



The Coal
Authority

Small Works Pre- Construction Information

The Coal Authority

I-348623 – [REDACTED] Thistle
Road, Langley Moor, DH7 8HJ

Co-ordinates [REDACTED]

The following document and associated attachments draws together the arrangements for managing the significant health and safety risks associated with the pre-construction phase of a project to enable a suitable and sufficient construction phase plan to be completed.

Description of the Project	
<p>1. Project description including PS&S INFERIS Reference Number and programme including any key dates</p>	<ul style="list-style-type: none"> • The works comprises of investigations and remediation of settlement of the fill above the shaft cap at shaft no 425539-002. • Investigations are to be carried out, by cutting out a 5m x 5m section (size to be confirmed during pre-start meeting) of the 250mm thick reinforced concrete road slab. The slab has been reinforced using A393 mesh in the bottom and Polypropylene Fibres throughout. • A JCB is then to be used to investigate the condition of the existing fill material above the shaft cap. All investigation works are to be carried out in the presence of the Coal Authority’s Regional Project Manager. • In the event that the feature interferes with any drainage, repairs and/or fill shall comply with the Specification. Where such works are required, the Statutory undertaker shall be consulted and approval gained prior to the carrying out of repairs or reinstating fill in such circumstances. • The features shall be treated as per the Engineer’s instructions. • Any voids encountered will be filled using compacted Type F1 stone or mass concrete. • The existing road slab is then to be replaced, using a doubly reinforced (A393 mesh top and bottom) RC35/20 concrete. H12 400mm long dowels are to be resin fixed in to 14mm diameter x 200mm deep holes drilled, at 300mm c/c, in to the exposed edge of the existing road slab. The dowels will then be cast in to the proposed concrete road repair. • In the event that the liability for the ground collapse is shown to lie with a third party, the Regional Engineer may direct that the site be handed over to the responsible party and the requirement for any further works may be terminated. • Reinstatement site to the satisfaction of the Regional Project Manager. • The Authority’s Project Manager may instruct additional works as may be determined on site. • Provide a copy of all site records to the Project Manager as required in the contract. • The works are programmed to commence

	<p>at a date to be agreed between [REDACTED] and Balfour Beatty and are envisaged to be of approximately 3 days in duration.</p>
<p>2. Details of Client, Principal Designer, Designers, Principal Contractor and other Consultants including contact number(s)</p>	<ul style="list-style-type: none"> • Client = The Coal Authority (TCA) - 01623 637000 • Principal Designer = [REDACTED] (TCA) – [REDACTED] • Designer = [REDACTED] (MO) – [REDACTED] • Principal Contractor = Balfour Beatty - [REDACTED] – [REDACTED]
<p>3. Extent and location of existing records and plans that are relevant to health and safety on site, including information about existing structures when appropriate</p>	<ul style="list-style-type: none"> • It is recommended the Principal Contractor visits the site to satisfy themselves as to the nature and use of the immediate environment. • Details of existing service routes have been provided by TCA.
<p>Client's Considerations and Management Requirements (Delete/add to as appropriate)</p>	
<p>4. Planning for and managing the construction work, including any health and safety goals for the project</p>	<ul style="list-style-type: none"> • Zero accidents • SHE observations • Near misses • Ensuring sub-contractors and others have the necessary health and safety information, instruction, supervision and competence • Ensure that all workers receive a project specific induction prior to starting work • Visitors are escorted while on site
<p>5. Communication and liaison between client and others</p>	<ul style="list-style-type: none"> • Pre-start meeting • Meeting with MGF personnel required where a) signing in/out arrangements and b) MGF's fire plan are to be discussed.
<p>6. Security of the site</p>	<ul style="list-style-type: none"> • HERAS fencing x2 clipped/locked gates
<p>7. Welfare provision</p>	<ul style="list-style-type: none"> • Purpose designed vehicle/portable facilities or • Pre-arranged written land owner agreement to use their facilities
<p>8. Site transport arrangements or vehicle movement restrictions, boundaries and access, including temporary access - for example narrow streets, lack of parking, turning or storage space</p>	<ul style="list-style-type: none"> • Traffic management plan • 'Banks man' to supervise vehicle movement • 'Stop blocks/edge protection • Segregate pedestrians from plant/vehicles. • The site is currently used for the storage of heavy civil engineering shoring equipment which is used for deep excavations. Large sheet piles and boxes are stock piled in the vicinity of the area to be investigated. The Contractor must consider this issue when preparing traffic management plan

	<ul style="list-style-type: none"> Fork lift trucks, delivery wagons etc. are continuously moving around this site. The contractor should liaise with MGF personnel when preparing their traffic management plan. The factory unit is within Meadowfield industrial Estate, off Thistle road. Access the area of work is via a wide gate then 45m across a flat concrete yard. Post code DH7 8HJ.
9. Fire/explosion precautions	<ul style="list-style-type: none"> Works are to be carried out directly above a shaft so there is low risk of methane. Fire Plan to include muster point Fire marshal Shouting "FIRE/FIRE/FIRE"
10. First aid/emergency procedures and means of escape	<ul style="list-style-type: none"> Hospital Route and contact details First aider First aid equipment/eye wash
11. "No-go" areas or other authorisation requirements for those involved in the project	<ul style="list-style-type: none"> Exclusion zone around excavations Permits to work (permit to dig)
12. Smoking restrictions	<ul style="list-style-type: none"> No smoking site including work vehicles No smoking signage Designated smoking area Smoking bins (sand buckets)
Environmental Restrictions and Existing on-site Risks (Delete/add to as appropriate)	
13. Any restrictions on working hours or deliveries or school hours	<ul style="list-style-type: none"> All delivery times and location of stored materials to be agreed with MGF prior to commencement of work.
14. Adjacent land uses - for example schools, railway lines or busy roads,	<ul style="list-style-type: none"> The adjacent land to the North is used for industrial purposes. A mast is located to the South West of the site. A railway line is present to the West of the site. A golf course is present to the South and East of the site.
15. Existing storage/structures with hazardous materials	<ul style="list-style-type: none"> N/A
16. Location of existing services particularly those that are concealed - water, electricity, gas etc.	<ul style="list-style-type: none"> Cornerstone service drawings to be provided by The Coal Authority CAT scanning Trial holes/hand digging Goalposts and barriers Permits to work (permit to dig)
17. Ground conditions, underground structures, adits, shafts or water courses where this might affect the safe use of plant, for example cranes or the safety of ground works	<ul style="list-style-type: none"> Exclusion zone for pedestrians Secure anchor points PPE – harnesses and lanyards will be required during breaking out of existing concrete slab. Once the slab has been removed a further decision will be made on the need for the use of harnesses.
18. Work on excavations	<ul style="list-style-type: none"> Edge protection Signage "Deep Excavation"

	<ul style="list-style-type: none"> • Written daily inspections reports of excavations.
19. Mine gas/heating/spontaneous combustion	<ul style="list-style-type: none"> • Personnel gas alarm to be on site at all times and used whenever working in vicinity of shaft.
20. Mine entry	<ul style="list-style-type: none"> • The works are to be carried directly above shaft ref 425539-002. • The shaft is believed to have a diameter of 4.3m, has a depth of 177m, was abandoned on 7/8/1951, was filled in 1951, capped in 1961, capped again in 1970, then recapped in 1999, by IMC, following damage to the original cap. The most recent reinforced cap is 8.6m square and was set 3.8m below existing ground level. • It is believed that there is 13.7m of drift.
21. Information about existing structures/structural modifications including weakening or strengthening - stability, structural form, fragile or hazardous materials, anchorage points for fall arrest systems (particularly where demolition/shaft exclusion zones are involved)	<ul style="list-style-type: none"> • I have been informed by ██████ personnel that the existing concrete road slab is 250mm thick. The slab has been reinforced using A393 mesh located in the bottom of the slab it has also been reinforced using Polypropylene fibres through out. • Exclusion zone to be agreed on site prior to commencement of works. • Secure anchor points to be agreed prior to commencement of works. • PPE - harnesses and lanyards • PPE – hard hat zones
22. Work at height including work on/near to fragile surfaces	<ul style="list-style-type: none"> • Working at height adjacent to excavations will be applicable.
23. Any difficulties relating to plant and equipment in the premises, such as Drilling/lifting operations access from third parties	<ul style="list-style-type: none"> • The field is undulating, with a number of pot holes and collapses present.
24. Confined spaces (culverts etc.)	<ul style="list-style-type: none"> • N/A
25. Health and safety information contained in earlier design, construction or 'as-built' drawings, such as details of pre-stressed or post-tensioned structures	<ul style="list-style-type: none"> • N/A
26. Work on or near water where there is a risk of drowning	<ul style="list-style-type: none"> • N/A
27. Asbestos, including results of surveys (particularly where demolition is involved)	<ul style="list-style-type: none"> • N/A
28. Pollution/contamination of soils, sewers, drains and water courses	<ul style="list-style-type: none"> • N/A
29. Nuisance from dusts/odours/smoke/noise/vibration	<ul style="list-style-type: none"> • Working hours restricted to daylight hours (Mon-Fri only) to be agreed with ██████

30. Noise and vibration	<ul style="list-style-type: none"> • Normal for this type of work. The site is within an area used for industrial purposes approximately 40m from the existing temporary [REDACTED] offices. • [REDACTED] personnel will be on site during works.
31. Manual handling	<ul style="list-style-type: none"> • Mechanise lifting/handling • Trained and competent persons • Reduce loads to be handled • PPE – safety gloves and boots
32. Contaminated land, including results of surveys	<ul style="list-style-type: none"> • Hygiene control
33. Waste handling (storage and removal)	<ul style="list-style-type: none"> • It is anticipated all materials excavated on site will be reused as part of the reinstatement works to the existing void, however it may be necessary to take existing concrete slab off site • Waste transfer/consignment notes maybe required. • Licensed waste carriers maybe required..
34. Health risks arising from client/stakeholder activities for example cross contamination	<ul style="list-style-type: none"> • [REDACTED] personnel to be consulted by contractor on this issue.
Significant Design and Construction Hazards	
35. Significant design assumptions and suggested work methods, sequences or other control measures	<ul style="list-style-type: none"> • The Designer(s) have identified that the construction works represent the type of risks which a competent contractor experienced in this type of works would reasonably expect to encounter during the works. • The Principal Contractor/Contractor shall provide a CPP incorporating risk assessments and method statements detailing how they will plan, organise, implement, monitor and review the health and safety risks identified throughout the duration of the works.
36. Arrangements for co-ordination of ongoing design work and handling design changes	<ul style="list-style-type: none"> • The Client/Designer shall submit to the Principal Contractor during the project execution, any major changes to the design requirements made during the construction phase. • These should be submitted in sufficient time to allow the health and safety implications and the effect on resources to be considered prior to commencement of the work.
37. Information on significant risks identified during design	<p>The Principal Contractor must detail within their risk assessments, method statements and safe systems of work detailed arrangements for the suitable control of any significant risk. Significant risks for this project include, but are not limited to:</p>

	<ul style="list-style-type: none"> • Anti-social behaviour, theft and unauthorised access may also be a significant risk • Excavation/temporary works around shaft. • Potential collapse of the ground adjacent to the excavations in the vicinity of the shaft. • Provide a safe system of work for working around the shaft to ensure protection of all operatives/pedestrians • Traffic Management, plant movements, a trained banks man must be in place at all times • Work at height, edge protection will be required and other suitable control measures where there are any potential falls e.g. open excavations.
38. Materials requiring particular precautions	<ul style="list-style-type: none"> • Any concrete works will require control measures in order to prevent, inhalation, burns and skin disorders.
The Health and Safety File	
39. Description of the file's format and any conditions relating to its content	<p>NB: A health and safety file is only required for projects involving more than one contractor. The following information will be included in the Health and Safety File:</p> <ul style="list-style-type: none"> • a brief description of the work carried out • any hazards that have not been eliminated through the design and construction processes, and how they have been addressed (e.g. surveys or other information concerning asbestos or contaminated land)

Additional Comments		
Are there any other health, safety and welfare or environmental hazards not mentioned above that are required to be brought to the attention of the Principal Contractor/Contractor? If YES, please provide details below and continue overleaf if necessary.		
Hazards	Comments	Additional Control Measures Required

<p>NB: Upon completion of this pre-construction information a copy must be supplied to the Principal Contractor/Contractor for to enable the Construction Phase Plan to be completed. A record of the Principal Contractor/Contractor’s receipt of the form shall be maintained within Inferis.</p>			
TCA Representative Name (Print)	Position	Date	Signature
<p>NB: The overall choice of risk control measures is the responsibility of the Principal Contractor/Contractor. The Coal Authority requires the Principal Contractor/Contractor to implement the hazard control measures for those areas identified in this Pre-construction Information within the Construction Phase Plan and subsequent Risk Assessments/Method Statements.</p>			
Contractor Representative Name (Print)	Date	Position	Signature
<p>I accept this Pre-construction Information and agree to implement the appropriate control measures within the Construction Phase Plan and subsequent Risk Assessments/Method Statements.</p>			