpiles are exposed.<br>• Only removing vegetation from the area that needs to be exposed in the near future.<br>• Seed or covering stockpiles.<br>• Use geotextile silt fencing at the toe of the slope, to reduce the movement of silt; this should be installed before soil stripping has begun and vehicles start tracking over the site.<br>• Use “cut-off” trenches where possible to prevent water run-off.<br>• Buy sand, hardcore and other items with the potential for run-off, in bags instead of loose.<br>• Prevent stockpile run-off from entering any drains, watercourses and ditches.<br>• Store stockpiles on level ground only. |
| Deposition of Mud or Debris on the Highway | Risk of silt pollution which may harm the quality of the water and damage or kill aquatic life. | • Minimise build-up of mud on site.<br>• Ensure wheels of site vehicles are cleaned before leaving site.<br>• Undertake regular cleaning of nearby roads.<br>• Conduct regular inspections to ensure adherence to requirements.<br>• All gullies new and old will be covered with silt bags to prevent contamination of water sources. |

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| Air pollution by exhaust fumes of construction traffic | Risk of contamination of local air by pollutants from use of site plant & machinery causing possible ill health to local people & wildlife. | • Ensure all plant & machinery exhausts are fitted with a catalytic converter.<br>• Turn off plant & machinery when not in use.<br>• Do not use plant & machinery unless strained and competent.<br>• Use electric plant & machinery as a substitute for petrol driven.<br>• Ensure regular maintenance of plant & machinery is undertaken.<br>• Reduce construction traffic visiting site by promoting car sharing initiatives.<br>• Liaise with others to collaborate deliveries in large loads as opposed to many smaller loads. |
| Watercourse, plantations & wildlife contamination | Risk of watercourse, plantations and wildlife contamination from substances used on site (e.g. cements, concretes, grouts etc) | • Pre-mix cements and concrete off site and only use correct amount.<br>• Do not clean down areas where cements/concretes/grouts are used where the water can run-off into local water course.<br>• Clean equipment using sponges and cloths instead of hoses.<br>• Cover all drains which may act as a pathway.<br>• Where possible, relocate wildlife & plantations to another area.<br>• Use “cut-off” trenches where possible to prevent water run-off.<br>• All gullies new and old will be covered with silt bags to prevent contamination of water sources. |

| | | |
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| Conducting excavations on site | Risk of generating excessive dust, producing silt and silty water, spreading contaminated soils & finding contamination or objects, such as old fuel tanks. | • Consult site plans & surveys prior to commencement.<br>• Use “cut-off” trenches where possible to prevent water run-off.<br>• Consider settlement lagoon or tank for depositing soils for re-treatment.<br>• Find out the depth of the water table so you can plan and manage water ingress.<br>• Protect watercourses with silt traps to prevent run-off silt entering them.<br>• Use banksmen to act as spotters during excavation works. |
| Nuisance noise from site activities | Noise affecting local residents and can disturb nesting birds and other wildlife. | • Establish baseline noise levels, the noise levels before start of work, and identify who and what may be affected by noise, i.e. neighbours and ecology.<br>• Only use excessive noise under Section 61 consent from local council.<br>• Undertake periodic noise readings to ensure levels remain within baseline.<br>• Muffle noise at source where possible by adding noise dampeners to plant & machines.<br>• Liaise with local residential properties to determine levels of nuisance caused.<br>• The monitoring shall be carried out in accordance with the guidance set out in Annex E of BS5228: Part1:2009 |

| | | |
|---|---|---|
| Nuisance light from site activities | Risk of disturbance to adjacent residents and ecology, especially temporary lighting | • Use effective screening to block light,<br>• Consider lighting requirements in programming of works,<br>• Direct lighting to reduce risks.<br>• Consider type of lights used. |
| Vibration nuisance from site activities | Risk of causing nuisance to local residents and ecology by vibration activities on site. | • Use alternative techniques to vibration plates etc.<br>• Use anti-vibration mountings where possible.<br>• Keep haul roads as smooth as possible and maintain them to reduce vibration impacts caused by heavy plant movements. |
| Vibration nuisance from site piling activities | Risk of causing nuisance to local residents and ecology by vibration caused by piling on site. | • Assess piling activities to determine vibration factors.<br>• Consider piling which produce less vibrations than others.<br>• Piling on site will be vibro piles which is a core drilling of the surface to bore holes and fill with hardcore and compacted, which causes less vibration than impact piling. |

The works will include for the ground on the site to be vibro piled to stabilise the ground prior to constructing the store. This technique involves the improvement of weak soils by the installation of densely compacted columns made from gravel or similar material with a vibrator. The displacement process reinforces all soils in the treatment zone and densifies surrounding granular soils.

**Site Specific Mitigation Measures for Vibration**

1. Develop a suitable communications plan between the site management and local residents that encourages two-way communications relating to the project (i.e. make public the programme of works and encourage community feedback).

2. Display the contact details of the person accountable for the project for ease of communicating concerns or complaints. This will usually be the site manager but may change at specific points in the project.

3. Develop, implement and maintain a suitable management plan which contributes to reductions on and off site.

4. Develop a complaints log which records all complaints relating to concerns or issues regarding the project and make this available to the local authority when requested.

5. Record all exceptional incidents on or off site that may cause vibration and take suitable steps to ensure a suitable resolution to the problem is implemented. Records of the steps taken will also be recorded.

**Monitoring Arrangements**

The appointed PC will take all reasonable steps to monitor the effects of the management arrangements and controls implemented to reduce vibration effects by:

1. Undertaking daily checks both on and off site and in receptor locations within 100 meters of the site to monitor vibration levels.

2. Provide sensitive receptors with programme of works, particularly for high vibration tasks on site.

3. Monitor our own compliance with our own management plan and update where required.

4. Increase daily checks as per item 1 above when undertaking site specific tasks that have the potential to release higher vibration readings.

5. Record all sites inspections, complaints and make records available to local authority when requested.

# 8.0 OPERATIONAL CONTROL, AUDITING AND CORRECTIVE ACTION

In order to avoid the possible consequences which may arise from poor environmental management: operation controls, auditing and corrective action should play a key part in the management of the project.

## Operational Control

All activities on site shall be reviewed against the requirements of the CMS via an integrated risk assessment and method statement protocol.

Regular review of the health, safety and environmental risks to neighbouring residents associated with the construction process and their respective control measures shall be carried out by all relevant construction teams by referring to on-site method statements.

Mitigation or protection measures that are agreed with statutory authorities shall be implemented prior to the undertaking of any potentially polluting activities and form a basis of 'toolbox talks'

All Method Statements shall be approved by the site manager.

## Auditing and Monitoring

The site activities will be regularly inspected by the Client's Health and Safety Representatives and Lidl GB Ltd's Senior Construction Consultant.

Site Management will undertake daily visual checks of the activities undertaken and conduct a weekly inspection using a standard proforma.

Regular audits will be conducted by the Senior Construction Consultant and Site Manager to ensure compliance with the Construction Management Plan.

All audit and inspections reports will be reviewed by the Senior Construction Consultant on a weekly basis.

### Corrective Action

Where non-conformances have been identified during an inspection or audit a corrective action plan will be drawn up and actions assigned to close out the issues and to prevent re-occurrence, these will be closed out in a timely manner.

### Community Engagement

Throughout the project Lidl will ensure it engages directly with the local community to provide regular updates on the project and to advise of any issues that may have arisen during the course of the construction works.

A notice board will be erected on the external façade of the site hoarding which will display regular updates on the progress of the project and the expected completion date.

Lidl will ensure the PC provides a number of public viewing windows in the hoarding so members of the public can see progress on the site. These may be covered up at night for security purposes.

The site managers contact details will also be displayed on the external notice board with details of how to contact the site manager via telephone or email, with regards to complaints or queries.

## 9.0 HEALTH AND SAFETY

All work activities will be carried out in accordance with current legislation such as Health and Safety at Work etc Act 1974, CDM Regulations, Management of Health and Safety at Work Regulations, COSHH Regulations, Lifting Operations and Lifting Equipment Regulations, Manual Handling Operations Regulations etc.

All persons working on site will have the necessary skills, knowledge and experience to perform the task undertaken. Site personnel must hold proof of specific training such as CPCS, abrasive wheels etc, IPAF etc or European equivalent.

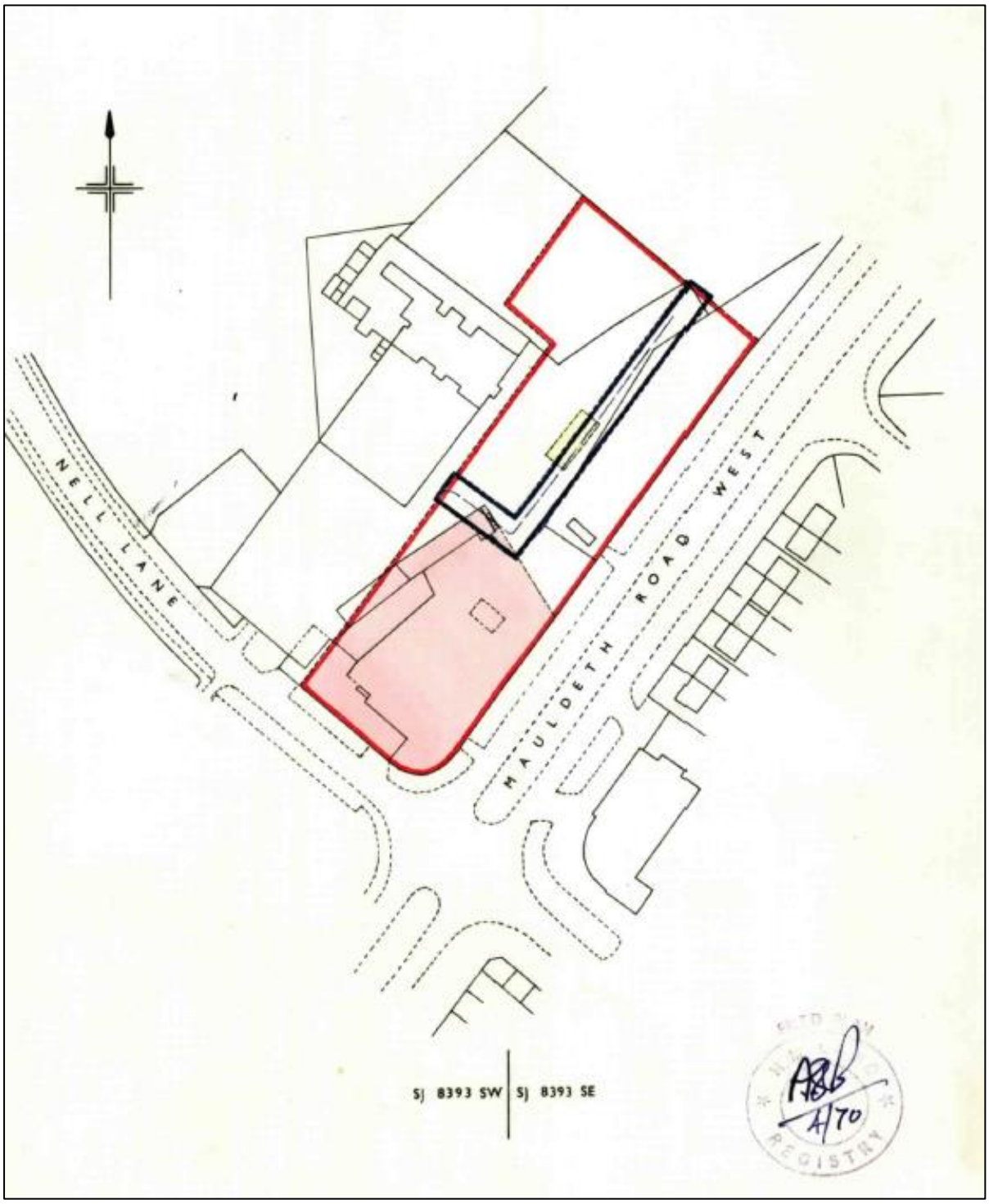
All work activities will be carried out in accordance with a safe system of work including a permit to work system for high-risk activities.

All training of site construction workers should include a health and safety briefing to outline best practice with regards to wearing personal protective equipment (PPE) and how to minimise the risk of accidents and incidents.

All personnel attending site will attend a site induction and will be informed of the site emergency procedures, how to report accidents/incidents and near misses.

# Appendix A

## Site Location Plan



# Appendix B – Environmental Complaints Log

| Environmental Complaints Log – Lidl Chorlton | | | | | | | |
|---|---|---|---|---|---|---|---|
| Date | Time | Name & Phone No | Complaint Type Noise/Vibration/Dust | Action Required | Action Taken | By Who | Close Out Date |
| | | Name: | | | | | |
| | | Address: | | | | | |
| | | Number: | | | | | |
| | | Name: | | | | | |
| | | Address: | | | | | |
| | | Number: | | | | | |
| | | Name: | | | | | |
| | | Address: | | | | | |
| | | Number: | | | | | |
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| | | Address: | | | | | |
| | | Number: | | | | | |
| | | Name: | | | | | |
| | | Address: | | | | | |
| | | Number: | | | | | |
| | | Name: | | | | | |
| | | Address: | | | | | |
| | | Number: | | | | | |
| | | | | | | | |

**Complaints log to be kept in site managers office at all times in line with planning requirements.**

# Appendix C – Environmental Inspection Log

| Date & Time | Dust/Noise/Vibration | Objective | Weather Conditions | Indicator | Checked by | Result | Actions |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
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**Inspections log to be kept in site managers office at all times in line with planning requirements.**