

Sort Project Management  
Unit M228  
Trident Business Centre  
89 Bickersteth Road  
London  
SW17 9SH

## **INTERCEPTOR REMOVAL**

The client's proposed project involves the demolition of the existing lean-to building, removal of interceptors and construction of a three storey end-terrace building at 3C Doggett Road, London, SE6 4PZ.

A site visit and inspection was conducted by Oakshire Environmental, on 24<sup>th</sup> November 2023, in order to confirm that the identified on-site interceptors were removed. During the inspection the surveyor was sufficiently satisfied that the interceptors were removed in accordance with the contractors Risk & Method Statement.

Photos and supporting documentation has been attached to this document.











# Method Statement & Risk Assessment

5 Doggett Rd, London, SE6 4PZ

Date: 21/11/23

Version: 01

Project No.: CC1097

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Rev No.	Date	Author	Rev Details
01	21/11/2023	Chris Charlton	First Issue

All revisions to this document will be included in **BOLD RED** text so that it can be easily identified. These red sections must be inducted to all current operatives but the **WHOLE** document must be inducted to all new operatives.

## Introduction

This method statement and risk assessment document is for the demolition works at the 5 Doggett Rd site. We will be completing these works as sub contractor with the Client being Sort Project Management Ltd.

Our proposed methodology for this project has come following a detailed review of the issued documentation, visiting site and consulting with the client team.

This document will remain a live document that will be revised should the working methods change or become unsuitable to complete the works safely. As the document is revised it will be issued to the relevant people for approval prior to the tasks starting.



In addition to these revisions the method will be checked weekly during a site documentation review. Any amendments made will issued to the Principal Designer for approval. It is the responsibility of the Supervisor to ensure that this document is up to date and a true reflection of the work methods on site and the risks being exposed to.

The risk assessments included with this have been chosen due to the presence of hazards within the site and works. All the control measures suggested in these assessments will be adopted and adhered to. These must also form part of the weekly review to check their suitability.

## Scope & Sequence

The contracted scope of works for this project will be completed in a sequence that is the safest and most efficient.



Any changes to the scope of works or methods used to deliver the scope must be documented in a revision to this document.

Major changes to the scope or methodology will result in this document being sent to the Principal Designer (PD) for approval.

- Site welfare Set-up by client
- Herras fencing perimeter to be installed by client
- Boundary wall survey (engineer to assist)
- Excavating and breaking of 3 no. concrete/masonry tanks
- Site Clearance of all other waste generated during the works
- Clear site

### **Working Hours**

**Monday – Friday - 08:00 to 18:00**

**Saturday – 08:00 to 13:00**

**Bank Holidays or Public Holidays – No site works**

It is anticipated that the works will take 1 week to complete starting from 23/11/23. This however is subject to the client providing access to the site.

No working outside of these hours will be permitted unless notification has been given to the client and they have approved the working in these hours.

## **Project Management**

The project is to be managed by the following CJ Charlton employees.

### **Managing Director**

**Name:** Chris Charlton

**Phone:** [REDACTED]

**Email:** [REDACTED]

### **Project Director**

**Name:** Daniel Thompson

**Phone:** [REDACTED]

**Email:** [REDACTED]

### **Operations Director**

**Name:** Will Bryan

**Phone:** [REDACTED]

**Email:** [REDACTED]

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## Contracts Manager

**Name:** Charlie Hutton

**Phone:** [REDACTED]

**Email:** [REDACTED]

## Site Manager

**Name:** Tony Beckingham

## Current Major Site Hazards

### Working Around Moving Plant & Vehicles

During the excavation works there will be excavators and vehicles moving around the site. This poses as a risk for site personnel moving around the site especially as the site is compact.

Personnel must have safe routes leading from the site entrance to the welfare area. When on site personnel must keep clear of all moving plant and vehicles. Hi vis vests must be worn and personnel should always make themselves seen to the operator/driver when moving past.

All CJ operatives are to have asbestos awareness training. If any ACM are spotted during the demolition works then works must stop and the site management informed.

### Structural Stability

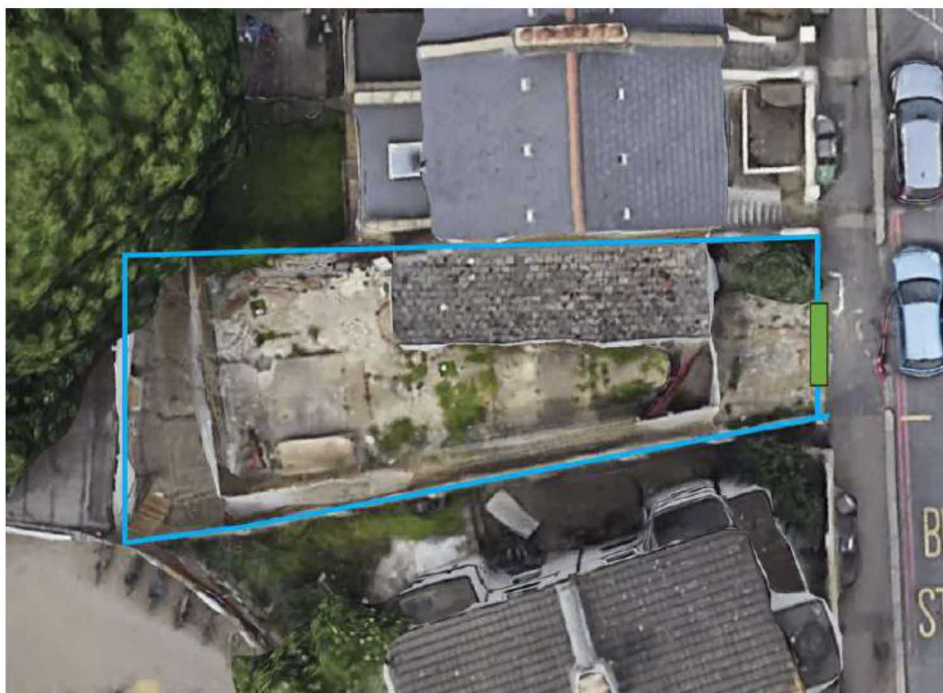
During the removal of the tanks, retaining structural stability of the boundary wall is crucial. Excavation activities are only to be completed by demolition operators who are trained and competent. The method for demolishing the structure is to be followed at all times.

The onsite engineer is to assist with inspecting the boundary wall prior to excavation to check for potential stability issues or undermining. The removal of the tanks will only be completed once confirmation has been received that the engineer has completed their inspection. During the demolition works operatives and visitors are to be kept clear of the building at all times.

## Site Boundary Line

The site boundary for the works will consist of a Herras fencing boundary. This is being erected by the client prior to the start of the works. This boundary needs to safely contain the works and the vehicles making deliveries and waste collections.

The boundary fencing will need to be installed so that it does not obstruct any of the surrounding access to neighbouring properties or the pavements.



During our time on site the boundary line will be checked to ensure it remains undamaged and suitable containing the works.

If the boundary is seen to be unsuitable at any point during the works it must be rectified immediately as keeping members of the public out of the site is a high priority.

## Access, Egress, Parking & Deliveries

### Site Access & Egress for Vehicles

The existing entrance to the property from Doggett Rd. Vehicles are to use the same entrance and exit point. A Banksman is to assist with larger vehicles entering the site and for when vehicles want to leave site.

All vehicles will need to reverse into the site and then drive out the same gate. This must be controlled by a Banksman who must stop pedestrians and other vehicles prior to reversing into the site. Vehicles will then also be managed by the banksman when it is time to leave the site.

The site is extremely constricted and there will be minimal room on site for more than one vehicle at a time. Vehicles must be scheduled to ensure they do not come to site and cannot enter the site.

No vehicles are permitted to park on the surrounding pavements along Doggett Rd as this is likely to damage them.



### **Parking**

Parking on site is not possible and all workers/ visitors are to check with the Supervisor before bringing a vehicle to site. Only parking in designated areas and never block surrounding roads or properties.

### **Deliveries**

All delivery/collection drivers must wear full (4-point PPE) when on site outside of their vehicles. Drivers are only permitted to be immediately next to their vehicles for loading/inspecting and must not walk into the into the site. If they are required to enter the work areas they must firstly receive a full induction.

We will adopt the following safety procedures to ensure the safety of our staff and other people us. These will include;

- Not driving over the speed limit when approaching the site
- Never using phones while driving on site
- Always giving way to other road users
- Do not block the entrance to other businesses or residential properties

All vehicles must leave site in a slow and controlled manner ensuring that no curbs are driven over, or corners cut.

No construction vehicles of any size are to wait on the roads surrounding the site. Vehicles making deliveries/collections will be required to phone ahead to site to ensure that they can access the site and the material they are collecting is ready for them or there is sufficient space on the site to take the delivery.

Deliveries will ideally be completed during off peak hours. Peak Hours are classed as 07:30 to 09:30 and 14:30 to 16:00. These peak hours will see the most pedestrian and vehicle traffic from people going to school/work, etc.

## Site Security

Site security is important to ensure that members of the public do not enter the site during the working shift and also out of site hours. The following controls will be put on place on this site.

- During the day the gate will be manned by a banksman. They will control vehicles and pedestrians entering and leaving the site.
- The structure is to be locked at the end of each work shift and during the day. Members of the public must not be permitted to access the building at any time.
- Tools and equipment are to be locked away at the end of each shift
- Warning signage is to be displayed on the boundary fencing warning people of the dangers of entering the site.

## Site Setup

### Welfare Facilities

Welfare facilities are to be provided in the way of standalone welfare cabins positioned within the site boundary in a safe location away from the works. The welfare must be easily accessible from the site gate. The welfare should be fenced off site activities.

Facilities should exceed the requirements of the Construction (Design and Management) Regulations 2015 and incorporate the smoke-free (Premises and Enforcement) Regulations 2006.

The site welfare should consist of the following,

- Suitable numbers of sanitary conveniences, which reflect the number of, people working on the site and which are adequately ventilated and lit.
- Washing facilities, which provide basins large enough to allow people to wash their faces hands and forearms and a supply of clean hot and cold, or warm, water.
- Storing and changing clothing.
- A suitable supply of drinking water and drinking vessels.
- Microwaves for warming food

- Electric kettle for making hot drinks with an adequate a number of cups and cutlery for the workforce.

Any problems with the welfare will be voiced to the Supervisor immediately.

The welfare must be kept in a clean and tidy condition. Toilets and sinks must be cleaned after every break time, consumables replaced, and bins emptied. There needs to be adequate hand washing facilities on site with disinfectant sprays/wipes in the canteen/toilets.

## Site & Worker Appearance

The appearance of the site is very important to ensuring that the C J Charlton brand is seen in good light and also that people's perception of the development is a good one.

All workers will adhere to the following things at all time when travelling to or being on site;

- Set the site up so people can walk from the gate to the welfare in a safe route without being able to walk off into the site.
- Make sure everyone is given clean PPE (hi vis and hat) at the start of the project
- In the morning do not park inconsiderably outside the front of the site by blocking pavements and listening to loud music
- Keep the welfare and site entrance tidy
- Do not drop litter around the welfare or anywhere on site
- Keep the office area tidy and presentable. It is a project office and not a canteen.
- Always ensure there is enough PPE on site for visitors.
- When leaving the site to go to shops etc. always conduct yourself in a professional manner as you are still representing the company.
- When driving to site in company vehicles always drive cautiously and abiding by the rules of the road.

## Works Methodology

### Tank Excavating & Breaking

Prior to removing the tanks the engineer must have confirmed that the works are not going to affect the stability of the boundary wall.

The tanks are approximately 2m deep from the manhole to the base and are constructed from masonry walls with a concrete top and bottom. All materials are being removed.

**Objective:** The objective of this method statement is to outline the safe and efficient procedure for breaking out the three concrete and masonry tanks using an excavator with a

hydraulic breaker, and subsequently loading and removing all debris from the site. Works must be completed without affecting the stability of the boundary wall.

**Scope:** This method statement covers the demolition of three ground-embedded tanks and the removal of resulting materials using appropriate machinery and equipment. There are tanks remaining so confirm with site management to clear mark which tanks are being removed.

#### **Materials and Equipment:**

- Hydraulic Excavator with Breaker Attachment
- Personal Protective Equipment (PPE)
- Safety Barriers and Signage
- First Aid Kit
- Fire Extinguishers



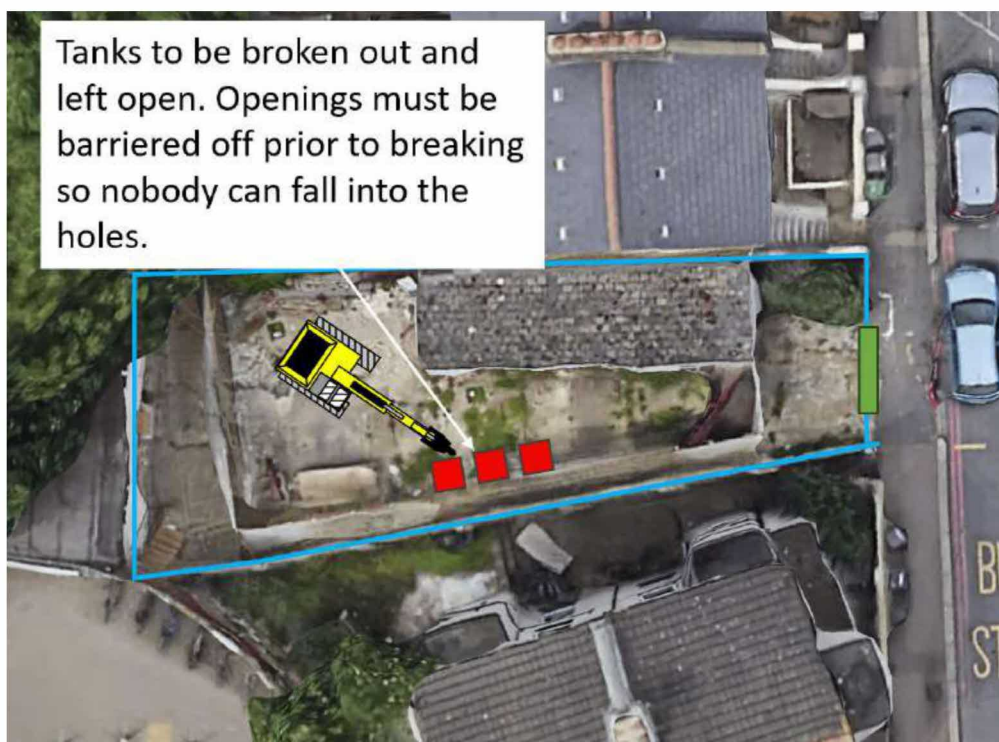
**Health and Safety Precautions** All personnel involved in the demolition process must wear appropriate PPE, including hard hats, steel-toed boots, high-visibility vests, and ear protection. A qualified operator will be assigned to the excavator and must adhere to all safety guidelines. The work area will be cordoned off with safety barriers, and warning signs will be prominently displayed. First aid kits and fire extinguishers will be readily available on-site. Regular toolbox talks will be conducted to reinforce safety protocols.

#### **Sequence of Work:**

**Site Preparation:** Confirm the location of underground utilities to avoid damage during excavation. Establish a secure perimeter around the work area using safety barriers and warning signs.

**Excavation and Breaking Position** the excavator with the hydraulic breaker attachment near the first tank to be demolished. Gradually break down the tank structure, starting from the

top and working towards the base. Exercise caution to prevent damage to surrounding structures and utilities. Repeat the process for the remaining tanks. Ensure the sides of the excavations are battered as much as possible .



**Debris Removal:** Use the excavator to load the broken concrete and masonry into dump trucks or skip loaders. Ensure that loading is done safely, avoiding overloading of vehicles. Transport loaded vehicles to an authorized disposal site. Dispose of debris in accordance with local regulations and environmental guidelines.

**Site Cleanup :** Inspect the work area for any remaining debris. Conduct a final sweep to ensure no damage to adjacent structures. Restore any disturbed ground to its original condition. Leave fencing in place around the openings.

## The End of the Works

Prior to the end of the project and handing the site back to the client end of the following things are to be completed to ensure that the equipment leaves site in a tidy condition and the site is handed over in a tidy a condition as possible;

- The site must be cleared of all rubbish, paying special attention to the front of the site. The site must not be left with any crisp packets, drink cans etc.
- Arrange for the client and senior management to come to site to ensure that all the agreed works have been completed. This must be completed within good time of the end of the project and whilst the operatives and plant are still on site.
- If any hazards remain on site these must be notified to the client via a site layout with them marked. (remaining services, trip hazards etc.)

These items must be completed, and it is the responsibility of the Site Supervisor to ensure that they are completed before the site is handed back.



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## Health & Safety

### Site Induction

Upon entry to site at the start of the contract all CJ Charlton operatives must undertake the site induction. This induction will be required by all personnel working on the site. The client may wish to complete their own induction this must be completed also.

These RAMs must be inducted to everyone on site by CJ Charlton this will communicate the specific works and hazards on site. It will also give the inductee knowledge of the logistics strategy for the site. All visitors not inducted must be escorted around site and will require to complete the full induction if they are to be left unattended.

In these induction, you will be given the site logistics and information regarding the location of the welfare. This welfare is to be kept clean and tidy at all times.

The agreed method for the works will be inducted to you and all the pre-identified risks. The control measures for these risks will also be explained. If any discrepancies in the method are identified with the method during the induction these must be told to the site manager at this time.

It will also be made clear that 4-point PPE (boots, hi vis, gloves and helmets) will be mandatory on site. There will also be information regarding any exclusion zones or areas that will require additional PPE such as hearing protection during any concrete breaking.

### Site Signage

The following signage must be displayed around the site as a minimum;

- Danger Trip Hazards
- Open edges
- Exclusion zones
- Contact details for Supervisor on the front fencing

### Training

Everyone on site must be suitably trained for their role. This will be identified prior to their arrival to site. During the site induction proof of training and competency will be asked for. Copies of training certification must be available on site.

If new workers are brought to site, they must come with their training certification. Access to site will not be permitted unless the training certification is available.

No plant and equipment can be used by anyone other than the trained operator who has permission by the site management to operate such plant/equipment including the relevant training certification.

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## Plant & Equipment

All plant and equipment that is brought to site must be suitable for the task and used according to the manufacturers requirements. All plant and equipment must be thoroughly inspected with all thorough examination certificates in the site file.

Pre-start checks must be undertaken and completed for all plant and equipment. Details of the inspections and any findings must be documented within the PUWER register which is within the site file. Any damaged or faulty equipment must be taken out of the work area and clearly marked **NOT TO USE** until a replacement can be found or it can be repaired.

All plant must only be operated by operators with CPCS qualifications. All plant must be thoroughly maintained whilst on site. When not in use keys are to be removed. When being operated seatbelts must be worn at all times.

## Emergencies & First Aid

A full fire and emergency plan is to be inducted to all operatives prior to the start of the works and will be included within the induction prior to the start of the works.

The fire plan will illustrate which fire extinguishers are present on the fire points and which can be used on the different types of fires.

All persons qualified in First Aid must be contained in the emergency plan. Their contact details must be communicated to everyone during the induction, with the location of the first aid box and accident book also included.

## Personal Protective Equipment

PPE is to be worn on site at all times by workers, visitors and vehicle drivers. The following PPE must be worn at all times whilst on site. (refer to asbestos removal section for PPE specially worn by asbestos cement removal operatives)

- Working boots with sole and toe protection (not rigger boots)
- Hard hat
- Hi-vis
- Gloves
- Face fitted FFP2/3 face masks (as required)

When not in use PPE must be stored in the changing area. If disposable PPE is used then once it has been finished being used it must be thrown away and your hands washed.

## Nearest A&E

In the event of site personnel needing to go to A&E this is the closest one.

0.6 miles away

## University Hospital Lewisham

**Open for anyone 16 years or over**

Opening times:  
Open 24 hours

Lewisham High Street, London, SE13 6LH

07920 123 971

3 min (0.7 mile)

via Doggett Rd, Bradgate Rd and A21  
Best route now due to traffic conditions

**Oulematou Cleaning Services Limited**  
25A Doggett Rd, London SE6 4PZ

↑ Head north on Doggett Rd

0.2 mi

→ Turn right onto Bradgate Rd

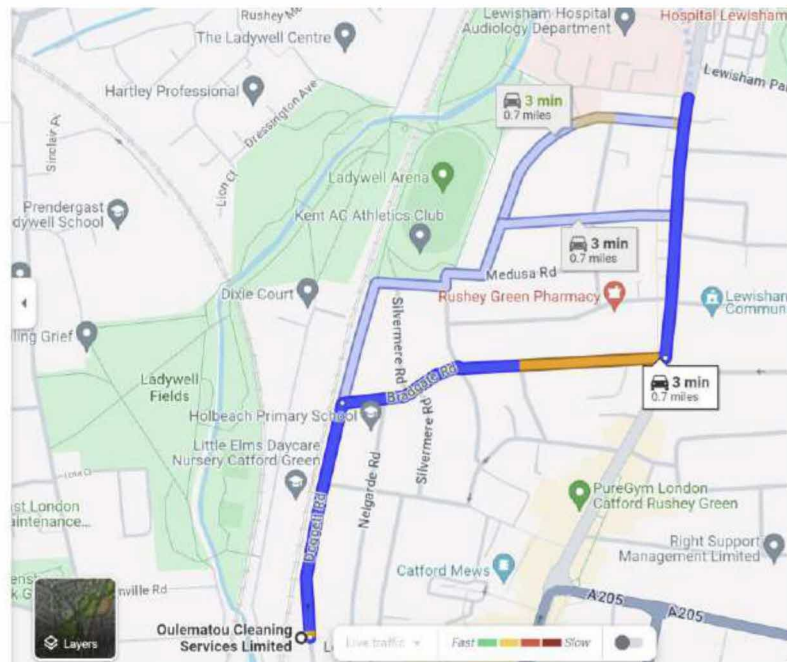
0.3 mi

↶ Turn left onto Rushey Grn/A21

📍 Continue to follow A21

0.2 mi

**University Hospital Lewisham**  
Lewisham High St, London SE13 6LH



## Environmental Considerations

- **Noise** – plant and equipment must not be started before 08:00.
- **Dust** – During the removing of the masonry and concrete dust masks may need to be worn. Water sprays may be used to suppress the dust. This will either be from water hoses or dust boss units

- **Dirt on Surrounding Roads** – The wheels of vehicles are to be checked before they leaving the site. If necessary a pressure washer will be used to clean of vehicles before they leave the site.
- **Hazardous Materials** – Has not been identified on site during the current scope. If hazardous materials are discovered the Supervisor must be notified immediately. Works will stop until the material can be identified/cleared away
- **COSHH** – all oils and fuels on site are to be kept on drip trays and not stored near open drains. Ideally to be stored on hardstandings so that if there is a soil they can be cleared up before they seep into the ground.

## Neighbourhood Consideration

- CJ Charlton are not acting as PC for this project and will adopt the following practices to ensure that the impression of the site is a positive one and that our works affect the surrounding neighbours as least as possible.
- Best endeavours will be made to eliminate any pollution or dust/particle migration from the site. Not a real concern during these works but still must be considered for loading bins with rubbish. All bins are to be covered at the end of the shift to ensure that dust cannot blow out of the bin.
- No music radios are permitted on the site at any time and loud shouting especially close to boundary lines should be avoided.
- We will maintain on site, a system for recording any incidents and any ameliorative action taken. If incidents do occur the client must be informed immediately. All complaints will be recorded on site with all works completed in accordance with BS 5228-1:2009+A1:2014.
- No loud talking or shouting is permitted by operatives prior to the 08:00 start time for the site.
- Vehicles must not block the neighbouring properties or roads
- The details of the Site Manager will be displayed on the project information board outside of the site entrance so that the site can be contacted.

## Risks & Controls

The risk assessments for the Doggett Rd project have been chosen due to the identified hazardous tasks likely impact on the workers and other people in the work area.

Prior to appointment and an actual start date on site these will be revisited to check they remain adequate. They will also be checked regularly throughout the project and should the scope of works change.

Risk is assessed in accordance with the HSE’s Guidance Note INDG16 “Five Steps to Risk Assessment” as: -

- Look for the hazards
- Decide who might be harmed and how
- Evaluate the risks and decide what control measures are required
- Record the findings
- Review the assessment and revise it if necessary

0 – 5 = Low Risk		Severity of the potential injury/damage				
		Insignificant damage to Property, Equipment or Minor Injury	Non-Reportable Injury, minor loss of Process or slight damage to Property	Reportable Injury moderate loss of Process or limited damage to Property	Major Injury, Single Fatality critical loss of Process/damage to Property	Multiple Fatalities Catastrophic Loss of Business
6 – 10 = Moderate Risk		1	2	3	4	5
11 – 15 = High Risk						
16 – 25 = extremely high unacceptable risk						
Likelihood of the hazard happening	Almost Certain 5	5	10	15	20	25
	Will probably occur 4	4	8	12	16	20
	Possible occur 3	3	6	9	12	15
	Remote possibility 2	2	4	6	8	10
	Extremely Unlikely 1	1	2	3	4	5

Risk	Score	Comment
Low	1-6	Usually an acceptable level provided that the control measures are adhered to
Medium	8-10	Further controls may be needed .e.g. better equipment, strict supervision of task, additional training
High	11-15	<i>Task must not proceed.</i> Reassess the risks for all hazards and introduce better control measures.
Extremely High	16-25	<i>Task must not proceed.</i> New methodology needs to be developed for the task

## Risk Assessment

Activity: **Manual Handling**

### Hazard Identification and Risk Evaluation

	Hazards	Who is affected and how	Risk Evaluation	Residual Risk
1	Torn muscles, ligaments	Operatives	Medium	Low
2	Broken bones	Operatives	Medium	Low
3	Cuts & abrasions	Operatives	Medium	Low
4	Work related upper limb disorders	Operatives	Medium	Low/Medium
5	Trapping	Operatives	Medium	Low
6	Pinching	Operatives	Medium	Low

### Control Measures/Safe working Methods

The hazards (problems) above relate to the control measures (solutions) below. Implementing these measures will reduce the risk.

1	Ensure all operatives are trained in manual handling and the correct methods of lifting (Kinetic).
2	Assess the object to be handled and if required employ mechanical methods of lifting.
3	Ensure that the correct PPE is worn: Gloves, overalls, foot protection
5	Assess whether the object can be lifted by employing a second person. Do not carry heavy objects repeatedly or for any length of time
6	Ensure that the route where the goods are being carried is clear and free from trips, slips and objects. Ensure that the area where you are picking up and setting down has ample room to manoeuvre.
7	Ensure that the objects have good hand holds and that they will not pinch whilst carrying or setting down

Risk Assessment				
Activity:		Slips, trips and falls		
Hazard Identification and Risk Evaluation				
	Hazards	Who is affected and how	Risk Evaluation	Residual Risk
1	Broken bones	Operatives & third parties	Medium	Low
2	Crushing	Operatives & third parties	Medium	Low
3	Cuts/Abrasions	Operatives & third parties	Medium	Low
4	Manual Handling Injuries	Operatives & third parties	Medium	Low
5	Work related upper limb injuries	Operatives & third parties	Medium	Low
Control Measures/ Safe Working methods				
The hazards (problems) above relate to the control measures (solutions) below. Implementing these measures will reduce the risk.				
1	All operatives to have training in good housekeeping, removing all waste and debris wherever possible to maintain a clean and clear site. All spills should be cleaned up immediately to prevent slippery floors.			
2	Ensure that all walkways are kept clear and that no loose heavy material is within the area. Ensure that all routes for manual handling are kept clear and that all surfaces are even, dry and free from debris and dust.			
3	Ensure footwear is suitable and kept in good condition			
4	Area' may need to be barriered off to prevent access or sufficient signage be placed to make others aware of the hazards			

## Risk Assessment

Activity: Fire Hazard

### Hazard Identification and Risk Evaluation

	Hazards	Who is affected and how	Risk Evaluation	Residual Risk
1	Fire causing damage to property	Property on the site or third party property could become cosmetically or structurally damaged by fire	High	Low
2	Fire causing Injury to personnel	Operatives and other site personnel could become injured by fire	High	Low

### Control Measures/ Safe working Practices

The hazards (problems) above relate to the control measures (solutions) below. Implementing these measures will reduce the risk.

1	Combustible materials are not to be stockpiled in the site areas especially next to retained property. They must be cleared away and placed in the appropriate bin
2	Adequate fire points must be available throughout the work areas. Due to the nature of the works they will be moved around depending on where the work areas are. These fire points will have fire extinguishers, an air klaxon and details on who to call in an emergency and the sites address details.
3	A fire fighting point will be available at the fuelling bowser. This fire extinguisher will be powder/co2. A spillage kit will also be available at the fuelling points so that the spillages can be cleared up immediately.
4	No smoking is permitted near the fuel bowser, within any buildings or the within the woodland areas. A smoking area is to be set up close to the welfare areas. A bucket of sand is to be placed near the smoking area for discarded cigarettes.
5	The contact details for the site must be made available at each work area so that should there be a fire the emergency services know the address of where to go
6	Emergency klaxons are to be made available at each work area so that the alarm can be raised in the event of a fire. All personnel with meet at the designated muster point in the event of a fire. Nobody should go back to site until the Supervisor/Fire marshal has given permission and everyone has been accounted for.
7	Any spillages of petrol/diesel on site must be cleared away using the provided spillage kits. Materials used for clearing up spillages must be disposed of in the spillage kit bin and not with the other waste materials. Drip trays to be at all fuelling points.
8	Any hot works on site must be accompanied by a hot works permit issued by the Supervisor. All of the controls set out in the permit must be followed. The permit must be signed off at the end of the shift or when the works are completed. A new permit will be needed at the start of each hot works task or each day.
9	Any heaters in the welfare facilities must be used correctly and turned off when not in use. Heaters must never be covered with materials to dry them as this can cause fire.



## Risk Assessment

Activity: Exclusion Zones

### Hazard Identification and Risk Evaluation

	Hazards	Who is affected and how	Risk Evaluation	Residual Risk
1	Materials leaving the exclusion zone	Operatives/visitors	Medium	Low
2	People entering exclusion zone and getting injured	Operatives /visitors	Medium	Low
3			Medium	Low

### Control Measures/Safe working Methods

The hazards (problems) above relate to the control measures (solutions) below. Implementing these measures will reduce the risk.

1	Ensure exclusion zones are set up in accordance with the NFDC guidance notes publication. A copy of this document should be left on site at all times
2	The fencing around the bins should be far enough away that should anything miss the bin then the materials still remain within the fenced off area.
3	Warning signage is to be displayed on the fencing warning site personnel not to enter the area
4	All workers are to be inducted on the safe use of the exclusion zones and how they are to be set up. Visitors will be informed of where the exclusion zones are and the areas that need to be avoided.
5	Ensure that the route where the goods are being carried is clear and free from trips, slips and objects. Ensure that the area where you are picking up and setting down has ample room to manoeuvre.
6	The fencing making up the exclusion zone is to be secured with double clips and closed off at the ends so that none can enter the area.

Risk Assessment				
Activity:		Noise		
Hazard Identification and Risk Evaluation				
	Hazards	Who is affected and how	Risk Evaluation	Residual Risk
1	Deafness – Acute or chronic	Operatives & third parties	Medium	Low
Control Measures/ Safe working Methods				
The hazards (problems) above relate to the control measures (solutions) below. Implementing these measures will reduce the risk.				
1	Ensure all operatives have training in the use of noisy equipment			
2	Ensure ear defenders are worn and conform to the latest BS/EN standards			
3	Install noise baffles to reduce unwanted noise			
4	Limit the exposure times for noise over 85db			
5	Use low noise emission equipment where possible			

## Risk Assessment

**Activity:** Loading and unloading of vehicles

### Hazard Identification and Risk Evaluation

	Hazards	Who is affected?	Risk Evaluation	Residual Risk
1	Slips and trips on or off lorry	Driver	High/Medium	Medium
2	Objects falling from vehicle	Driver & Third parties	Medium	Low
3	Being struck by moving vehicle	Operatives & Third parties	High	Low
4	Being struck by falling objects during lifting	Driver & Operatives	High	Low
4	Falls from the lorry	Driver	High	Medium

### Control Measures/Safe Working Methods

The hazards (problems) above relate to the control measures (solutions) below. Implementing these measures will reduce the risk.

1	Safe access required- Do not jump on/off of lorry. Use steps/ladder provided. Ensure steps/rungs are free from grease & dirt. Caution: steps will be slippery during wet/ icy conditions. Appropriate non slip footwear to be worn.
2	All tools & equipment to be stored correctly & away from edge to avoid injury from falling objects, if lorry to be used as working platform then edge protection MUST be used. Footwear must have toe caps.
3	Reversing area to be used where possible. The vehicle is to be accompanied by a banksman at all times whilst reversing. PPE to be worn when getting out of cab: Hard hat, high visibility vest/jacket, safety boots.
4	Ensure Safe Working Load (SWL) is clear & visible; SWL alarm (if fitted) is in good working condition. Ensure slinging is followed as per Lift Plan. Under no circumstances should any person walk under the load being lifted. The lifting gear should only be operated by a trained and competent person
5	Handrail System- Ensure ALL posts are placed correctly & ratchet straps are tight & secure. If client has provided fall protection then ensure it is used correctly.

## Risk Assessment

Activity: Using Excavators & Other Plant

### Hazard Identification and Risk Evaluation

	Hazards	Who is affected?	Risk Evaluation	Residual Risk
1	Contact with Pedestrians when tracking or slewing	Pedestrians	High	Medium
2	Overturning	Driver and those in vicinity	High	Low
3	Semi-automatic quick hitches	Those in vicinity	High	Low
4	Overhead and Underground Services	Operator and those in vicinity	High	Low
5	Untrained Operators	Driver and those in vicinity	High	Low
6	Poorly maintained equipment	Driver and those in vicinity	High	Low

### Control Measures

The hazards (problems) above relate to the control measures (solutions) below. Implementing these measures will reduce the risk.

1	Adhere to vehicle routes where possible. Pedestrians should adhere to walkways, wear high viz and be aware of machinery close by. Ensure flashing beacons are functioning and that all round visibility is maintained (mirrors or CCTV), allow a minimum of 600mm clearance between body of machine and any fixed structure.
2	Work within safe limits, do not overload excavator or traverse slopes diagonally. Ensure excavator is of sufficient size for depth of dig.
3	Manual, automatic and semi-automatic quick hitches can be used to secure buckets to the excavator arm. A number of deaths have occurred in recent years when the bucket has fallen from the machine. If your machine has a semi-automatic quick hitch: <ul style="list-style-type: none"> <li>You should be adequately trained on the use of quick hitches in general and the specific hitch on the machine in use</li> <li>The correct retaining pin must be available on the machine</li> <li>ALWAYS check the pin is in place on the hitch before starting the work and every time a different attachment is fitted. If you cannot see from the cab – get out and look from the ground</li> </ul>
4	<b>Overhead:</b> refer to Construction phase plan and GS6. If lines are live, goalposts are required to ensure clearance, machines may be modified so they cannot reach into danger area. IF A LIVE O/H CABLE IS STRUCK: Do NOT step down – this can be FATAL. Remain in the machine unless it is on fire, if so – jump well clear. <b>Underground:</b> obtain permit to dig – ground should be scanned and services identified and clearly marked. Areas close to service locations (within 500mm) should be hand dug.
5	Only competent operators should driver an excavator. They must have received training to CPCS or equivalent standards, be experienced in the site conditions, and be authorised to operate it. Always remove keys from excavators and park safely to avoid unauthorised persons operating.
6	Maintenance of excavators is important. Drivers should carry out daily and weekly checks and record these (weekly) in the PUWER Register. Any defects must be reported immediately and if the defect affects safe working then the excavator must be taken out of service. A thorough Examination Certificate is required for excavators (12 monthly) and for the lifting accessories that attach to them (6 monthly)
	Dumpers are not to be loaded when operators are in the seat. When being driven seatbelts must be worn. ROPS must be in place at all times. Roller operators must wear seatbelts at all times

# Sign Off Sheet

I/We have read and understood the above Risk assessment/method statement and will carry out the work in a safe manner

Revision No.	Name:	Signature:	Date: