

# **Plots 1 to 6 – Burfield Valley, Reef Way**

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**CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN:**

**PERSIMMON HOMES SOUTH EAST**

**Oct 2020**

**PRODUCED BY:**


**PERSIMMON HOMES SOUTH EAST**

**SCHOLARS HOUSE**

**60 COLLEGE ROAD**

**MAIDSTONE**

**ME15 6SJ**



Contents

**1.0 INTRODUCTION**

**2.0 MANAGEMENT FRAMEWORK**

**3.0 SCHEDULE AND HOURS OF CONSTRUCTION WORKS**

**4.0 HAULAGE ROUTES AND VEHICLES**

**5.0 STORAGE AND SECURITY**

**6.0 MANAGING IMPACTS OF CONSTRUCTION ACTIVITY**

**7.0 HEALTH AND SAFETY**



## 1.0 Introduction & Application Site

1.1 This Construction Environmental Management Plan (CEMP) has been prepared in support of a Full Planning application submitted in respect of 'Land Adjacent to Reef Way, Hailsham' (as shown accompanying Location Plan).

*"The description of development is as follows: Construction of 6no dwellings comprising, 4no. detached and 2no semi-detached dwellings with associated car parking and landscaping."*

1.2 The CEMP incorporates the Management Systems for the development works. It sets out the policies and environmental controls required to ensure that the environmental impacts are minimised. It highlights the key activity specific risks, detail control measures, and makes reference to all associated forms and registers where required.

1.3 The application site is situated to the north of Wealden District Council's main offices on Vicarage Lane, Hailsham, East Sussex. Hailsham is an historic market town which has expanded considerably over recent years, with an estimated population of 20,000. The town has a well established centre, with a number of new commercial developments. Hailsham is classed as a District Centre for the purposes of retail and local facilities, and is by definition a highly sustainable town.

1.4 The application site measures approximately 0.3ha in area and comprises a parcel of previously undeveloped land. The site is situated on the south side of Reef Way and east of Battle Road. The immediate surrounding area comprises residential dwellings to the north-west and east, and grass fields directly to the south and west.

1.5 The site is bounded along the southern and western boundaries by hedgerow.

1.6 The site lies wholly within Flood Zone 1 as defined by the Environment Agency flood risk mapping. This Zone is defined as land having less than 1 in 1000 chance of flooding from rivers and the sea, occurring each year.

1.7 The site is located within easy walking and cycling distance of a number of local facilities, including local primary and secondary schools, convenience store, post office, library and recreational facilities.

1.8 Hailsham, as a District Centre, benefits from a number of bus services providing access to Eastbourne, Battle, Uckfield, Hastings and Polegate, amongst other destinations. The nearest bus stops are located on Battle Road, and Reef Way.

## **2.0 MANAGEMENT FRAMEWORK ENVIRONMENTAL POLICY**

2.1 The development will comply with the Persimmon Homes PLC Environmental Policy. First established in March 2013, the policy is reviewed annually and is publicly available on the Persimmon Homes PLC website.

2.2 In February 2018, Persimmon Homes Ltd reviewed its environmental impacts and identified those which are the most important for the company to monitor and control. As a result Persimmon homes Ltd endeavours to:

- Adhere to the principle that the homes Persimmon Homes PLC' design and build are inherently efficient, this being achieved through design and construction, without the need to use additional technologies to improve energy efficiency;
- Procure and use materials efficiently during the housebuilding process, including the use of locally sourced materials, existing materials on site and recycled materials when appropriate;
- Minimise the amount of waste produced through effective design and on-site management and ensure any waste is safely disposed of;
- Make the most efficient use of land, including the regeneration of redundant or contaminated land;
- Protect and enhance the natural habitat and local surroundings throughout the development process;
- Prevent pollution (including noise/traffic pollution) occurring on sites;
- Reduce the intensity of Persimmon Homes PLC carbon emissions by 10% from 2016 to 2025 (on a like for like basis); and
- Encourage Persimmon Homes PLC' supply chain to reduce the emissions and waste associated with the goods and services they provide.

2.3 The development shall ensure that the policies and their requirements are made known to all relevant personnel. This will be undertaken through a number of methods including site inductions, method statements and risk assessment briefings and toolbox talks.

2.4 All subcontractors will be provided with a copy of the Environmental Policy and HS&E Terms & Conditions for Sub Contractors that set out the minimum environmental requirements.

#### WASTE AND RESOURCE MANAGEMENT POLICY

2.5 The Persimmon Homes PLC waste management policy, takes account of the requirement to minimise resource use and divert materials from landfill, thereby reducing waste, the impact of landfill tax and the cost of waste management. Persimmon Homes Ltd is committed to good practice waste management and minimisation.

2.6 Consequently Persimmon Homes PLC will implement robust waste management practices on site and aim to:

- Reduce the quantity of waste generated;
- Increase the recovery of materials for reuse and recycling on all sites;
- Use materials efficiently;
- Increase the proportion of recycled materials used to build homes; and
- Safely dispose of hazardous waste.

2.7 Persimmon Homes PLC will achieve these aims by:

- Minimising the use of material resources and the production of waste through, for example, efficient design, logistics, stock control, the use of prefabricated/pre-sized materials, minimising packaging and efficient construction techniques;
- Ensuring that sub-contractors and waste management contractors manage waste properly and maximise recycling;

- Whenever possible, maximising the re-use, recycling and recovery of construction, demolition and excavation waste on site;
- Encouraging the segregation of waste on site where practicable, in order to recycle waste and reduce waste disposal costs;
- Seek opportunities to work with suppliers and contractors to make efficient use of materials and incorporate reused/recycled content into the product used.
- Evaluating and promoting best practice with suppliers and contractors.
- Regularly collecting data and monitoring performances using key performance indicators (KPIs).

2.8 The policy will be promoted through the provision of specific training for employees with relevant responsibilities. For example, training for site managers on Persimmon Homes PLC waste management practices on site, training for designers on the waste minimisation opportunities, and training on material specification and efficiency for Persimmon Homes PLC design teams and buyers.

2.9 Where appropriate, Persimmon Homes Ltd will work with stakeholders to identify further opportunities to improve performances and seek to reduce the amount of housebuilding waste generated per property.

#### LEGISLATION, REGULATION AND OTHER REQUIREMENTS

2.10 The development will comply with all relevant legislation, regulations, Persimmon Homes Ltd policies (as mentioned above) and additionally, obtain and comply with all necessary consents to ensure legal construction works.

2.11 The Site Manager is responsible for ensuring that the development complies with all applicable environmental legislation, regulations and other requirements.

2.12 Other requirements and regulations from Local Authorities, Highways Agencies or other Statutory Bodies will be applied where applicable. All work carried out on the development will be conducted with due cognisance of Persimmon Homes PLC policies, obligations and best practice.

## HAZARD INDICATIONS

2.13 Under the Construction (Design & Management) Regulations Persimmon Homes PLC is the Principal Contractor for the development and a health and safety plan will be produced identifying the significant hazards and detailing how the company intends to manage the site so that hazards are controlled.

2.14 This hazard identification will be extended to include environmental issues. The Contracts Manager and Site Manager will review the potential environmental impact of the development on both the natural environment and the built environment. Works will be planned to minimise the impact on both sectors.

## TRAINING, AWARENESS AND COMPETENCE

### A) PLANT OPERATORS TRAINING

2.15 Operatives of all relevant plant and equipment must be adequately trained by a recognised training provider, competent and authorised to use such equipment. Current copies of their Certificate of Training, CPCS card or recognised equivalent CITB card must be obtained by the Site Manager, and a current driving licence must be seen.

2.16 All drivers must be issued with the Passport to Safety for Authorised Drivers of Mobile Plant.

2.17 Lists of authorised operatives are recorded on Form PHG/HS/025 "Plant Operators Record Form".

### B) INDUCTION TRAINING

2.18 Induction Training Forms (PHG/HS/009A & 009B) for individuals shall be undertaken by Persimmon Homes Construction Management or appointed representative in accordance with the Safety Training Procedure PHGPR:008. The records must be maintained for inspection.

### C) TOOL BOX TALKS

2.19 Tool box talks shall be undertaken in accordance with the Persimmon Homes PLC policy 'Safety Training Procedure, PHGPR:008' and recorded on Form PHG/HS/020 .

## INTERNAL COMMUNICATION

2.20 Communication of environmental issues within Persimmon Homes PLC will be maintained through combined monthly project review meetings. The environmental section of the agenda for the monthly meetings will primarily address the future month's activities and will review events and actions arising from the previous month's activities.

2.21 Newsletters, bulletins, posters etc will be produced and displayed throughout site offices on a regular basis to raise awareness of current issues both within the project team and throughout the local community. The Contract Manager and Site Manger (and their teams) will ensure that meetings and discussions are carried out in a spirit of openness and co-operation to determine lessons learnt from any incident and, wherever practicable, to take action to mitigate similar risks.

#### EXTERNAL COMMUNICATION

2.22 Where disturbance to local residents or businesses is likely, Persimmon Homes PLC will inform occupiers in advance of the work. The strategy for external communication will be agreed on an individual occurrence basis.

2.23 Typical third parties include, but are not limited to:

- Local Authority;
- Environmental Health Officer
- Health and Safety Executive
- Highways Engineer
- English Heritage – Persimmon Homes Ltd recognise the absence of archaeology on this site
- Environment Agency
- Natural England
- Statutory Utilities – Gas, Electric, Water, Telecoms
- Third party Landowners/Neighbours

2.24 Persimmon Homes PLC will consult with third parties where it is considered the works will cause any impact or where access or storage may be required. In addition, third parties may be contacted in order to gain permission to carry out certain protected species surveys that may be required. These are likely to be immediate neighbours to the worksites

#### RECORDS

2.25 Within the health, safety & environment plan will be details of any planning constraints or discharge consents together with details of what project specific records will be kept.

2.26 With regards to other records, the site manager will ensure copies of the following are held on site:

- Transfer notes for controlled waste and consignment notes for any special wastes. At the end of the contract must be including in the health and safety file with all information relating to waste disposal;



- Copies of the company's and any other waste carriers' registration license;
- A logbook of complaints for neighbours and others who may have reason to comment;
- Copies of any internal incident report forms and periodic environmental inspection reports;  
and
- Copies of any on site environmental monitoring undertaken during the development .

### **3.0 SCHEDULE AND HOURS OF CONSTRUCTION WORKS**

3.1 The construction period is likely to last for 12 months from start on site date.

3.2 The site will operate:

- 8am – 6pm Monday – Friday
- 8am – 1pm Saturdays
- Sundays and Bank Holidays - No noisy activity.

### **4.0 HAULAGE ROUTES AND VEHICLES**

#### DELIVERY ROUTING

4.1 A22

Follow A22 to A271

Follow A271, At the roundabout, take the 2nd exit onto A271

At the roundabout, take the 1st exit onto Upper Horsebridge Rd/A271

Continue to follow A271

At the roundabout, take the 2nd exit onto Battle Rd/A295

Turn left onto Reef Way

4.2 This routing will ensure that construction traffic will be contained to the strategic road hierarchy surrounding the site and will ensure that no delivery vehicles/equipment will be brought

onto the site through the surrounding residential area. The route to the site will be relayed to all delivery drivers and operatives to ensure compliance.

4.3 Under no circumstances will delivery vehicles be allowed to lay-up in the surrounding residential streets.

#### SITE ACCESS AND EGRESS

4.4 To ensure safe access and egress to the development site a turning bay has been included within the proposed layout design which will accommodate the turning of HGVs. This turning bay will ensure that HGV's are able to enter and leave the site in a forward gear therefore ensuring the drivers have adequate visibility when exiting and entering the public highway.

4.5 In addition a banksman system will be in operation on site to ensure that all large vehicles are able to safely manoeuvre around the site, and to ensure protection of the workforce and other vehicles.

#### DELIVERY MANAGEMENT

4.6 The Site Manager will be responsible for ensuring all deliveries to and from site are managed effectively, reducing traffic volumes and unnecessary disruption to the operation of the existing highway network. The Site Manager will be the single point of contact for all drivers approaching the site who require assistance.

4.7 The role will also include advising delivery companies and their drivers of the most appropriate route to follow when approaching the site, in particular providing advice on any local restrictions on vehicle width, height and weight.

4.8 The Site Manager will endeavour to ensure that all deliveries to and from site take place outside peak hours, minimising the risk of disruption to the local highways network and local schools.

4.9 The Commercial Team will be responsible for sending out the agreed route to suppliers and subcontractors at the point of appointment to ensure that they are aware of the agreed routing to and from the site.

#### DELIVERIES TO SITE

4.10 Deliveries of plant machinery, materials and equipment will be made by a combination of large articulated HGVs and smaller rigid vehicles. There will be 6 – 12 deliveries a day. Deliveries will be only be permitted during site opening hours:

- o 8am – 6pm Monday – Friday (provisions will be made to avoid school drop off and pick up times)
- o 8am – 1pm Saturdays
- o Sundays and Bank Holidays - No deliveries

4.11 Where practical or possible, materials and components will be sourced from local suppliers to minimise the impact on the highways network. Where deliveries cannot unload immediately upon arrival, a queuing system will be utilised. This will move construction traffic away from residential areas.

#### DAILY TRAFFIC MOVEMENTS

4.12 During the construction phase it is anticipated that the workforce will generally be up to 100 persons on site daily.

4.13 Once the construction phase has been completed and the development is fully occupied access will only be required for domestic purposes such as would be generated by a development of this size.

#### VEHICLE PARKING

4.14 A temporary construction compound has been included within the proposed layout for the development. The site office, workforce amenities and storage of tools and equipment will all be located within the compound.

4.15 A workforce car parking area will be designated on the site adjacent to the main construction area, and will be of sufficient size to accommodate the entire anticipated workforce parking requirements, as well as car parking for any visitors who may come to site.

#### VEHICLE MANOEUVRING

4.16 Numerous turning bays have been designed into the access such that it can accommodate the turning of HGVs; in addition sufficient space to turn vehicles has been included within the curtilage of the site. This will ensure that vehicles can exit the site in a forward direction.

#### OFF-SITE TRAFFIC MANAGEMENT AND SIGNING

4.17 Temporary 'Construction Access' warning signage will be placed around the site. This will be fully in accordance with Chapter 8 of the Traffic Signs Manual and will be provided and maintained for the duration of the construction phases on approaches to the site access.

4.18 Warning signs will be located in advance of the site entrance at 50m and 100m intervals approaching the sites access in both directions.

#### REMEDIATION OF DAMAGE TO HIGHWAYS DUE TO CONSTRUCTION TRAFFIC

4.19 Any required remediation of damage to public highway will be agreed with Wealden District Council and where practicably possible all construction works on the network will be planned outside of peak hours to minimise disruption to the local community.

#### PUBLIC ROAD CLEANLINESS

4.20 Wheel washing facilities will be employed at the construction compound to ensure, as far as possible, that debris from the site is not deposited onto the local highway network. Regular road cleaning will be carried out.

#### MONITORING

4.21 The site team will be responsible to ensure that the CTMP alongside the CEMP is adhered to. This will also be reviewed by the Contracts Manager and Group Health and Safety Adviser on their visits. Any significant changes to the CTMP will be reported to Wealden District Council for their approval.

4.22 Any complaints from local residents or businesses will be dealt with by the Site Manager or Contracts Manager for the development. Contact details for the appropriate site personnel will be available at the entrance of the site.

#### 5.0 STORAGE AND SECURITY

5.1 Secure, space will be designated alongside loading and unloading areas for initial storage of plant and materials.

5.2 Security fencing will be placed around the border of the site prior to the commencement of construction works. This will be monitored and maintained on a regular basis to ensure a safe working environment and prevent risk to the general public.

5.3 Additional fencing will be erected and taken down around hazardous or restricted areas of the site as required.

## **6.0 MANAGING IMPACTS OF CONSTRUCTION ACTIVITY**

### **FUELS, OILS AND OTHER FLUIDS STORED OR USED ON SITE**

#### **A) Storage**

6.1 Fuels, oils and other fluids will be stored in compliance with the Control of Pollution (Oil Storage) Regulations 2001.

- Fuel shall be stored in dedicated bunded, impervious storage areas, away from drains and watercourses;
- Drums over 200 litres shall be stored on drip trays capable of holding 25% of the drum's maximum capacity;
- Fuel tanks shall be stored within a bund capable of holding 110% of their capacity. All pipes and gauges shall be within the wall of the bund;
- Bowsers shall be double skinned and shall be stored in a bund capable of holding 110% of the volume of the bower;
- Small mobile plant shall be placed on drip trays; and
- Spill kits will be available at various points around the site and located next to bowsers and drums.

6.2 Consideration will be given to any required surface coatings which contain bitumen or related materials as being delivered in a hot and ready to lay format. This will avoid the bituminous materials being heated on site.

#### **B) Dealing with Spills**

6.3 Spill kits will be available at various points around the site and located next to bowsers and drums. Should a spill occur the following will be implemented:

- Work will be stopped immediately;
- All possible ignitions will be extinguished if the spilt material is flammable;
- The spill will be contained using spill kits on land and booms on the stream;
- The source will be identified and sealed as practical;
- Granules / pads to will be used to mop up as much spill as possible;
- The project lead will be informed of the spill;
- If the spill enters the stream the Environmental Health Officer manager must be contacted immediately who will contact the Environment Agency and British Waterways;
- Specialist contractors will be contacted if the need arises or the spill breaches a watercourse

- The granular material and pads and any containment items will be treated as hazardous waste and disposed of accordingly

## FIRECONTROL

6.4 A full fire management plan will be produced in conjunction with the nominated Responsible Person and relevant parties as appropriate. This will be based on the requirements set out in the 'Code of Practice on Fire Prevention on Construction Sites'. This document will identify duty holders, defines responsibilities and establishes procedures on fire prevention.

6.5 There are basic rules that apply to all of our construction sites which aid in the prevention and control of fires A Site Fire Safety Coordinator will be appointed to ensure adherence to the Site Fire Safety Plan. In addition, they will coordinate the issues below:

- General Housekeeping;
- fire extinguishers fire detection and alarms;
- Hot Work Permit regime;
- Fire escapes and communications (evacuation plans and procedures for calling the fire brigade);
- Fire brigade access, facilities and coordination;
- Fire drills and training;
- Effective security measures to minimise the risk of arson; and
- Materials storage and waste control regime.

6.6 An initial fire risk assessment of each area will be undertaken and updated as the risks change. In addition, weekly inspections of all areas will be carried out and the findings recorded on a weekly inspection report.

A) Storage of flammable materials

6.7 All areas will be kept clean and tidy and stored materials will be properly coordinated and controlled.

6.8 During construction works the site will be kept free from the build-up of combustible materials. Offending contractors will be issued with Clean up and obstruction notices.

B) Training and fire drills

6.9 The evacuation sounders will be tested once a week. Periodic tool box talks will be issued to contractor's managers in order that their personnel are aware of the evacuation procedure. Signed acceptances of these briefings will be returned to the project.

C) Risk of fire water run-off

6.10 In the case of a fire being attended by the Fire service, significant volumes of water, foam and burnt matter may be washed onto the ground. There is a risk that this may run off into drainage. In this case, the site management will monitor fire water runoff and ensure that contaminants are prevented from entering water systems by use of booms, bunds and sluice gate.

DUST

6.11 There is the potential for fugitive dust emissions to arise during the construction phase. This will be dealt with whenever possible by using the best method to produce least environmental impact. If the production of dust cannot be eliminated, it will be controlled. Typical control measures include a combination of the following:

- Plan the site layout so that machinery and dust causing activities are located as far away from sensitive receptors (e.g. residential areas) as far as is possible;
- Planning and control of the orientation, shape and locations of stockpiles to minimise the risk of dust raising through wind action, handling operations and transferring material onto stockpiles;
- Implementing control measures for moving material to stockpiles, including a maximum drop height, and consideration of the need for damping down and sheeting of stockpiles;
- Stabilising the surface of long term stockpiles in accordance with agreed method statements;
- Maintaining all haul/access roads and hardstanding to minimise dust generation;
- Ensuring an adequate water supply on-site for dust suppression purposes and using bowsers during dry periods to wet haul;
- Avoiding the dry sweeping of large areas and using water assisted dust sweepers, where appropriate;
- Ensuring all roads used for construction traffic are hard surfaced and where not feasible, considering temporary surfacing for haul routes which run over materials with a high dust raising potential and that cannot be satisfactorily controlled by watering or other methods, if deemed appropriate by the Client or MC;
- Spraying of water mist at work faces or during loading operations during enabling works;
- Suitable sheeting of vehicles transporting materials to and from the site, capable of generating dust, on each journey to prevent the release of materials and particulate matter. The sheeting material will be maintained in good order, free from excessive rips and tears;

- For smaller supplies of fine powder materials, ensuring that bags are sealed after use and stored appropriately to prevent dust;
- Adopting a maximum speed of 10 miles per hour (mph) over all unmade surfaces. Reductions to this speed limit may be applied depending upon prevailing environmental conditions;
- Ensuring that all large vehicles leaving the site pass through the wheel wash facility which is to be located at the Site exit;
- Prohibiting the burning of wastes or unwanted materials on-site;
- Using, where appropriate, electrically powered plant instead of petrol or diesel;
- Directing vehicle exhausts vertically upwards where possible, and away from the ground as a minimum;
- Erecting barriers around dusty activities or around the site boundary;
- When not in use, shutting off the engines of vehicles and the construction plant to reduce unnecessary emissions;
- Regularly maintaining plant and equipment in accordance with appropriate legislation or manufacturers' specifications, to ensure emissions to atmosphere are minimised;
- Only using equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction;
- Use enclosed chutes and covered skips; and
- Revegetate earthworks and exposed areas as soon as reasonably practicable.

## NOISE

6.12 The principal contractor will adopt best practice to reduce levels of noise from the site, to ensure compliance with set limits and thus minimise the potential for impacts on the local community from construction activities. Noise management controls will be in accordance with the recommendations established in BS 5228 - 2014.

6.13 All contractors will implement all necessary management and best practicable means to reduce levels of noise from the site, ensure compliance with set limits and thus minimise the potential for impacts on the local community from construction activities.

6.14 The timing, duration and mitigation measures used are to be designed by contractors and approved by the Client. As such, all machinery on-site will comply with the latest standards regarding noise emissions.



6.15 No work will be allowed on Sundays or Public Holidays. These may be varied in exceptional instances subject to approval with Wealden District Council and subject also to any restrictions or requirements that they may impose.

6.16 Noise is to be controlled at source where practicable. Accordingly, temporary protective fencing or hoardings would be erected around the application site boundaries as appropriate. The hoarding will limit particularly noisy construction activity in close proximity to sensitive receptors.

6.17 Specific noisy operations involving earthmoving equipment and the timing of such operations will be considered on a case by case basis.

6.18 Other measures may comprise:

- using 'silenced' plant and equipment;
- switching off engines where vehicles are standing for a significant period;
- fitting of acoustic enclosures to suppress noisy equipment;
- operating plant at low speeds and incorporation of automatic low speed idling;
- making all contractors familiar with the guidance in BS5228 (Parts 1 and 2), in particular the requirement to implement best practicable means. This will form a prerequisite of their appointment;
- equipping all vehicles, compressors and plant with effective silencers and noise reducing insulation in accordance with BS5228: 2009 Part 1;
- selecting electrically driven equipment in preference to internal combustion powered, hydraulic power in preference to pneumatic and wheeled in lieu of tracked plant;
- proper maintenance of all plant (greased, blown silencers replaced, saws kept sharpened, teeth set and blades flat, worn bearings replaced);
- consideration of the use of temporary screening or enclosures for static noisy plant to reduce noise emissions;
- loading and unloading of vehicles, or moving equipment or materials around Site in such a manner as to minimise noise generation and where possible will be conducted away from noise sensitive areas. Reversing alarms should be set to the minimum required setting allowed by HSE;
- locating potentially noisy plant and equipment away from the Site boundaries and sensitive receptors. Where this is not possible, noise emissions will be controlled by the erection of acoustic shielding, or by siting behind site accommodation or spoil heaps;
- certifying plant to meet any relevant EC Directive standards; and
- undertaking awareness training of all contractors with regard to BS 5228 (Parts 1 and 2) which will form a prerequisite of their appointment.

6.19 Should any non-routine activities be identified that will make it impracticable to work to the target criterion, provisions will be set out in advance and with the agreement of Wealden District Council, to reduce any potential impact. For any proposed construction works to be undertaken outside of the permitted working day, particularly at night, prior consent would be sought from Wealden District Council.

#### AIR POLLUTION

6.20 Air pollution, arising from odour, fumes and smoke, may arise from the following activities:

- Use of heavy plant and machinery; and/or
- Road vehicles, particularly HGVs.

6.21 Pollution to air will be managed in order to reduce impacts to a minimum, and to eliminate where practicable. Management will be achieved through:

- No fires permitted on site;
- All fuels, oils and other Volatile Organic Compounds (VOC's) will be stored in secure, sealed, labelled containers;
- Consideration will be made to using prefabricated materials where possible so that localised air pollution is minimised;
- Vehicles and plant will be switched off when not in use;
- Ensure vehicles and plant are not over loaded to prevent labouring;
- Modern, well-maintained plant and equipment is used; and
- Mains electricity supply will be used in preference to generators where practicable.

6.22 All work will be carried out in accordance with relevant Legislation and statutorily issued guidance.

#### TREATMENT OF EFFLUENTS

6.23 Any connections or discharges to drains and/or controlled waters will not be undertaken without approval and, where required, the necessary consent being issued. Measures will be taken to prevent silting of surface and foul water drainage and pollution spill kits made available on site in case of emergency or accidental spillage.

6.24 Discharges will only be made to drains and sewers with appropriate consents providers and regulators.

## VERMIN AND PEST CONTROL

6.25 Welfare facilities (canteens, mess rooms, drying rooms, locker rooms, toilets, showers etc) will be provided on site. These will be cleaned daily and maintained in a good condition. It is expected that the users behave properly towards the facilities provided. Anyone found to be abusing welfare facilities will be dismissed from the site.

6.26 Toilets will be located around the site. Anyone found urinating or defecating elsewhere will be dismissed from the site immediately.

6.27 All food and drink is to be consumed within the mess rooms / canteens or else off the construction site. Consumption of food outside of welfare facilities encourages the spread of vermin causing further potential occupational health risks, e.g. leptospirosis (Weil's disease).

6.28 All food and drink will be disposed of in a lidded container and emptied on a weekly basis.

6.29 It is not expected that there will be a rodent problem. However, this will be monitored as the works progress. If required, rodent control measures will be put in place.

## TRAFFIC AND TRANSPORTATION

6.30 Traffic both on and off site will be managed in order to minimise the impact to site operations and the local community. The following actions will be implemented in accordance with the CTMP:

- Switching off vehicle engines when not required;
- Parking provided on site;
- Use of a form of wheel washing processes as appropriate;
- Preparation of access routes;
- Scheduling of deliveries;
- Site speed limits on access roads; and
- Removing mud from public roads carried on by construction vehicles; by use of road sweeper at the end of every week. However, this can and will be done more frequently depending on circumstances such as weather and/or the nature of works on site.

6.31 Works will avoid tracking / spillage of mud; soil etc by construction vehicles onto public roads. Where this does occur, measures are to be taken to clear up excessive spillage/tracking.

## VISUAL AMENITY

6.32 The development will take measures to control the visual impact of the works, where reasonably practicable. Where lighting is needed overnight for security purposes, this will be low level lighting, directed away from sensitive areas only if required.

6.33 If needed we will use standard temporary boundary fences instead of Heras fencing. These reduce visual intrusion, assist in noise attenuation and ensure public safety (including uninvited intruder entrance to the site). Site information and contact details will be displayed at the entrance of the site in compliance with Persimmon Homes Ltd Policies, any damage or graffiti will be rectified as soon as reasonably practicable. The boundary fence will be maintained to an acceptable standard.


6.34 The development will endeavour to prevent significant environmental impacts beyond the boundaries of the work sites. All reasonably practicable measures to control the visual impact of the works and to preserve and reinstate any damage to landscape will be taken, including:

- Considerate positioning of new structures;
- Selection of most appropriate materials and sympathetic construction practices;
- Avoidance of unnecessary tree and vegetation removal;
- Additional planting and landscaping;
- Good housekeeping arrangements, keeping all sites in a tidy manner and prevent release of litter and mud accumulation on public roads;
- Use of hoardings or seeded bunding where appropriate;
- Restrictions on lighting to prevent intrusion;
- On site temporary parking; and
- On completion, all construction materials will be removed and the sites left in a tidy manner.

## 7.0 HEALTH AND SAFETY

7.1 To ensure that health and safety legislation is complied with, monitoring of this plan, associated documentation and the inspection of construction work activities on this project shall be undertaken and recorded by members of Persimmon Management, Group H & S Department and Safety Advisors. This shall be carried out in accordance with the Performance Monitoring and Inspection Procedure.

7.2 All Site Sales Area Health & Safety Risk Assessment will be carried out using (PHG/HS/022)



7.3 A copy will be kept in the Sales Office; further Quarterly Inspections will be carried out by the visiting Field Sales Manager using (PHG/HS/023)

7.4 The Site Managers shall undertake a weekly inspection using form PHG/HS/014. The Contracts Managers shall check all “Action Required” items from this report.

7.5 The completed inspection and audit records must be maintained for inspection.

