



The Coal  
Authority

# Small Works Pre- Construction Information

---

The Coal Authority

*I-346601 – Ground Investigation works at former  
Page Bank pumping station, Durham*

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.

| <b>Description of the Project</b>  |  |
|--|--|
| <p>1. Project description including PS&amp;S INFERIS Reference Number and programme including any key dates</p> <p>2. I-346601</p>   | <ul style="list-style-type: none"> <li><i>The works are to comprise of ground investigation works to determine the depth of rock head as indicated on Drawing No. I-346601-001P2 attached.</i></li> <li><i>Boreholes EH01 and EH02 are to be drilled first, with EH03 only being drilled as instructed by the Principal Designer.</i></li> <li><i>The commencement of the works is to be confirmed.</i></li> </ul>   |
| <p>3. Details of Client, Principal Designer, Designers, Principal Contractor and other Consultants including contact number(s)</p>   | <ul style="list-style-type: none"> <li><i>Client = The Coal Authority (TCA) - 01623</i></li> <li><i>Princiapl Designer = [REDACTED] – [REDACTED]</i></li> <li><i>Principal Contractor = Soil Engineering Geoservices Ltd</i></li> <li><i>Landowner – TCA</i></li> </ul>  |
| <p>4. 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"> <li><i>The proposed ground investigation works are indicated on Drg. No. I-346601-001P2</i></li> <li><i>A Design Risk Assessment has been prepared for the proposed design identifying residual risks that are to be managed by the Principal Contractor.</i></li> <li><i>Works Package (Contract) agreed between the Employer (TCA) and Contactor under NEC3 ECSC.</i></li> <li><i>The Principal Contractor has visted the site to satisfy themselves as to the nature and use of the immediate environment.</i></li> <li><i>Details of existing service routes will be provided by TCA. The only known service on the site is the electricity feed to the former pumping infrastructure which is believed to be disconnected.</i></li> <li><i>There are overhead cables within the vicinity of the site.</i></li> </ul> |
| <b>Client's Considerations and Management Requirements (Delete/add to as appropriate)</b>  |  |
| <p>5. Planning for and managing the construction work, including any health and safety goals for the project</p>   | <ul style="list-style-type: none"> <li><i>Zero accidents</i></li> <li><i>SHE observations</i></li> <li><i>Near misses</i></li> <li><i>Ensuring sub-contractors and others have the necessary health and safety information, instruction, supervision and competence</i></li> <li><i>Ensure that all workers receive a project specific induction prior to starting work</i></li> <li><i>Visitors are escorted while on site</i></li> </ul>   |
| <p>6. Communication and liaison between client and others</p>  | <ul style="list-style-type: none"> <li><i>It is recommended that a pre-start meeting is held with TCA / Soil Engineering Geoservices Ltd</i></li> <li><i>All instructions under the NEC3 ECSC shall</i></li> </ul>   |

|  |  |
|--|--|
|  | <i>be given or confirmed in writing.</i>   |
| 7. Security of the site  | <ul style="list-style-type: none"> <li><i>The Principal Contractor has declined to provide security on the site.</i></li> <li><i>The site is bounded by chain link fencing and a lockable gate to the access.</i></li> <li><i>It is known that the fencing has been breached by the cattle from the adjacent field in the past. This has not occurred recently but should not be discounted. The fencing has been repaired in the areas where it was breached.</i></li> </ul>  |
| 8. Welfare provision   | <ul style="list-style-type: none"> <li><i>Welfare provisions to be provide – none available on site.</i></li> <li><i>Due to the extent of the exclusion zone on the site, it is considered that the most suitable location for the welfare facility is in the entrance to the site.</i></li> </ul>   |
| 9. Site transport arrangements or vehicle movement restrictions, boundaries and access, including temporary access - for example narrow streets, lack of parking, turning or storage space | <ul style="list-style-type: none"> <li><i>'Banks man' to supervise vehicle movement – especially within the exclusion zone.</i></li> <li><i>Segregate pedestrians from plant/vehicles</i></li> <li><i>Access available off Whitworth Lane, Page Bank, Durham.</i></li> <li><i>Whitworth Lane is a busy road so vehicle movements into and out of the site should be carefully managed, especially given the proposed location for the site welfare facilities.</i></li> <li><i>No materials, plant or welfare facilities are to be located within the exclusion zone.</i></li> </ul> |
| 10. Fire/explosion precautions   | <ul style="list-style-type: none"> <li><i>Fire-fighting equipment.</i></li> <li><i>No smoking within the site boundary.</i></li> </ul>   |
| 11. First aid/emergency procedures and means of escape   | <ul style="list-style-type: none"> <li><i>Hospital Route and contact details</i></li> <li><i>First aider</i></li> <li><i>First aid equipment/eye wash</i></li> </ul>   |
| 12. "No-go" areas or other authorisation requirements for those involved in the project  | <ul style="list-style-type: none"> <li><i>Exclusion zone identified on drawing I-346601-001P2. No working is to be undertaken within this area. The movement of the cable percussive rig and workers is permitted providing a banksman to monitor ground movements is used. If any ground movement is noticed, the exclusion zone should be evacuated immediately and the Principal Designer informed.</i></li> <li><i>The buildings within the site are not to be entered.</i></li> </ul>   |
| 13. Smoking restrictions   | <ul style="list-style-type: none"> <li><i>No smoking site including within work vehicles.</i></li> </ul>   |
| <b>Environmental Restrictions and Existing on-site Risks (Delete/add to as appropriate)</b>  |  |
| 14. Any restrictions on working hours or deliveries or school  | <ul style="list-style-type: none"> <li><i>Works to be carried out during daylight hours between 8am &amp; 5pm.</i></li> </ul>  |

|   |   |
|---|---|
| hours   |   |
| 15. Adjacent land uses - for example schools, railway lines or busy roads,  | <ul style="list-style-type: none"> <li><i>The site is off a public highway, Whitworth Lane, which is a busy highway.</i></li> <li><i>The adjacent land is used for cattle grazing.</i></li> <li><i>There are properties to the West of the site.</i></li> </ul>   |
| 16. Existing storage/structures with hazardous materials  | <ul style="list-style-type: none"> <li><i>COSHH assessments</i></li> <li><i>Material Safety Data Sheets</i></li> <li><i>Signage</i></li> <li><i>Spill kits/booms</i></li> <li><i>Fire extinguishers</i></li> <li><i>There has not been an asbestos survey of the buildings. These are not to be entered under any circumstances.</i></li> </ul>   |
| 17. Location of existing services particularly those that are concealed - water, electricity, gas etc.  | <ul style="list-style-type: none"> <li><i>Cornerstone service drawings</i></li> <li><i>CAT scanning and trial holes/hand digging adopting safe digging practices are to be undertaken at each borehole location prior to the commencement of any drilling.</i></li> </ul>   |
| 18. 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"> <li><i>3 known shafts within the site boundary, I-423535-002, 003 and 004. Shafts 003 and 004 are believed to be filled. Shaft 002 is void and is used as a drainage conduit for mine water. Workings are known to be deep and below the extent of the proposed works.</i></li> <li><i>There is a gravity sewer outfall from shaft 002 – the proposed exploratory holes that form the works are located away from this structure.</i></li> </ul>   |
| 19. Work on excavations   | <ul style="list-style-type: none"> <li><i>N/A</i></li> </ul>  |
| 20. Mine gas/heating/spontaneous combustion   | <ul style="list-style-type: none"> <li><i>Personal gas alarms are to be provided by the Principal Contractor for his personnel and worn at all times whilst activities are being undertaken.</i></li> <li><i>Gas alarms should be capable of alarming when there is an excess or deficiency in oxygen, hydrogen sulphide, carbon monoxide and explosivity/combustion/LEL.</i></li> <li><i>Gas readings within the working area are to be recorded every 24 hours after entry has been permitted and at the end of each working day.</i></li> <li><i>Records are to be submitted on completion to the Principal Designer.</i></li> </ul> |
| 21. Mine entry  | <ul style="list-style-type: none"> <li><i>There are 3 known mine entries on the site. These are not to be entered under any circumstances.</i></li> </ul>   |
| 22. Information about existing structures/structural modifications including weakening or strengthening - stability, structural form, fragile                                 | <ul style="list-style-type: none"> <li><i>No information available.</i></li> </ul>  |

|  |  |
|--|--|
| or hazardous materials, anchorage points for fall arrest systems (particularly where demolition/shaft exclusion zones are involved)                              |  |
| 23. Work at height including work on/near to fragile surfaces  | <ul style="list-style-type: none"> <li>• N/A</li> </ul>  |
| 24. 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"> <li>• <i>Banksman to be used when moving cable percussive rig through the exclusion zone.</i></li> <li>• <i>No materials, plant or welfare facilities to be located within the exclusion zone.</i></li> </ul>   |
| 25. Confined spaces (culverts etc.)  | <ul style="list-style-type: none"> <li>• <i>The manhole for the gravity drain is on the site. This is not to be entered into, or the covers lifted.</i></li> </ul>   |
| 26. 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"> <li>• N/A</li> </ul>  |
| 27. Work on or near water where there is a risk of drowning  | <ul style="list-style-type: none"> <li>• N/A</li> </ul>  |
| 28. Asbestos, including results of surveys (particularly where demolition is involved)   | <ul style="list-style-type: none"> <li>• N/A</li> </ul>  |
| 29. Pollution/contamination of soils, sewers, drains and water courses   | <ul style="list-style-type: none"> <li>• <i>Spill kits/booms</i></li> <li>• <i>Adopt water recycling system</i></li> </ul>   |
| 30. Nuisance from dusts/odours/smoke/noise/vibration   | <ul style="list-style-type: none"> <li>• <i>Working hours restricted to daylight hours (Mon-Fri only)</i></li> <li>• <i>Maintenance regime for equipment</i></li> <li>• <i>No burning on site</i></li> </ul>   |
| 31. Noise and vibration  | <ul style="list-style-type: none"> <li>• <i>Acoustic barriers</i></li> <li>• <i>PPE – hearing protection</i></li> <li>• <i>HSE HAVS calculator to record trigger times</i></li> <li>• <i>Adopt plant and equipment incorporating noise baffles/suppressors.</i></li> <li>• <i>Working hours restricted to daylight hours (Mon-Fri only)</i></li> </ul> |
| 32. Manual handling  | <ul style="list-style-type: none"> <li>• <i>Mechanise lifting/handling</i></li> <li>• <i>Specific manual handling risk assessment</i></li> <li>• <i>Trained and competent persons</i></li> <li>• <i>Reduce loads to be handled</i></li> <li>• <i>PPE – safety gloves, goggles and steel toe capped boots</i></li> </ul>                                |
| 33. Contaminated land, including results of surveys  | <ul style="list-style-type: none"> <li>• <i>Not known</i></li> </ul>   |
| 34. Waste handling (storage and removal)   | <ul style="list-style-type: none"> <li>• <i>Water flushing medium to be managed through recycling system.</i></li> </ul>   |
| 35. Health risks arising from  | <ul style="list-style-type: none"> <li>• <i>Bio – security measures to be adopted.</i></li> </ul>  |

|  |   |
|--|---|
| client/stakeholder activities for example cross contamination                                      |   |
| <b>Significant Design and Construction Hazards</b>   |   |
| 36. Significant design assumptions and suggested work methods, sequences or other control measures | <ul style="list-style-type: none"> <li><i>The Principal 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.</i></li> </ul>   |
| 37. Arrangements for co-ordination of ongoing design work and handling design changes              | <ul style="list-style-type: none"> <li><i>N/A</i></li> </ul>  |
| 38. Information on significant risks identified during design                                      | <p><i>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:</i></p> <ul style="list-style-type: none"> <li><i>Potential collapse of shafts on the site</i></li> <li><i>Possible mine gas emissions from old workings.</i></li> <li><i>Traffic and pedestrian management</i></li> </ul> |
| 39. Materials requiring particular precautions   | <ul style="list-style-type: none"> <li><i>Fuel</i></li> </ul>   |
| <b>The Health and Safety File</b>  |   |
| 40. Description of the file's format and any conditions relating to its content                    | <p><b>NB: A health and safety file is only required for projects involving more than one contractor.</b></p> <p><i>Not required.</i></p>  |

|  |                  |   |                  |
|--|------------------|---|------------------|
| <b>Additional Comments</b>   |                  |   |                  |
| 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.  |                  |   |                  |
| <b>Hazards</b>   | <b>Comments</b>  | <b>Additional Control Measures Required</b> |                  |
| <b>General public, children, pets and highway users</b>  | <b>Banks man</b> |   |                  |
| <b>Off-loading of plant and materials</b>  | <b>Banks man</b> |   |                  |
|  |                  |   |                  |
|  |                  |   |                  |
|  |                  |   |                  |
| <p><b>NB:</b> 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> |                  |   |                  |
| <b>TCA Representative Name (Print)</b>   | <b>Position</b>  | <b>Date</b>                                 | <b>Signature</b> |
|  |                  |   |                  |

**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.

| <b>Contractor Representative Name (Print)</b>  | <b>Date</b> | <b>Position</b> | <b>Signature</b> |
|--|-------------|-----------------|------------------|
|  |             |                 |                  |
| 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. |             |                 |                  |

### Photographs