

VEGETATION CLEARANCE NORTHERN QUARTER CINDERFORD - PRE CONSTRUCTION INFORMATION PACK

**VEGETATION CLEARANCE – NORTHERN
QUARTER CINDERFORD**

PRE CONSTRUCTION INFORMATION PACK


Document Identification Number: 3513032A-HHC/IP 02

Issue Number: Final

Date: August 2015

DOCUMENT AUTHORISATION SHEET

Client: Home and Communities Agency
Document Title Pre Construction Information Pack

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ISSUE RECORD

Issue	Date	Description of Changes/Amendments	By	Approval
Final	May 2014	Issue to Tendering Contractors	OH	
Final	June 2015	Issue to Tendering Contractors	KHP	
Final	August 2015	Issue to Tendering Contractors	KHP	

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1 INTRODUCTION

This Health and Safety Information Pack has been prepared in accordance with the Construction (Design and Management) Regulations 2015. It is a document which will eventually be developed into the Construction Phase Plan by the contractor appointed as the Principal Contractor for the project, but initially it will be used to collate and summarise the information provided by the Client for use by the designers. All those involved with the design phase have a statutory duty to comply with it and to provide the CDM Co-ordinator with any information they have which is required to keep the plan up to date.

In drawing up the Construction Phase Plan, the Principal Contractor should consider each of the topics as listed in Appendix 3 of the Approved Code of Practice as minimum requirement of the Plan. Where it is indicated in this Information Pack that an item is to be included in the Plan, it shall be over and above what is listed in Appendix 3 unless it is a specific topic listed in the Appendix. Information shall be included in the Plan where the topic is relevant to the work proposed. The plan sets out how the Health and Safety is to be managed during the construction phase. The level of detail should be proportionate to the risk involved in the project.

It is the intention of the Client that the project be designed and constructed in such a way that the risks to the health and safety of all persons engaged in its construction, future use, cleaning and maintenance are eliminated or reduced to an acceptable level.

This Information Pack is to provide information only and does not form part of the Contract. The full scope of the Works, the duration of the contract and the obligations of the Contractor, shall be ascertained by reference to the Contract documents read as a whole.

2 IDENTIFICATION OF ROLES

Please refer to section 9.4 for contact details.

2.1 Client

Home and Communities Agency is the Client as defined under the Construction (Design and Management) Regulations 2015.

2.2 CDM Coordinator

The CDM Coordinator is Parsons Brinckerhoff Limited.

2.3 Principal Contractor

The Principal Contractor has not been appointed

The duties of the Principal Contractor are set out in Construction (Design and Management) Regulations 2015. [Note that this includes preparation of the Construction Phase Plan, **prior** to the commencement of works on site].

2.4 Contractor

The Principal Contractor shall be responsible for the implementation of all safety management measures necessary for the execution of the work, and for the management of all Contractors on the site. All Contractors shall comply with the Construction Phase Plan, and with all relevant legislation, regulations or codes of practice.

2.5 Designer

Under the CDM Regulations, a Designer is anybody who either prepares a design or arranges for a person under his/her control to prepare a design. Whilst designers have been appointed, a contractor may also be a designer under this definition, and therefore Regulations 11 and 18 will apply to them in the same way as it does to the architect, engineer, etc.

3 DESCRIPTION OF PROJECT

The detail below is provided to assist the contractor but should be treated as preliminary information and not categorical.

3.1 Introduction and Background

As part of the progression of the Homes and Communities Agency's plans for the regeneration of the Cinderford Northern Quarter trapping and relocation is required to be carried out. The site is located within the Forest of Dean and comprises of a mixture of dense forest, open grassland and vegetated high ground. There are a number of existing constraints associated with the site which will impact upon the proposed work as indicated within the Scheme's Constraints Plan. The presence of Great Crested Newts (GCN) and the trapping measures are required in order for the translocation to another area of within the locality to be undertaken safely. Further trapping measures will be required in order to trap and translocate reptiles which currently inhabit the site.

3.2 Nature and Scope of the Work to be carried out

The work will consist of installation of and undertake GCN and reptile trapping measures as identified within the fencing plan and to the specification provided by TACP. Multiple trapping measures are required upon site to assist with GCN translocation; these consist of external semi-permanent perimeter GCN exclusion fence, internal compartment GCN exclusion fence, pitfall traps, refugee tiles and steel access channels. In addition to this, security fencing is required to provide protection to the GCN perimeter exclusion fence to ensure its integrity throughout the translocation process due to the presence on wild boar within the vicinity of the site, localise vegetation clearance will be required to be carried out to facilitate the erection of the fencing.

3.3 Location of Project and Extent of Site

The location of the site is North West of Broadmoor Road, Cinderford, Grid Ref SO 64769 15313. The extent of the works site can be found on 3511417I- HHC /616

3.4 Existing Environment, Surrounding Land and its Use

The existing environment of the site, surrounding land and its use may have an impact on the safety of workers on the site, or on others in the area surrounding the site. The site is located within the Forest of Dean and comprises of a mixture of dense forest, open grassland and vegetated high ground

3.4.1 Adjacent premises

The following list shows typical types of premises and their use around this construction site. This information must be considered when control measures are formulated for construction works, i.e. will the residents cause a hazard? Is a particular group of residents more at risk due to the construction works than others? Control measures required must be recorded in the method statements or safe systems of work documentation:

- Forestry Operation
- Brick Production (Coleford Brick and Tile)
- Car Body Repairs (Overbrook Services)
- Light Industrial and Offices on Forest Vale Industrial Estate
- A separate Ground investigation work is proposed to be carried out and will probably be completed when this works is due to start.

3.4.2 Existing structures

There is existing piped culvert at Engine Brook and Timber accommodation bridges on Forest tracks. The timber bridge has a current weight restriction of 3 tons

3.4.3 Existing materials stored on site that may present a hazard

The CDM Co-ordinator has not been informed of hazardous material that is stored within the site boundary

3.4.4 *Ground Conditions / Contamination*

The CDM Co-ordinator has been informed that there are none that is significant in relation to proposed operations but CO₂ gas emissions are known and some hydrocarbons, neither should be disturbed by proposed operations.

3.4.5 *Existing Utilities*

The term 'utility' means all overhead and underground services such as electricity, gas, water, storm water drain, foul sewer and telecommunication services. Buried utilities are known to be on this site and reference should be made to the Existing Utilities Plan which is based on the information that has been provided by the Utilities providers, see Drawing 3511417R-HHC/101. The possibility of private buried services can not be ruled out, hence it should be assumed that they are present unless and until proven otherwise.

The exact location and depth of utilities must be verified using appropriate methods, **prior** to ground penetration by mechanical means at any location.

The location and depth of known existing utilities may be shown on the project utility drawings but are not limited to these drawings. Copies of these record drawings are to be provided to those needing them. It should be noted that the locations shown on the drawings may not be accurate and will always require on site verification.

Prior to commencing works on site it shall be the responsibility of the Principal Contractor to satisfy himself that all utilities on site have been located, identified and marked, and disconnected or diverted as required, **prior** to commencing work in the particular area in question.

The contractors will record details of all changes that have been carried out during diversionary/installation works, details of any additional utilities not shown on the drawings, and of actual locations of utilities if different to that shown. This information shall be forwarded to the utility owner and to the designer to be compiled as part of the 'as-built' drawings.

3.5 **Project Programme, Timescales and Phasing**

- Envisaged Commencement Date: 28th September 2015
- Envisaged Completion Date: 26th October 2015
- Initial Notification to the HSE: 3rd December 2013

The above timescale is as envisaged prior to tender but may be subject to change prior to the award of the contract. The Principal Contractor shall confirm that the Works and associated phasing can be achieved within their actual programmed timescale, without prejudice to health and safety aspects of the contract.

3.5.1 *Phasing of Works*

The CDM Co-ordinator has been informed that will be no phasing of the works.

3.6 **Site Access, Compound, and Storage**

3.6.1 *Site Compound*

The locations of the site compound has not been agreed, deliveries will not be permitted to be made to the site due to its sensitive nature: all deliveries shall therefore be made off site at a location which is to be arranged by Forest of Dean District Council and made known to the Contractor prior to the commencement of work. The Contractor is required to transport all materials from the storage facility to the perimeter of the site where it should be transferred to vehicles suitable for use on site. The Principal Contractor will need to identify location for welfare facilities to service the works area detail of which is to be included in the Construction Phase Plan.

3.6.2 Site access

The site has limited access to large vehicles due to restrictive road widths on the existing accesses to the site and should therefore be taken into account by the Principal Contractor. The main access to the site is via a small bridge with a current weight restriction of 3 tons and is no wider than a conventional 4x4 vehicle. The Principal Contractor is therefore permitted to use items of plant which weigh no more than 3 tones in order to complete the works and should be of suitable width to cross the bridge. The Principal Contractor shall be responsible for assessing and ensuring the suitability of the plant he intends to use upon the site. The Principal Contractor shall ensure that all the prescribed accesses are suitable for his proposed plant and methods of working. In instances where the accesses are not suitable for his preferred methods of working and plant the Principal Contractor shall revise at his proposed methods of working. No proposed method of working shall be in conflict with the requirements of the Works Information and / or associated documentation

3.6.3 Storage and Distribution of Materials

Materials, plant and equipment shall be stored with due regard to the risks posed to pedestrians, vehicle traffic and site personnel. Where the risk of interference is high, compounds shall be constructed to provide a secure enclosure.

Only the minimum quantity of hazardous substances will be permitted to be stored on site in properly constructed and labelled containers so as to reduce potential environmental impacts and possible harm. Appropriate methods of containment for accidental leakage shall be implemented (e.g. bunding of oil storage). Materials and spoil storage areas shall be detailed in the traffic management plan.

3.6.4 Temporary Services / Welfare Facilities

The Principal Contractor shall provide and maintain appropriate welfare facilities. Details shall be provided in the Construction Phase Plan.

4 Interfaces

The Principal, Contractor will not be required to Interface with third parties, any requirement for this will be carried out by the Project Manager. If any third party communicates with the Principal Contractor or his appointed Sub contractor they are to be referred to the Project Manager or Site Supervisor

5 Existing Drawings & Reports

The drawing listed below have been issued as part of the tender documents

Number	Title	Originated from	Rev/Date
3511417R-HHC-100	Scheme Constraints Plan	Parsons Brinckerhoff	Rev 4/ 22-04-2014
3511417R-HHC-101	Existing Utilities Plan	Parsons Brinckerhoff	Rev 2 / 03-10-2013
3511417I-HHC-107	Vegetation Clearance Plan	Parsons Brinckerhoff	Rev 3 / 25-08-2015
3511417I-HHC-616	Phase Specific Access Routes	Parsons Brinckerhoff	Rev B / 10-06-2015
Figure E4(a)	Cinderford Northern Quarter, College Spine Road Development, Capture Measures	TACP	Rev 2 / 14/04/2015
Figure AC1	Access Channel Detail	Parsons Brinckerhoff	/ Aug 2015
2119	Cinderford Northern Quarter, Great Crested Newt Mitigation, Typical Pond Design	TACP	/ Aug 2015

6 RESTRICTIONS AFFECTING THE PROJECT

There are many restrictions that may affect the Works on this project, some of which may only exist during particular phases of the work. The Contractors shall identify all restrictions and the details of methods of work required to avoid conflict with them shall be recorded in the Construction Phase Plan.

6.1 Potential Restrictions

The following is a non-exhaustive list of potential restrictions that may occur. Particular restrictions relevant to the Works shall be identified during the risk assessment process.

- 6.1.1 Hours of work e.g. exam periods;
- 6.1.2 Maintenance of vehicular (including emergency services) routings and pedestrian access;
- 6.1.3 Programme e.g. windows for closure of road/utility/canal etc.;
- 6.1.4 Environmental issues e.g. to do with construction processes required; contaminated land or materials to be removed;
- 6.1.5 Hot works may be restricted due to adjacent premises. This should be reflected in the hot works permit system used on the site.

6.2 Identified Restrictions

The following restrictions have been identified, and apply to this contract:

6.2.1 *Restrictions on Access*

See section 3.6.2 above regarding access restriction

6.2.2 *Restrictions on the Work Site*

Prior to commencing works on site it shall be the responsibility of the Principal Contractor to satisfy himself that all utilities on site have been located, identified, disconnected, and diverted as required, **prior** to commencing work in the area. For further details, refer to section 3.4.5 above. The Principal Contractor should take note of the overhead electric power lines and the need to comply with safety measures recommended by the electricity authority.

6.2.3 *Restrictions on Working Hours*

Normal working hours will be as set out in the contract documents.

Works shall comply with the conditions and restrictions contained within the directions issued from time to time by the associated local authorities, together with any additional restrictions contained within the contract document.

6.2.4 *Environmental impacts*

The Contractor shall use his best endeavours to reduce potentially adverse environmental impacts so far as reasonably practicable. Actions to achieve this shall include:

- Minimizing noise, dust and vibration from work activities
- Minimizing waste and re-using materials where practicable
- Minimizing the effect of disturbance on mature trees
- Segregation and controlled disposal of special waste
- Appropriate standards of behaviour by on-site personnel
- Minimizing mud on the highway
- Other environmental impacts that are identified throughout the works shall be assessed by the contractor for adequacy of controls as they arise

The contract shall also refer to the works instruction for specific environmental issues

6.2.5 Noise / Dust / Vibration

The Contractor shall ensure noise/dust/vibrations are kept to a minimum. The Principal Contractor shall determine methods and processes of monitoring and control. This shall be detailed in the Construction Phase Plan.

Noise emissions on site shall comply with BS 5228 Noise Control on Construction Sites. The Principal Contractor is to ensure that overall noise levels are maintained at an acceptable level, particularly during night time working in residential areas.

7 TRAFFIC MANAGEMENT

- 7.1 A traffic management plan to ensure safe movements and interactions between vehicles and pedestrians, both on and adjacent to the site shall be complied with by the contractor. It shall cover all expected work activities, delivery and storage areas, and it shall be expanded and / or amended to cover new or altered activities as they arise.
- 7.2 The Principal Contractor shall include in his Construction Phase Plan his proposed traffic management plan for movement of materials from the allocated delivery point to the area of works.
- 7.3 The traffic management plan shall also provide for the requirement that the entrances and roads are kept clean and clear of obstructions, and prevent the spillage or deposit of clay, rubble or other debris on the entrance and other roads throughout the contract period.
- 7.4 The Principal Contractor shall be responsible for the design and implementation of all traffic safety management arrangements within the site and any affected areas outside of the site. He shall also be responsible for all associated consultations and for obtaining the necessary approvals for the arrangements.
- 7.5 It is the Principal Contractor's responsibility to ensure that the traffic management plan is acceptable to the local authority responsible for the road in question.

8 SITE WIDE ELEMENTS

The following health and safety issues relate to the site wide elements for which control measures are required by the Principal Contractor.

8.1 Site Welfare Facilities

The Principal Contractor shall provide in accordance with the CDM Regulations Schedule 2. These shall be maintained and upgraded as necessary throughout the duration of the contract.

8.2 Co-ordination of Traffic/Pedestrians

The Principal Contractor shall ensure that pedestrians and traffic are segregated so far as reasonably practicable on the site.

8.3 Site Access/Egress Points

The Principal Contractor is responsible for controlling access and egress to the site.

8.4 Removal of debris/rubble etc

The Principal Contractor shall arrange for regular removal of rubbish to authorised tips.

8.5 Emergency Vehicle Access

Access will be required to adjacent properties at all times.

8.6 Storage Area

The Principal Contractor shall arrange for safe storage of all materials on the site.

8.7 Delivery and positioning of plant, equipment, and materials

The Principal Contractor is responsible for planning and organising the positioning and movement of plant, equipment and materials across the site.

8.8 Identification and removal of any hazardous material

Known hazards are described in this document, but other hazards may arise during the works. The Principal Contractor shall assume that all unknown materials discovered are potentially hazardous, and seek advice before continuing. The Principal Contractor is responsible for arranging the safe removal and disposal of all such materials.

9 COMMUNICATION

Ongoing communication between all parties is a key element to maintaining safety. Any information that is relevant to other parties should be shared. If in doubt, tell all other parties.

The Principal Contractor shall arrange meetings at regular intervals (as appropriate to the stage of the works) to discuss issues that affect safety. Any (major) design changes should be discussed at these meetings.

9.1 Concerns

Current concerns in relation to health, safety or welfare shall be communicated directly between the contractors and the Principal Contractor/Site Safety Manager. Ongoing concerns will be communicated through the site meetings.

9.2 Audit of Processes

The Principal Contractor will undertake planned site safety inspections to supplement those undertaken by the Contractor's personnel. The frequency and timing of inspections will be determined by the level and nature of work activity.

Inspections shall include a sample audit of standards of safety management processes undertaken by the Principal Contractor in compliance with this plan. The CDM Coordinator shall be provided with reports from these audits.

9.3 Site Inspections

The Principal Contractor is responsible for conducting site inspections to ensure that safe working practices are maintained. Records shall be kept and copies forwarded to the CDM Coordinator.

An agreed schedule of inspections shall be included in the Construction Phase Plan.

9.4 Contact List

Role	Duty Holder	Contact Person	Position	Contact Details
Client	Homes and Communities Agency	Greg Morgan	Area Manager Gloucestershire	2 Rivergate Temple Quay Bristol BS1 6EH Tel: 0117 937 7239 Fax: 0117 037 7239 E-mail: Greg.Morgan@hsa.gsi.gov.uk

Role	Duty Holder	Contact Person	Position	Contact Details
CDM Coordinator	Parsons Brinckerhoff Limited	Odwyn Howells	Senior Engineer	29 Cathedral Road Cardiff CF11 9HA Tel 0292082 7000 Fax 0292082 7001 E-mail: howellso@pbworld.com
Principal Contractor	To be Appointed			

9.5 Additional Project Contacts

Role	Contact Person	Position	Contact Details
Project Manager	TBC		
Site Supervisor	TBC		
Ecologist	TBC		

9.6 Records

When requested, the Principal Contractor shall provide, or make available for inspection any information regarding health, safety or welfare on the project. Such information may include:

- Accident/incident statistics and normalizing data
- Accident/incident reports
- Site safety reports
- Method statements
- Details on the implementation of the Construction Phase Plan
- HSE communications

9.7 Display of Notices

The following list gives the CDM Coordinator's recommendations for notices to be displayed prominently in the site offices:

- Notification to the HSE – F10 (rev) form (mandatory to display)
- The major accident / emergency plan
- Emergency procedures and contact numbers
- The site rules
- Hazard warning signs

- Access restriction signs/pedestrian and traffic routing

9.8 Re-design Work, New Design Work

The Principal Contractor shall inform the CDM Coordinator of any proposed re-design or new elements of design required, **before** that particular work package commences.

10 HEALTH & SAFETY FILES

10.1 Existing Health & Safety File

Demolition and Ground Investigation work as been carried out on the site and at the time of preparing this Information Pack the CDM Co-ordinator for this works had not been provided with a copy of any Health and Safety File which has been prepared following those works. The files are made available before the commencement a copy will be made available to the appointed Principle Contractor.

10.2 Developed Health and Safety File for this Project

Throughout the life of the project, all contractors are responsible for ensuring that all their relevant information for the Health and Safety File is prepared and handed over to the Principal Contractor for onward transmission to the CDM Coordinator for inclusion in the Health and Safety File. Similarly the Principal Contractor shall forward any relevant information he possesses to the CDM Co-ordinator for inclusion in the Health and Safety File.

Information contained in the file needs to include that which will assist persons carrying out construction work on the structure at any time after completion of the current project and could include:

- Drawings, calculations and plans used and produced throughout the demolition and construction process along with the design criteria;
- General details of the construction methods and materials used;
- Details of the structure's equipment and maintenance facilities;
- Maintenance procedures and requirements for the structure;
- Details of the location and nature of utilities/services and their maintenance/isolation, including emergency and fire-fighting systems, equipment, routes, procedures etc.;
- Details of hazardous substances and safety data sheets;
- Load bearing details – retaining walls, piling, floors, walls, trusses and thrust blocks etc.
- Foundations, crane bases, etc.;
- Archaeological data relating to health and safety issues.

The Principal Contractor should refer to the ACoP pages 61 to 64 for further assistance regarding the file. A standard format of the contents and who is responsible to provide the information plus typical spreadsheet for sub contractors and materials schedules can be found in Section 14 of this file. All Health and Safety File information shall be provided both in hard copy and electronically (e.g. CD ROM or DVD). Initial "red line" drawings will be accepted provided these are legible, and will be replaced by CAD drawings within a reasonable timescale. Drawings at A3 size are preferable and must be legible.

Electronic format must utilise common packages such as Microsoft Word and Excel (but not Access). Drawings and other scanned documents shall be in pdf format, and not in any CAD format (e.g. DWG).

11 EMERGENCY ARRANGEMENTS

11.1 First Aid

A first aid box must be provided in the main site office, and at all mobile sites.

The Principal Contractor will be responsible for ensuring that the contents are replaced as necessary. The name of the First Aiders and the location of the first aid box are to be posted in the mess room/canteen.

11.1.1 First Aid, Fire Fighting and Emergency Arrangements

The Principal Contractor shall assess the site to determine the first aid and fire fighting requirements.

11.2 Emergency Assistance

The following are suggestions for telephone numbers and action plans to be displayed on the site notice board.

- Emergency telephone numbers

Emergency Contacts	Address	Contact Number
Local Hospital	<p>A&E Gloucestershire Royal Hospital Great Western Road Gloucester Gloucestershire GL1 3NN</p> <p>Minor Injury Unit Dilke memorial Hospital, Cinderford, Gloucestershire, GL14 3HX</p>	<p>A&E 03004 222 222</p> <p>Minor Injury Unit 0300 421 8640</p>
Fire Brigade	Cinderford Community Fire & Rescue Station Valley Road, Cinderford Gloucestershire GL14 2PA	HQ:0145 853333 In emergency ring 999
Ambulance Service	South Western Ambulance Service NHS Foundation Trust Abbey Court Eagle Way Exeter Devon EX2 7HY	01392 261500 In emergency ring 999
Police Service	Coleford Police Station Lords Hill, Coleford, GL16 8BQ	Non emergency 101 In emergency ring 999

- Major accident - emergency plan
- Major fire/explosion – emergency plan
- On discovering a fire – emergency plan

11.3 Reporting of Accidents and Dangerous Occurrences

Accident reporting arrangements between the Principal Contractor, the HSE and Client are to be developed and included in the Construction Phase Plan.

All accidents **MUST** be reported to the Principal Contractor for inclusion in the accident book. Any RIDDOR (Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995) reportable accidents/dangerous occurrences will be investigated and a report submitted to the Health and Safety Executive by the Principal Contractor, as required.

The Contractor shall ensure that all current legislation with particular reference to the Health & Safety at Work etc. Act 1974 is implemented in spirit as well as the letter of the law.

12 Specific Site Rules

Establish and display clear rules and procedures for all visitors to the site. The principal contractor will be required to provide detailed site rules within the Construction Phase Plan in addition to those specified by the client, based on his own judgement of the project. These should include:

- Training & Site induction
- Accident reporting
- Personal protective equipment
- Permits to Work

12.1 Client Site Rules

The following rules will be incorporated by the Principal Contractor into the Construction Phase (Health and Safety) Plan (a copy of which shall be kept on site at all times):

- Tools, materials etc. are not to be left unattended
- All waste must be stored in covered skips. No waste is to be burned on the site
- The playing of radios, personal CD players etc. will not be permitted
- Smoking will only be allowed in designated areas
- There will be no horse play
- Safety helmets and safety boots will be worn at all times

13 THE DESIGN

13.1 Construction and Hazardous Materials

13.1.1 Substances Hazardous to Health – during construction

The Principal Contractor shall continually monitor the project and ensure that substances hazardous to health are identified, along with the appropriate control measures.

Material safety data sheets shall be obtained for all substances hazardous to health in use as part of this project. All Contractors shall ensure the method of work, storage and disposal of this material is compatible with the requirements stated in the data sheet, and industrial best practice. A method statement shall be prepared, used and kept for the materials/substances in use.

13.1.2 Substances Hazardous to Health – during use of building or future maintenance / construction work

The Principal Contractor shall ensure that material safety data sheets are obtained for all substances hazardous to health, which are to be installed, or are discovered in the structure as part of this project, for inclusion in the Health and Safety File.

13.1.3 Potential Substances and Materials that may be present

The following list is a non-exhaustive list of substances and materials that may be present:

- Lead paint
- Asbestos
- Explosives
- Sharps
- Hazardous substances (dusts, solvents, gases, acids, alkalis, etc.)
- Biological agents
- Contaminated water course or soil

13.1.4 *Table of Substances and Materials identified at this stage*

Material / Substance	Use / Location	Alternatives considered.
Leptospirosis	Contaminated water	N/A
Foul atmosphere	Sewer	
Vermin	Canal area, sewers	N/A

13.1.5 *Tick bites and Lyme disease*

Work will be carried out in a country park that has deer roaming freely and hence there is a risk of this disease been passed to humans. Reference should be made to literature in Section 14 of this file.

13.2 **Construction Risk Management**

It is the policy of the client to attach the greatest importance to health and safety of all persons employed on the project, and directly affected by the works. The project will be constructed, so far as is reasonably practicable, in such a way that the risk to health and safety of all persons engaged in, or affected by its construction, use, maintenance and demolition are eliminated or reduced to an acceptable level under current health and safety legislation and good practice.

Method statements must be developed by the Principal Contractor and Contractors to manage and control hazards identified, see [section 13.4](#) for those identified to date. The Principal Contractor and contractors must carryout additional risk assessments and develop method statements as necessary throughout the duration of the project. The resultant method statements or safe systems of work should be documented.

The method statement provided must:

- Inform the reader of the task and the associated risks
- Inform the reader of what precautions are to be taken when faced with those risks
- Inform the reader of who will provide those precautions
- Inform the reader of the necessary plant, materials and equipment that must be utilised

It is important that unplanned situations or activities that have not been previously assessed, but that may give rise to risk, are assessed before work is started.

13.3 **Construction Risks - Summary**

The following is a summary of the type of risk activity associated with this project.

- Use of Chain Saws
- Cutting trees
- Manual handling
- Handling large pre-fabricated elements

The following health and safety issues have not yet been resolved and control measures are required from the Principal contractor/Contractor.

13.3.1 *The presence of onsite protesters*

The sensitive nature of the project and the location of the Works could result in the presence of onsite protesters and associated demonstrations. Detail of how this is to be managed is to be included in the Construction Phase plan.

13.3.2 *Interface with the public/unauthorised access*

Given the location of the works and the number of public right of way located in the area there is a high need to interface with the public to manage any unauthorised access. Detail of how this is to be managed is to be included in the Construction Phase plan.

13.4 **Significant Design Assumptions**

The CDM Co-ordinator has not been informed of any design assumptions that have been made in relation to this work.

14 ATTACHMENTS

The following attachments are included in this section

- Submitted F10
- Hazard Register
- Tick bites and Lyme disease
- Health and Safety File Contents and Responsibility
- Sub Contractor Spreadsheet
- Materials Supplied Spreadsheet

15 FURTHER HEALTH AND SAFETY INFORMATION (CDM 2015)

The Contractor will be required to develop a construction phase plan and comprehensive Method Statements and Health & Safety Risk Assessments for all works to be delivered as part of the contract. The Contractor will be responsible for the installation of appropriate systems to manage and mitigate any residual risks/hazards associated with the works to ensure the safety of all work personnel and members of the public. This includes supplying, displaying and removing all warning signs and work zone protection required as part of the works.

The Contractor will adopt the role of 'Principal Contractor' and will be responsible for health & safety and welfare at the site in accordance with the Health and Safety at Work Act 1974 and all supplementary legislation, including but not limited to the CDM Regulations 2015, for the duration of the Contract.

The CDM Co-ordinator for this project was originally appointed under the Construction (Design and Management) Regulation 2007 (CDM 2007) who will continue after the introduction on the 6th April 2015 new Construction (Design and Management) Regulation 2015 (CDM 2015). To take account of this situation, schedule 4 in the new regulation provides transitional arrangements for projects that were commenced before and extend beyond the 6th April 2015 deadline. Hence any pre-construction information pack provided accordance with CDM 2007 regulation is recognised as meeting the requirements of the equivalent provision in the CDM 2015 regulation.

It is the intention of the Client (the Employer) to terminate the CDM Co-ordinator appointment relating to this phase of the project following the awarding the translocation contract. From the time of change over it is expected that the Client (the Employer) will not appoint a Principal Designer for the remainder of this phase of the work, hence from that date the duty of delivering of the Health and Safety File is passed to the Principal Contractor in accordance with Regulation 12 (8).

Notwithstanding the above Client (the Employer), Designers, Principal Contractors and Contractors must comply with the Construction (Design and Management) Regulation 2015 from the 6th April 2015.