

**Construction environmental  
management plan**

Works to be carried out: Demo/

New Build At

Woods Mill Milltown Glossop

Derbyshire SK13 8DJ

Client: Lidl UK , Glossop Developments Ltd and Bulldog Sparkstar

Contractor: Glossop Developments Limited.

Glossop Developments

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## Environment Policy

Glossop Developments Ltd recognises that our activities may have a significant impact on the environment and that practical concern for the environment is an integral and fundamental part of our business and that of our Clients.

We are committed to promoting continual improvement of our environmental performance and to the prevention of pollution through the design and construction of our projects. We aim to operate our business in an environmentally sustainable manner. We endeavour to achieve this through the development and implementation of an environmental management system, through which we set, review and implement timetabled environmental objectives and targets. These objectives and targets are available on request.

The company will aim to ensure that, where practicable, materials purchased will have a recycled content and have minimal negative impact on the environment. We will endeavour to influence our major suppliers to minimise the negative impact of their operations on the environment.

We seek to comply with pertinent environmental legislation and regulations concerning our activities whilst delivering quality projects, efficiently, cost effectively and with minimum disruption to the environment. Best Available Techniques (BAT) will be employed where construction works can affect the environment. These designs are based on professional advice and close liaison with relevant authorities and agencies to minimise adverse environmental impact.

We will:-

- integrate the consideration of environmental concerns and impacts into all of our decision making and activities,
- promote environmental awareness among our employees and encourage them to work in an environmentally responsible manner,
- train, educate and inform our employees about environmental issues that may affect their work,
- reduce waste through re-use and recycling and by purchasing recycled, recyclable or re- furnished products and materials where these alternatives are available, economical and suitable,

- promote efficient use of materials and resources throughout our facility including water, electricity, raw materials and other resources, particularly those that are non-renewable,
- avoid unnecessary use of hazardous materials and products, seek substitutions when feasible, and take all reasonable steps to protect human health and the environment when such materials must be used, stored and disposed of,
- purchase and use environmentally responsible products accordingly,
- Strive to continually improve our environmental performance and minimise the social impact and damage of activities by periodically reviewing our environmental policy in light of our current and planned future activities.

Our environmental policy is communicated to our employees.

## **Introduction**

Glossop Developments Ltd are to carry out the following development in Glossop:

- Demolish existing Buildings, extend the existing Bulldog Complex, and construct a new Lidl store within the area generally known as the Howard Town Mill Retail Park, and
- Erect a residential development of 57 units, (houses and apartments) on the site of the former Woods Mill, and land to the south of Woods Mill and Glossop Brook.

Start Date: TBC

End date: TBC (Approximatly 2 years after the start date.

### 1. Site details

The site access is off Mill Street, Glossop with a further access available of Victoria Street.

The site is bordered by Mill Street, Milltown, residential, leisure and business premises on the A57 High Street East, to the north, (Including a petrol filling station and a Kwik fit facility. Glossop Brook to the South and the Howard Town Mill Retail Park, (accessed from Victoria Street), to the West.

### Overall scope of works

Demolition works will include:

- Site set-up of compound, hoarding & signage erection;
- Demolition of existing building and associated services.
- Crushing of materials on site and form stock pile
- Removal of redundant materials to site landfill

External New Build works include but are not limited to construction of the building extension to the Bulldog complex, construction of the Lidl store and construction of the residential development, and all associated works and temporary works:

- Ground works
- Block/stone/brick work
- Underground drainage including surface water attenuation as necessary
- Drainage connections
- Installation cold water supplies
- New gas mains and electric sub-station including and infrastructure.
- Floor slab and construction of a new load bay
- Internal / external walls
- Roofing, including rainwater goods
- Cladding
- Window and door systems
- Hard & soft landscaping and car park works
- Signage etc.

## 2. Documents

As well as the construction environmental management plan, the following documents and statements will make up the safe system of work for this task:

- Personal protective equipment assessment
- Manual handling assessment
- Task specific assessment
- Risk assessments
- Method statements
- Waste management plan
- Noise management plan

3. Welfare.

Glossop Developments Ltd will provide all workers on site with canteen, drying room and toilet facilities in accordance with health and safety at work act 1974.

4. Site personnel

- Site manager
- Site engineer
- Plant operatives
- General operatives

5. Plant and Equipment.

- Hand tools and small power tools ( con-saw, kango etc.)
- 50t Mobile Crane
- 2 no- 20t Excavators
- Attachments: various buckets, rock breaker,grapple
- Skidsteer loader
- 3t/5t excavators
- Waste skips
- Crusher
- Articulated boom lift/scissor lift
- Piling Equipment

6. Working/delivery Hours

There are restrictions on working hours due to the close proximity of residential housing. The hours of permitted working on site are;

08:00 to 19:00 Mon to Fri

08:00 to 13:00 Sat

No working on Sundays or Public Holidays without prior agreement with the Local Planning Authority.

Proposed delivery hours to site are 08:00 to 19:00 Mon to Fri

08:00 to 13:00 Sat

No deliveries on Sundays or Public Holidays without prior agreement with the Local Planning Authority.

### **Estimated deliveries**

Below is the estimated amount of deliveries as works progress.

**Demolition stage** Average 3/4 lorries per hour during excavations Plus as works finish.

**New build stage for Lidl:** 2 lorry per day with supplies for duration of build, 2 lorries per day for 5 days to bring steel onto site, 2 lorries per day for 2 days to bring rebar, 4 lorries per day for 3/5 days to bring block, 150/200 lorries for floor slab pour 2 days (Letter drop will be done at this stage). Once floor slab is complete, 1 lorry of cement every 2 days, 4 lorries per day for 5 days to deliver tiles, 2 lorries per day for screeding, 1 lorry per day to deliver timber 3/4 days

**New build stage for residential:** 4 lorries per day with supplies for duration of build 2 lorries. 4 lorries per day for 10 days during construction of foundations and floor slabs, on each of 6 phases. 2 lorries per day for 6 weeks during construction of roads, (at various stages).

**Extension to Bull dog.** 1 lorry per day with supplies for duration of build 2 lorries per day for 2 days to bring steel onto site, 1 lorry per day for 2 days to bring rebar, 10/15 lorries for floor slab pour 2 days.

### 7. Considerate contractor's scheme.

GDL will signed up to the considerate contractor's scheme. All CCS signage will be placed on hoarding for site.

## Site Specific Environmental Issues

### ***Erosion and Sediment Control***

Various tasks onsite will create dust which could potential cause ill health to those exposed. GDL will promote dust awareness on site and provide RPE FFP3 masks.

<b>Objective</b>	To manage construction activities with the potential to cause erosion and the release of sediment		
<b>Actions</b>	<b>Requirements</b>	<b>Responsibility</b>	<b>Timing</b>
	Water hoses used on all demolition works and excavations to reduce dust and dirt	Site Manager	Site setup/ Demolition stage
	While the crusher is been used, hoses will be connected to reduce dust	Site Manager	Demolition stage
	Limit surface disturbance as much as possible	Site Manager	Throughout construction works
	Soil and excavated materials will be placed to the furthest point away from homes as possible	Site Manager	Throughout construction works
	Wheel wash placed at entrance (Bowser washer at the main gate exit)	Site Manager	Throughout construction works
<b>Performance Indicators</b>	No mud/dirt visible on public roads due to construction works	Site Manager	Throughout construction works
	Amount of dust seen about site	All staff	Throughout construction works
<b>Monitoring</b>	Daily visual inspections of works site and all erosion and sediment controls	Site Manager	Throughout construction works
<b>Reporting</b>	Reporting to site manager and SHEQ manager	All staff	Throughout construction works
<b>Corrective Actions</b>	Areas affected are to be hosed down or limits placed on plant movement.	Site Manager	Throughout construction works



**Air Quality**

<b>Objective</b>	To manage construction activities with the potential to impact on air quality		
<b>Actions</b>	<b>Requirements</b>	<b>Responsibility</b>	<b>Timing</b>
	Water hoses used on all demolition works and excavations to reduce dust and dirt.	Site Manager	Site setup/ Demolition stage
	Water hoses used on areas were heavy plant path ways	Site Manager	Throughout construction works
	Plant is to be checked every day for excessive discharge	Plant operatives	Throughout construction works
<b>Performance Indicators</b>	no complaints regarding dust from workers / neighbours / community members	Site Manager	Throughout construction works
<b>Monitoring</b>	air quality monitoring program or complaint based monitoring	Site Manager	Throughout construction works
<b>Reporting</b>	Reporting to site manager	All staff	Throughout construction works
<b>Corrective Actions</b>	Areas affected are to be hosed down or limits placed on plant movement/use.	Site Manager	Throughout construction works

**Noise**

<b>Objective</b>	To appropriately manage noise during construction activities to minimise impact to workers, neighbours and community members.		
<b>Actions</b>	<b>Requirements</b>	<b>Responsibility</b>	<b>Timing</b>
	e.g. all significant noise generating activities will be undertaken between Mon-Fri 8am to 7pm Sat-8am to 1pm	Site Manager	Throughout construction works
	Site manager is to monitor noise level and record findings	Site Manager	Throughout construction works
	Plant is to be checked every day for excessive noise (if service is required)	Plant operatives	Throughout construction works
	If excessive noise is expected, workers / neighbours / community members are to be contacted. Also LPA is to be contacted, especially if working hours are to be extended due to concrete pour etc.	Site Manager	Throughout construction works
<b>Performance Indicators</b>	complaints regarding noise from workers / neighbours / community members	Site Manager	Throughout construction works
<b>Monitoring</b>	noise monitoring program	Site Manager	Throughout construction works
<b>Corrective Actions</b>	Alternatives to how the work is to be done should be investigated	Site Manager	Throughout construction works
	Plant serviced	Plant operatives	Throughout construction works
	If excessive noise levels are unavoidable, LPA and locals should be contacted. Work should be done during suitable hours	Site Manager	Throughout construction works

### **Hazardous Substances**

<b>Objective</b>	To manage construction activities with the potential to cause contaminated soil.		
<b>Actions</b>	<b>Requirements</b>	<b>Responsibility</b>	<b>Timing</b>
	all chemicals will be stored in bunded, roofed areas with MSDS's kept nearby	Site Manager	Throughout construction works
<b>Performance Indicators</b>	no spills	Site Manager	Throughout construction works
<b>Monitoring</b>	chemical storage areas and spill kits will be inspected on a routine basis	Site Manager	Throughout construction works
<b>Reporting</b>	reporting to site manager	All Staff	Throughout construction works
<b>Corrective Actions</b>	Spill kits to be used and area to be decontaminated	Site Manager	Throughout construction works

### **Vibration**

<b>Objective</b>	To manage construction activities with the potential to cause vibration		
<b>Actions</b>	<b>Requirements</b>	<b>Responsibility</b>	<b>Timing</b>
	Work is to be planned to avoid excessive vibration for long periods	Site Manager	Throughout construction works
	If excavations are required, works are to take place during suitable hours	Site Manager	Throughout construction works
	Speed limits implemented on site for heavy plant	Site Manager	Throughout construction works
	Suitable plant should be used to minimise duration of vibration	Site Manager	Throughout construction works
<b>Performance Indicators</b>	complaints regarding noise from workers / neighbours / community members	Site Manager	Throughout construction works
<b>Monitoring</b>	Affected works areas should be inspected a regular intervals	Site Manager	Throughout construction works

<b>Reporting</b>	reporting to site manager	All staff	Throughout construction works
<b>Corrective Actions</b>	Works to stop and review of plant, tools been used	Site Manager	Throughout construction works

### ***Waste Management***

Waste on site will be controlled via GDL policy which will be implemented throughout the site:

- All deliveries will be made via the main access route and deliveries will go to the off-loading area, any materials will be stored in the material storage areas.
- Good visibility and a banksman will be provided for offloading of deliveries.
- All storage of materials will be contained within the site boundaries.
- Waste will be managed in line with the Site waste management

Location of waste skips will have to be agreed with construction manager.

Waste skips shall be secured from unauthorised access by members of the general public.

Locations to be included in site set up drawing once finalised.

Documented waste transfer notes shall be retained controlling the waste removal from site by competent waste transfer provider.

<b>Objective</b>	To appropriately manage waste during construction activities.		
<b>Actions</b>	<b>Requirements</b>	<b>Responsibility</b>	<b>Timing</b>
	Appropriate waste receptacles will be provided on site	Site Manager and all staff	Prior to works commencing
	All waste is to be placed in appropriate skip	Site Manager and all staff	Prior to works commencing
	All skips are to be removed by fully licenced company	Site Manager and all staff	Prior to works commencing
<b>Performance Indicators</b>	No waste deliberately or unintentionally released	Site Manager	Throughout construction works
<b>Monitoring</b>	Waste receptacles will be inspected daily and emptied weekly	Site Manager	Throughout construction works

<b>Reporting</b>	reporting to site manager	All staff	Throughout construction works
<b>Corrective Actions</b>	Waste is to be sorted into skips and cleared from site. Skips to be emptied if required	Site Manager	Throughout construction works

### ***Water Quality***

<b>Objective</b>	To appropriately manage storm water and groundwater quality during construction activities		
<b>Actions</b>	<b>Requirements</b>	<b>Responsibility</b>	<b>Timing</b>
	excavation of v- drains / settlement ponds	Site Manager	Throughout construction works
<b>Performance Indicators</b>	no untreated storm water leaving site	Site Manager	Throughout construction works
<b>Monitoring</b>	Daily check's	Site Manager	Throughout construction works
<b>Reporting</b>	reporting to site manager	All staff	Throughout construction works
	reporting to Department of Environment and Heritage Protection	Site Manager	Throughout construction works
<b>Corrective Actions</b>	If water contamination takes place in form SHEQ Manager	Site Manager	Throughout construction works

### ***Contaminated Soil***

<b>Objective</b>	To manage construction activities with the potential to cause or disturb contaminated soil.		
<b>Actions</b>	<b>Requirements</b>	<b>Responsibility</b>	<b>Timing</b>
	no fill material will be imported to or removed from site	Site Manager	Throughout construction works
<b>Performance Indicators</b>	Evidence of contaminated soil on site	Site Manager	Throughout construction works
<b>Monitoring</b>	Daily checks are to take place	Site Manager/ all staff	Throughout construction works

