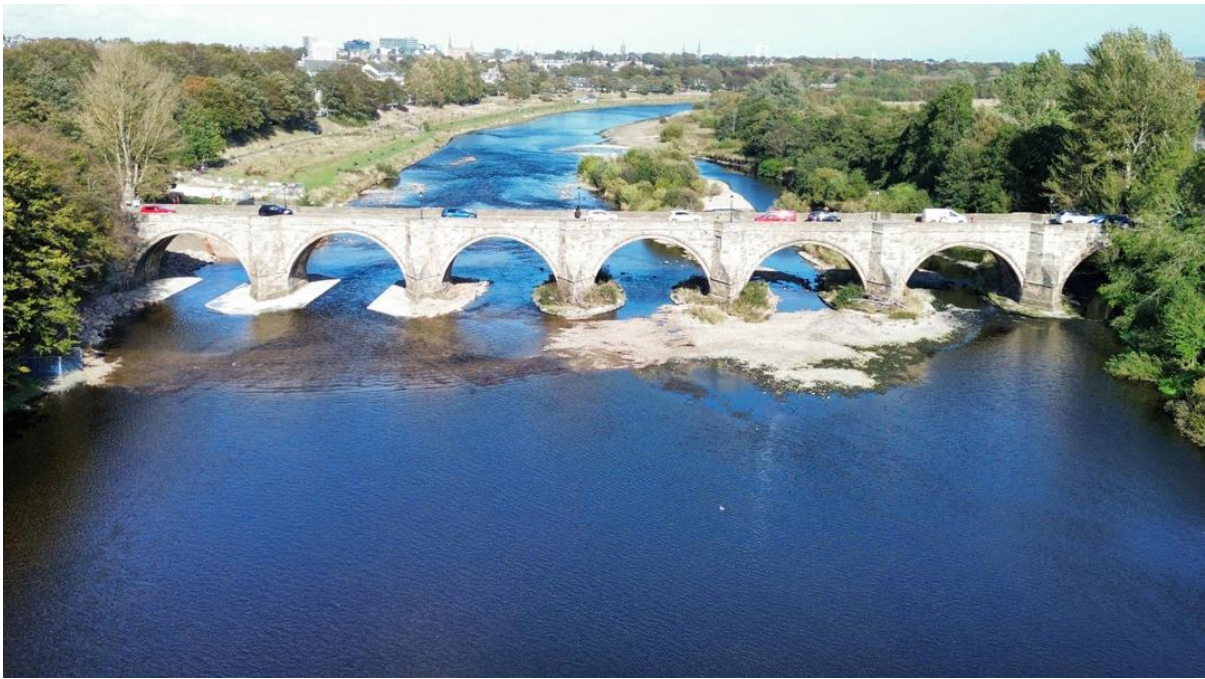


Method Statement and Risk Assessment



3290 – Bridge of Dee, Aberdeen

Installation of Scour Protection

Start Date	June 2025	Finish Date	November 2026
RAMS Number	002	Issue No	A07
CPP Number	3290	TI Project Number	3290

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Controlled copies will have a controlled copy number shown in RED. Any variation will be regarded as uncontrolled for information only.

The responsibility for the health, safety and environmental management of the Works rests fully and unreservedly with the **Error! Reference source not found.** Contractor.

Prepared by	Job Title	Signature	Date
Craig Wilson	Section Engineer	[Redacted]	30/03/2026
Approved by:	Job Title	Signature	Date
Pawel Pliszko	Scheme Project Manager	[Redacted]	31/03/2026
Accepted on behalf of Client:	Job Title	Signature	Date

DISTRIBUTION LIST

ISSUED TO:	JOB TITLE	ORGANISATION	VERSION
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Garry Smith	HSQE Manager	Taziker	A07
Andrew Blaikie	Planning Manager	Taziker	A07
Philip Hall	Engineer	Aberdeen City Council	A07
Anju Matthew	Principal Technical Officer	Aberdeen City Council	A07

VERSION CONTROL

VERSION NUMBER	SUMMARY OF CHANGES	NAME
A00	Initial Draft	George Jamieson
A01	First Issue	George Jamieson
A02	Update following Public Consultation	George Jamieson
A03	Updated prior to remobilisation on site	Pawel Pliszko
A04	Updated addressing ACC comments	Pawel Pliszko
A05	Updated following PH comments	Pawel Pliszko
A06	Updated for 2025 Works	Craig Wilson
A07	Updated for 2026 Works	Craig Wilson

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1. Introduction

Brief outline of work methodology

The following tasks support this Method Statement:

Task Briefing Title	Enabling & River Access Works	Contractor	Taziker, WI Meikle, Burnside
TBS Reference	3290-TBS-002-001	Activity Start date	25/05/2026

ENABLING WORKS

Planning, permits and consents

Taziker to ensure all consents & permits are in place notifying all stakeholders of the forthcoming works. Letter drops must be completed no later than 7 days prior to the commencement of works, ensuring all affected parties are adequately informed.

Upon confirmation that all land access arrangements are in place Taziker site management shall mark out the proposed compound area and carry out a CAT scan of the area to confirm the location of any buried services in conjunction with a review of available service information. A 'permit to Break Ground' will be issued prior to any excavations or groundbreaking activities.

Riverside Drive ramp access

Access will be formed off Riverside Drive as per revised MHB TWD version C03.

Refer to Taziker *RAMS001 Site Mobilisation/ Form Hardstanding*.

A haul road and compound area will be installed as notes below. Pedestrian management will be in place for work around/crossing the core path.

Note: - As part of the 2024 works a haul road was constructed from Riverside drive to the lower area of the compound, the ramp section over the public footpath was later reinstated to highways specification.

It's imperative that sighting distances for pedestrians are not compromised by site mobilisation works. Perimeter fencing that surrounds the compound should be set far enough back from crossing points to ensure vehicles and pedestrians are clearly visible to each other.

Plant (8t Excavator, 5t dumper and 120 Bomag roller or similar) will be delivered to site on the back of a low loader, which will be parked on Riverside Drive. Traffic Management and parking suspensions will be set up on Riverside Drive to allow access to the site.

The existing 2024 haul road will be scrapped back and surfaced to match the level of the footpath. Services within footpath will be protected as per MHB TWD C03 (See RAMS001).

Heavy duty kerb ramps will be installed at the access to the haul road and secured in place, to protect the public footpath steel road plates will be laid over the footpath leading into the existing 2024 haul road.

Note: Following completion of all scour protection works (planned 2026 Season), temporary access ramp will be removed and all existing assets including footpath handrail will be reinstated respectively to the original pre-project start configuration.

Site compound alteration works

In order to accommodate 2025 works (Phase 1 &2 on construction programme), the existing site compound pre-formed in 2024 will require revisit. Additional storage areas could be created within the existing site boundaries, formation of hardstand will be as per MHB TWD.

Any vegetation and organic material will be scrapped off the top of the surface using an excavator, this will be stock piled for reinstatement at the end of the project. Geotextile will be laid to the pre marked area to protect the underlying soil. Granular fill will then be laid to form an access road and laydown area, the roller will then compact as per highways specifications.

No works in the water will be allowed before 1st June due to the smolt migration window.

A designated access point will be installed over the flood alleviation culvert as per temporary works design, detail as agreed with MHB designer.

Existing materials stock piled within site compound (sheet piles, bulk bags with stone, topsoil) will be moved/rearranged to maximise storage space within site boundaries. The transportation of the materials within site boundaries will be done using excavator/dumper or forklift/forklift attachments. Any lifting operations will be covered under Minor Repetitive Lifts work permits.

Following completion of 2026 Season works, all temporary assets including hardstand material will be removed and the compound area will be reshaped to the original pre-project topography. Any seating benches, life ring, council bins will be moved from temporary location back to their original place. Detail of location was confirmed via dilapidation photos.

ACC will consult specialist with regards to reinstatement of green areas, flower and grass type seeds for the compound areas. Following removal of hardstand materials and reinstatement of topsoil, all areas will be re-seeded to agreed specification.

Key materials storage areas & deliveries

Designated areas will be created within site boundaries to receive key materials / deliveries required for Scour protection works, these will include:

- Sheet piles
- Galvanised steel plates
- Precast walls
- Proserve mattress
- Rock armour & other stones
- In situ concrete
- Riverbed material
- Scaffolding and waterproofing membrane
- Pontoon bridge and timber bog mats

Materials deliveries will be planned ahead and staggered to match the actual programme demand for Phases 1&2 respectively. Refer to RAMS001 for deliveries access management from Riverside Drive.

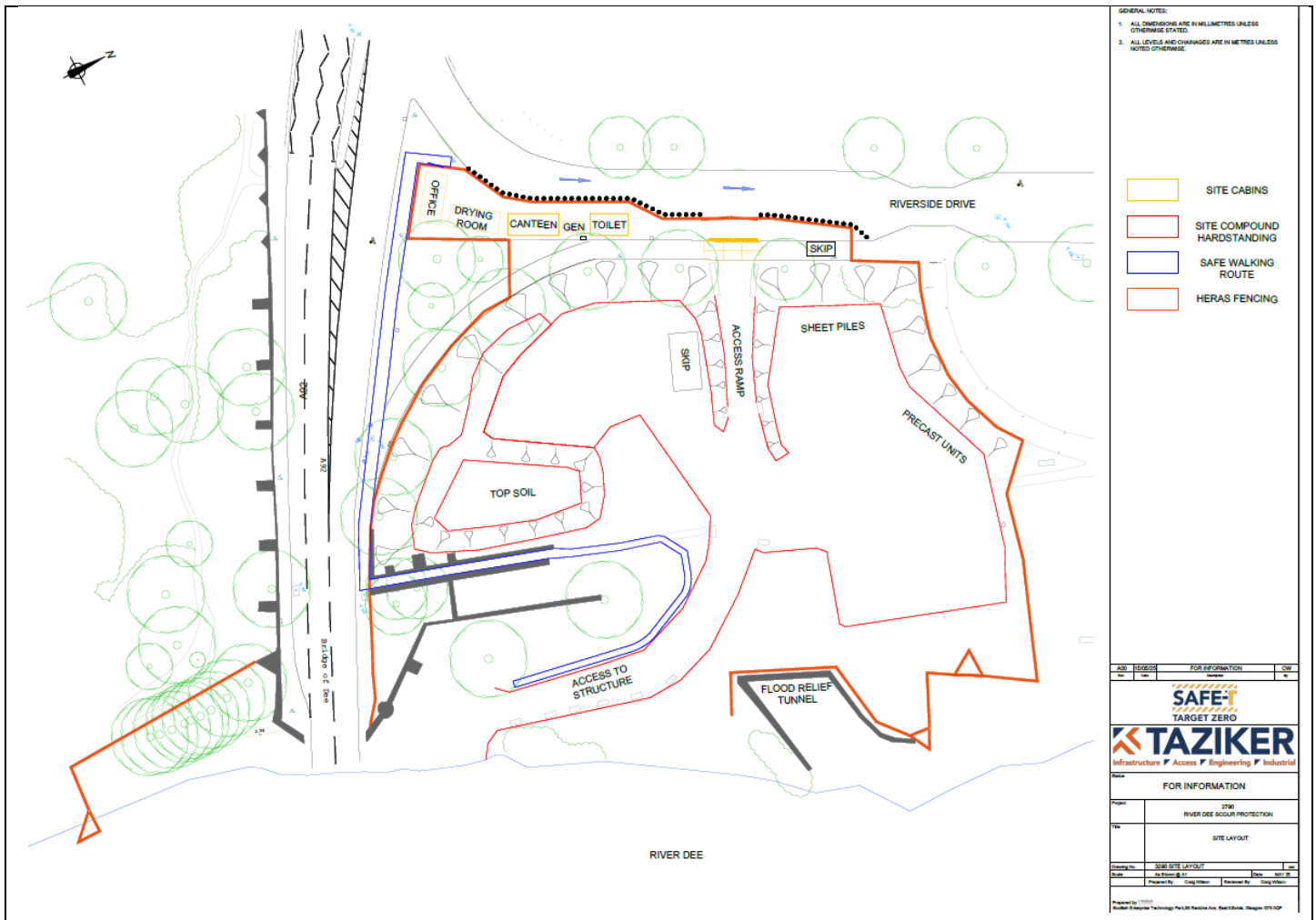
Sketch below highlights actual/ proposed site boundaries and key storage areas, established in 2025.



Temporary access ramp from Riverside Drive 2025



Temporary site welfare compound Riverside Drive 2025



RIVER ACCESS WORKS

River access – Northern riverbank and Western abutment (Phase 1)

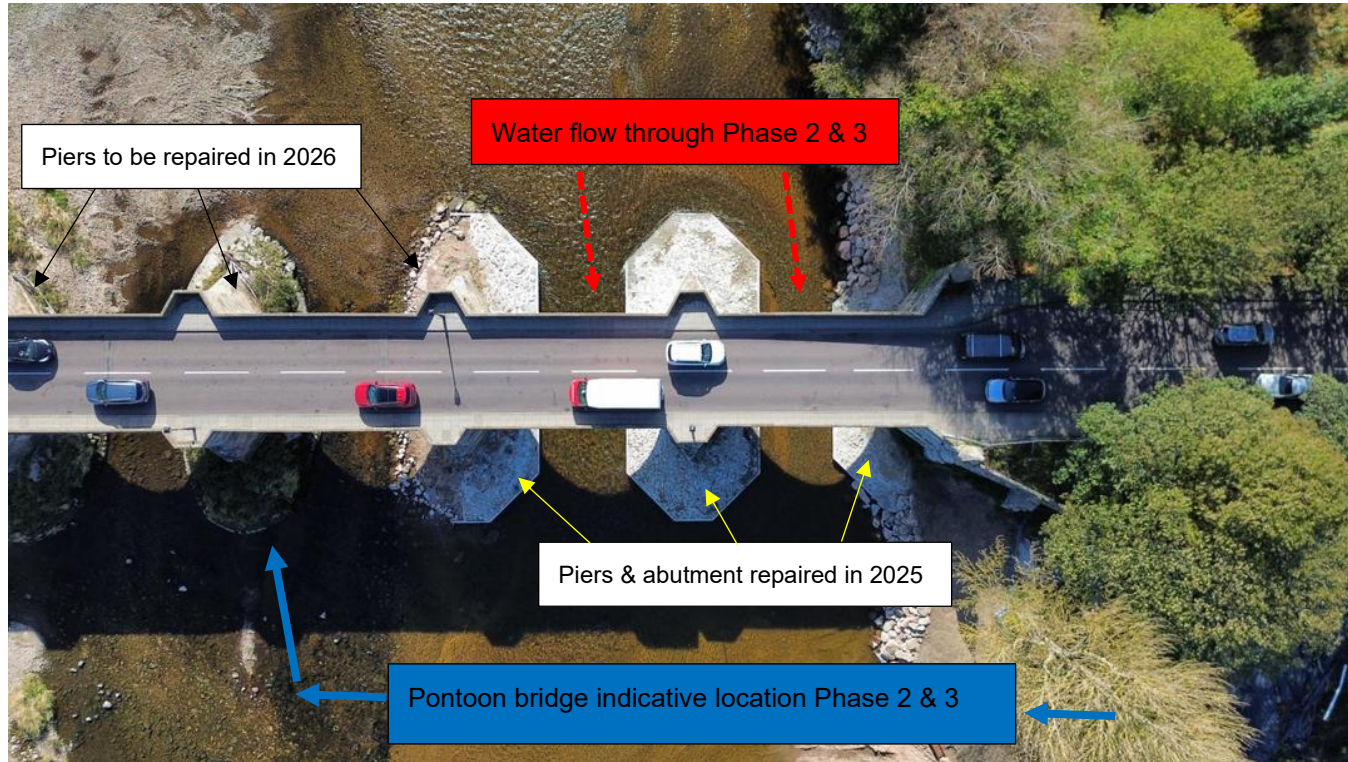
Clean gabion stones or similar will be used to form temporary ramp/ access track from Northeast riverbank into the river and then under the pier towards the piling rig location upstream (Northwest riverbank). Use 20t or 36t (or similar) excavator to spread the stones. Alternatively – level the existing granular riverbed materials to form steady/levelled pathway for sheet piling and other plant. Care will be taken when operating within the vicinity of the bridge structure.



River access – Temporary Causeway (Phase 2 & 3 combined)

Temporary pontoon bridge will be formed as per Keel Marine TWD. This will be required for combined Phase 2 and Phase 3.

Temporary pontoon bridge sections will be pre-assembled on shore then moved into designated area within river channel using large excavators. Pontoon bridge will be anchored using suitable CHS piles. Refer to TBS-002-002 below and sketches below. Pontoon bridge and temporary anchor piles will be extracted/ demobilised from the river on completion of 2026 planned works.



Example of pontoon bridge used by supplier on different marine project

Task briefing Title	Installation of Temporary Dam	Contractor	Taziker, WI Meikle, Burnside, Flexi-dam, Floating Pontoon
TBS Reference	3290-TBS-002-002	Activity Start date	15/06/2026

Preparation Works

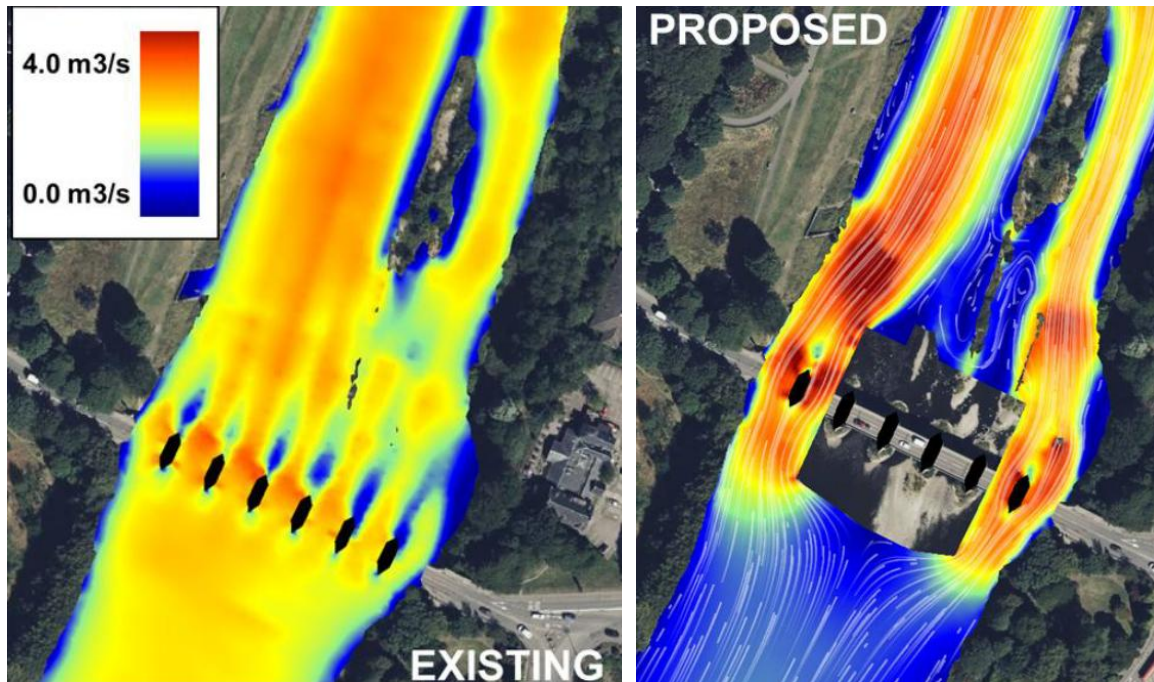
No works in the water will be allowed from prior to 1st June due to the smolt migration window.

All operatives will wear the following PPE as a minimum:

- Boots with metatarsal protection
- Orange high visibility long sleeve top
- Orange high visibility trousers
- Hard hat with chin strap
- Cut-3 gloves
- Further task specific PPE will be required, this is detailed in section 2 of this document

All operatives will be trained in water rescue, proof of which will be recorded during induction. Weather board will be used to monitor river water levels and plan works ahead of 2026 season. This will also take into account Kaya Consulting Hydrology Reports 2025, 2026 and Taziker Emergency Flood Plan.

Figures below showing extracts from Kaya Hydrology report 2026 for combined Phase 2 & 3 cofferdam.



The site manager will regularly check weather forecasts for warnings of the rise of the river level. Any operative that notices a rapid rise in the water level must raise the alarm and inform the site manager (Ref. 3no. trigger levels – Emergency Flood Plan).

All personnel must receive a site induction, a task specific briefing and a daily briefing prior to starting works.

In advance of any works within the watercourse all personnel on site will receive a briefing on the 'Construction Environmental Management Plan' It's imperative the processes and control measures contained within the plan are adhered to at all times – The CEMP can be found in Appendix C of this document.

Before work commences, an assessment will be made on the condition of the river and the riverbank. If the operatives feel it is not safe to enter the water, they must inform the site manager who will rectify the situation.

At least one operative will always remain on the bank to aid with passing materials and equipment to a minimum of 2 operatives, in the watercourse.

On Site Works

The temporary dam 2026 will be installed in single combined phase as show in **Appendix A** of this document.

The design for the temporary dams must be approved in advance of works starting. The Taziker temporary works coordinator must ensure the temporary works are installed in accordance with the design and are maintained and inspected for the duration of the works.

The temporary works proposal should be reviewed by an appointed hydrologist to understand the impact the temporary works will have on river levels.

During the winter periods when no work is taking place all temporary materials will be removed from the watercourse, all materials must be removed by the 1st October in years 2025 & 2026, in accordance with the marine licence.

Test pile will be installed within the riverbank to confirm the safe pile clearance from the bedrock below. Bedrock formation is assumed to be at minimum 12m below OD. The longest sheet piles will be 10m long and designed to AOD level of 4m. Refer to Burnside TWD and Subcontractor RAMS.

The proposed dam detail will include the installation of sheet piling around the work areas to provide a robust barrier to prevent water ingress, in areas where it's not feasible to install sheet piles, Flexi-dam (scaffold A frame & waterproofing membrane) and tonne bags containing clean stone as well as clean rock armour will be used to supplement the sheet piling. Tonne bags will also be filled in with site won riverbed material.

Taziker will engage a specialist piling contractor to design and install the sheet piling. The current draft design proposal for combined phase 2026 can be found in **Appendix B** of this document. This specialist piling contractor must have prior experience of working on similar schemes.

All plant and equipment required to install the temporary dam will be fit for use, inspected regularly and be capable of carrying out the work. The Piling rigs must use biodegradable oil and will be fitted with height and slew restrictors to reduce the risk of the machines striking the structure – these will be set each morning and checked by the Taziker site manager before works is allowed to proceed.

For Phase 1, a ramped access will be installed from the compound into the water course using a suitable spec of clean stone, for following phases a pontoon bridge will be installed to provide access to Phases 2 & 3 combined – A temporary works design will be required for this arrangement, and it must be reviewed by the appointed Hydrologist. This arrangement will allow plant to access each phase, allowing the flow of the river to be unimpeded:

The line of the sheet piles will be set out by the Taziker on-site engineer, the position of the temporary dam will be set 5m beyond the proposed mattress position. This will prevent the sheet piling being undermined, it also allows enough space for plant and equipment to access/egress the cofferdam.

Cofferdam tie in with bridge piers will be of a form of 1tonne bags filled with site-won materials (excavated riverbed) and or similar arrangement, to prevent water ingress in the areas where access for piles is restricted due to height issue and risk of damaging bridge piers. This will be backed up by Flexidam scaffold A frame section through Span 2 of the bridge (barrier placed on the top of the previously installed grout mattress and reinstated riverbed as per design) and shorter, 6m piles through Span 5 of the bridge to seal the cofferdam in the areas of the existing (historic), worn out scour protection.

The height of the temporary dam must take cognisance of existing river level data as well as the hydrology report. There is an expectation that the dam may overflow during periods of prolonged, high rain within River Dee catchment area. With notice Taziker management will ensure all materials, plant and equipment are removed from the work area prior to the river level rising. ACC will be notified during these overtopping events.

After any over topping event, no works will restart until the area has been dewatered and the temporary works have been inspected to ensure the overtopping event hasn't impacted them in any way.

Once the dam has been installed in accordance with the design and signed off as fit to be taken into use, a fish rescue will be undertaken to ensure all fish have been removed from the dammed area prior to dewatering the Cofferdam.

During overtopping events, it's possible fish may find their way back into the dammed area. Taziker to seek agreement from ACC to remove any fish from the dammed area using nets (training may be required).

During the dewatering process the dam will be monitored 24 hours a day, as remote sensors will be fitted to the pumps to notify Taziker management if they break down.

The dewatering will be by 2 No Super-silent pumps, the pumps will be positioned on drip trays and located over 10m away from the watercourse. The pumps will be fitted with mesh to prevent harm to fish not captured during the fish rescue, the pumps will discharge into settlement tanks /silt busters, before discharging back into the river further downstream. The area of discharge should be formed with rock armour and stone to ensure any erosion is mitigated.

One pump will be constantly running with the other in reserve if the first pump fails. The quantity of pumps required will be reviewed once the dam is installed and the areas behind it dewatered, if more pumps are required to manage the water ingress these will be procured by Taziker management.

Any water seepage through the bed of the watercourse or points where the dam joins to watercourse banks, or flood walls, will be addressed at this point by using sandbags and/or sump pumps being deployed within the dewatered works area.

See Figure below for the proposed temporary works 2026, including sheet piled cofferdam, Flexi-dam and pontoon bridge.

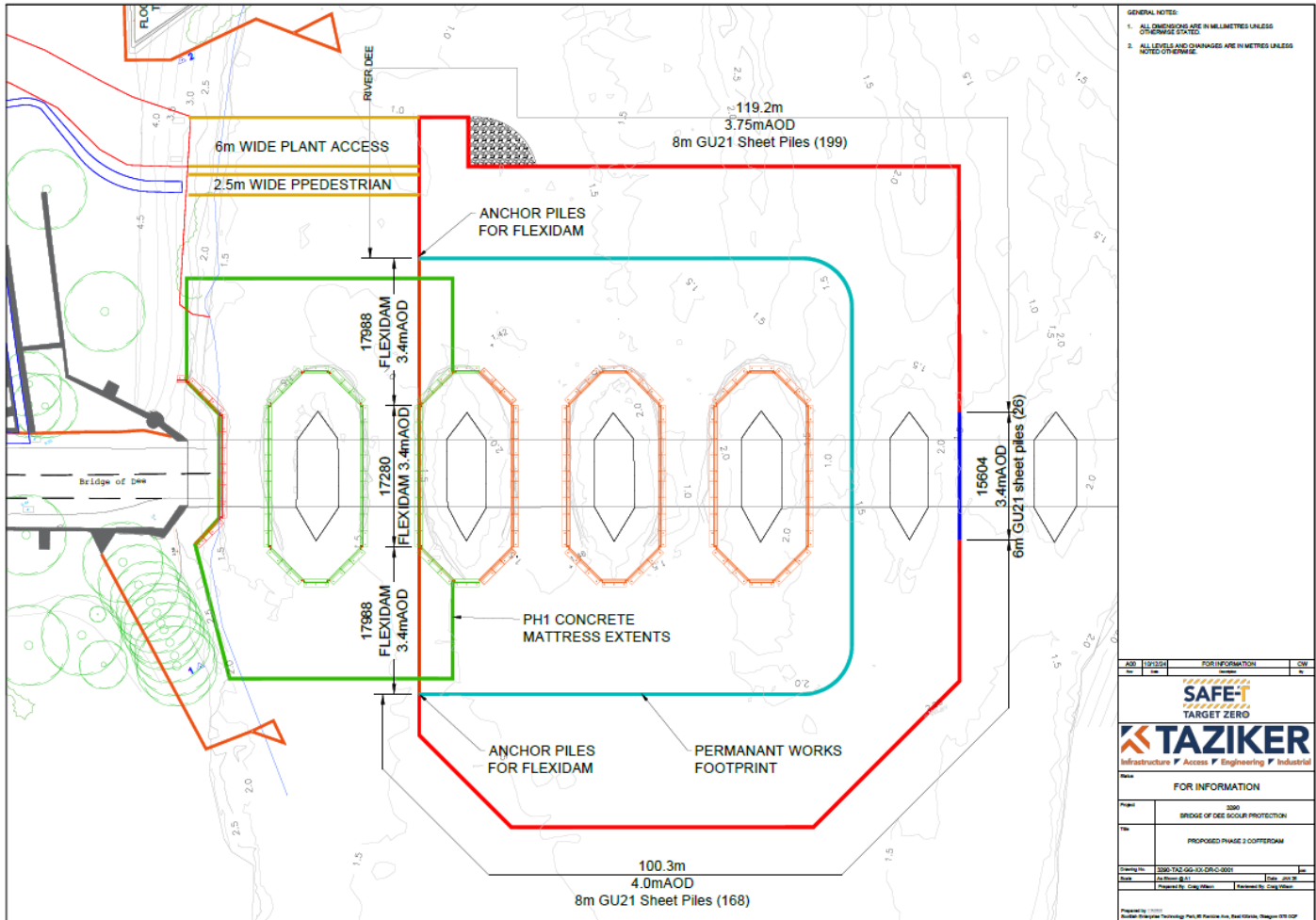


Fig. Showing dry working area created during 2025 season



Task briefing Title	Scour Repairs to Pier Aprons and North Abutment	Contractor	Taziker, WI Meikle
TBS Reference	3290-TBS-002-003	Activity Start date	July 2026

Working in accordance with the proposed sequencing arrangement, details of which can found in **Appendix A** of this document.

River/tide levels will be monitored throughout the construction. If there is any sudden rise in the water level, work is to stop, and the site manager informed. All materials, plant and equipment will be removed from the dammed area and ACC notified.

All work will be done once the area has been de-watered. No work to commence if flood conditions are forecast.

Prior to work commencing the permanent design proposal must be approved for construction, and accompanied with a design check certificate confirming acceptance.

The existing perimeter of the pier apron to be broken back using hydraulic breaker by circa. 250mm, (designer to confirm depth) to allow the scour under the apron to be exposed. Using an excavator a trench will be dug around the perimeter of the pier apron – The material removed from the pier overburden will be deposited within the compound by dumper trucks and later removed from site by a licenced waste carrier and taken to a local recycling facility for reuse.

200mm of 6A class fill will be installed around the pier apron and compacted in accordance with the standard. 2no. plate bearing tests to be undertaken at each pier – results to be forwarded to the design er for review.

In the corner locations 200mm of in situ concrete is to be placed as a foundation for the precast units.

The permanent works detail proposed that precast concrete wall unites are installed around each pier. The Concrete L wall units must be delivered to site well in advance of this task starting. The site engineer will inspect the units to ensure they are the correct size and meet the quality parameters.

Each precast L unit will be positioned by the Excavator working under a task specific permit to lift. Each unit will be placed in the correct location, Taziker site engineer will oversee this work to ensure the units are positioned in accordance with the design.

The excavator will continue to lift in each unit until all are in position. Only then can follow on works start.

- Install 16mm diameter dowels vertically through the precast unit into the concrete foundation below

- All holes in precast units to be filled with grout repair
- Backing rod and Polyurethane sealant to be installed at each vertical joint
- Install 10mm dowels at corner units to tie units together
- Install 5mm steel plating to outside face of precast units to close over joint, acting as sacrificial shutter

Once all the above works have been completed, the voiding behind the precast units can be filled. This should be a cementitious material. Heights of each pour to be agreed with the designer to ensure there is no overloading to the back of the precast wall

Once the concrete backfill has cured the remedial works to the apron can commence. The Apron top surface to be regraded and repaired with stone pitching as necessary to suit the new precast wall levels and to allow surface water drainage away from the pier – Stone pitching to have a 1:40 fall towards the river

On completion of the works a request for inspection will be issued to ACC to attend site and inspect the recently completed work. At this stage any snags will be identified and closed out prior to moving onto further phases of the project.

During 2025 Season, Taziker have already completed all permanent scour protection works to 100% of Western abutment, 100% of Pier 1 and 50% of Pier 2.

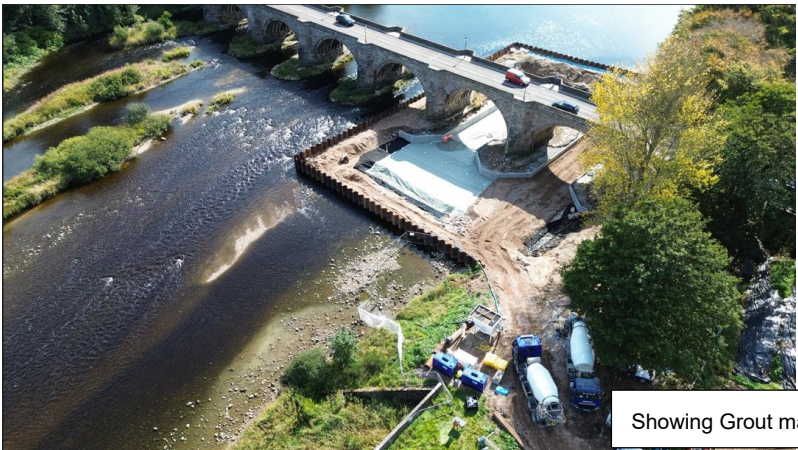
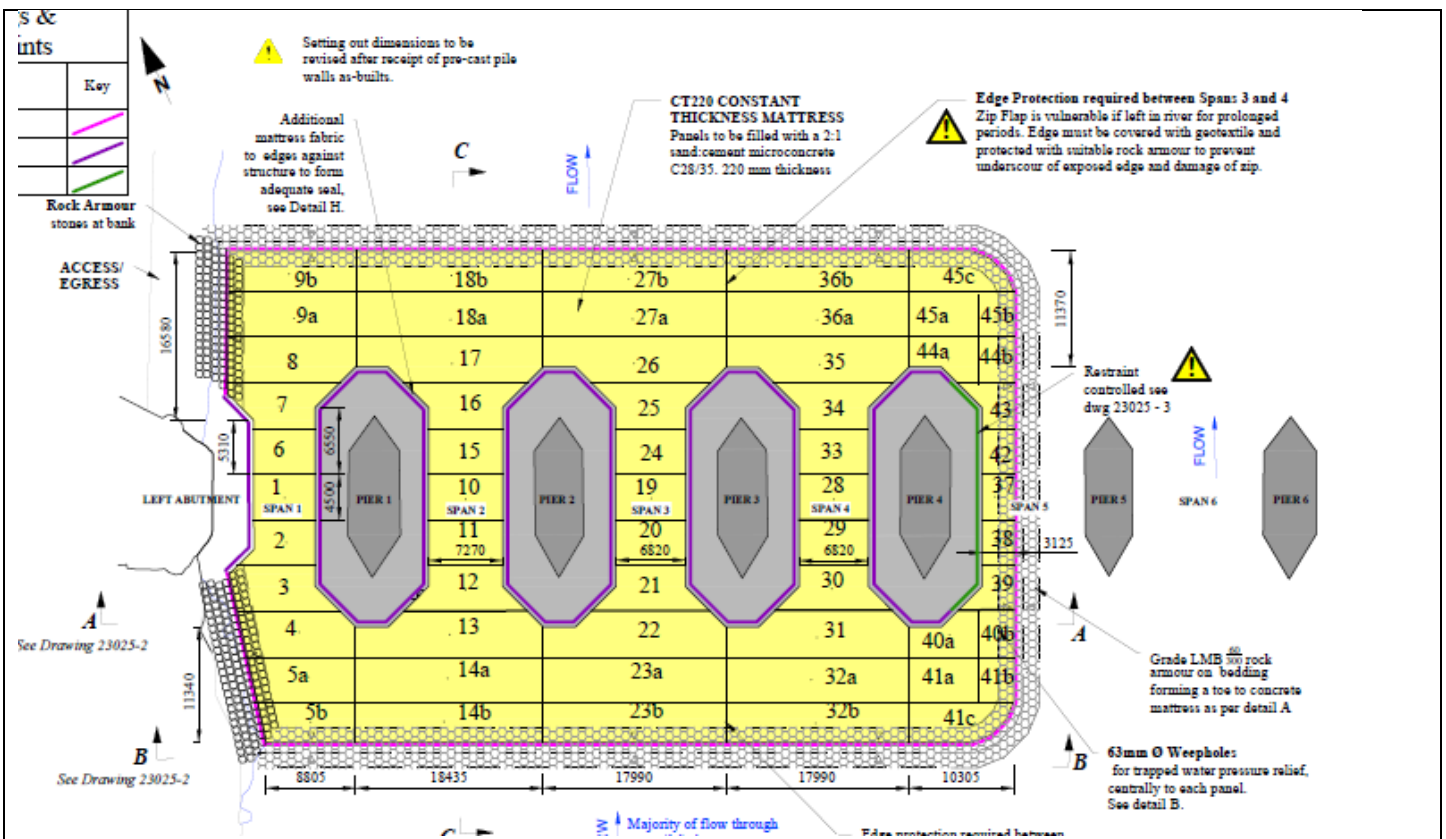
Remaining works – planned in 2026 season – will include 50% of Pier 2, full Pier 3 and Pier 4. Works to Piers 5 & 6 are not forming part of this scheme.



Showing completed scour protection including stone pitching to aprons 2025 season information 2025 season



Task briefing Title	Installation of Grout Mattress & Rock Armour	Contractor	Taziker, WI Meikle
TBS Reference	3290-TBS-004-002	Activity Start date	August 2026
<p>Working in accordance with the proposed sequencing arrangement, details of which can found in Appendix A of this document.</p> <p>River/tide levels will be monitored throughout the construction. If there is any sudden rise in the water level, work is to stop, and the site manager informed.</p> <p>All work will be done once the area has been de-watered. No work to commence if flood conditions are forecast.</p> <p>Once the area has been dewatered a 360 excavator will enter the area and, with the aid of a dumper, will excavate the river bed to the formation level as specified in the drawings, any low areas will be raised to the formation level using site material. The bed material is to be stock piled on site for reinstatement on top of the concrete mattress once complete.</p> <p>The levels will be controlled by a rotating laser level set on the riverbank and monitored by a site engineer.</p> <p>A banksman will be in attendance to ensure no damage is done to the existing piers.</p> <p>The perimeter of the grout mattress will be toed into the river bed, therefore a 1000mm v-trench will be excavated as per construction drawings.</p> <p>Hold Point:</p> <p>The area and levels will be checked by the site engineer prior to the placement of any concrete mattresses.</p> <p>The concrete mattresses will be placed by four operatives as per manufacturers drawings, ensuring there are no folds or tears.</p> <p>These will then be stitched together as per the manufacturers instructions and checked by the site manager on completion. The perimeter of the grout mattress will be fitted into the v-trench as per mattress edge protection detail.</p> <p>A sealing bar will be applied between the mattress and the precast concrete L wall just before the mattress is filled with grout.</p> <p>Concrete will be delivered to site in a mixer truck, accessing through the site compound and the temporary access track. It will then be fed into a mobile concrete pump and delivered to the required grout mattresses, for phase 1 this will be from the river bank for combined phases 2 & 3 the access temporary bridge will be used to carry the pump nosing.</p> <p>On completion, the filled mattresses will be left for a sufficient period to allow the concrete to set, prior to reinstatement of the riverbed and mattress edge protection.</p> <p>The mattress edge protection detail will then be finalised with 400mm thick of well graded granular fill be installed and getting compacted as per highway specification using a wacker plate. Grade LMB 60/300 rock armour a min of 2 layers thick will then be placed on top of the granular fill and end of the grout mattress. This will be done with a 360 excavator and grab attachment. The same process will be used for the river bank rip rap detail.</p> <p>As per the design, fish habitats in the form of boulder clusters will be installed downstream of the structure in accordance with SEPA GBR no.14</p> <p>The riverbed level will then be reinstated with the existing bed material which was stockpiled on site. The site engineer is to ensure the finalised level is as per the design. Rock Armour protection will be placed on top of the mattress and up the embankment – Western Embankment only. Once installed the existing path will be reinstated at the crest of the rock armour</p> <p>Following completion of the works the work area will have a handover inspection with the client and be signed off prior to changing phases.</p> <p>Grout test cubes will be taken for every third concrete pour (4no. samples each) and tested as per MHB PWD schedule at 3 days, 7 days and 28 days to confirmed desired design strength. Refer to PQP and ITPs and any agreed TQN's.</p> <p>During 2025 season, Taziker have installed grout mattress over Spans 1 & 2, ref. extract drawing below.</p> <p>Remaining Spans 3-4-5 of grout mattress will be installed during 2026 season.</p>			



Showing Grout mattress installation Spans 1-2 Season 2025

Contractor's delivery organisation

The following individuals from the Contractor's organisation will be involved during this project:

Role	Name	Contact Number
Contracts Manager	Paul Broadley	[Redacted]
Scheme Project Manager	Pawel Pliszko	[Redacted]
Section Engineer	Craig Wilson	[Redacted]
Site Supervisor	Scott McClure	[Redacted]
Planning Manager	Andrew Blaikie	[Redacted]
Quantity Surveyor	Ross McCandlish	[Redacted]
Regional Director	David Field	[Redacted]
Temporary Works Coordinator	Pawel Pliszko	[Redacted]
HSQE Manager	Garry Smith	[Redacted]
Head of Sustainability & Community Relations	Emma Thompson	[Redacted]
Environmental Manager	Rob Usher	[Redacted]

Specialist Contractors and Sub-Contractors

The following companies, specialist contractors and/or individuals will be involved during this Method Statement:

Name and address of company, specialist contractor or individual, etc.	Work activity / Specialism	Point of contact details (name and telephone number)
Burnside Plant Hire 1 Milton Road East Kilbride G74 5BU	Temporary Dam Sub-Contractor – Sheet Piling	James Miller [Redacted]
WI Meikle Milton Industrial Estate Lesmahagow Lanark ML11 0JN	Civils Contractor – Installation of precast units and mattress/rock armour	Colin Meikle [Redacted]
Floating Pontoon Hire Unit 6 Dell Buildings, Milford Road, Lymington, Hants SO41 0ED	Temporary bridge – Pontoon hire specialist	Dan Ammonds [Redacted]
Flexi-Dam Ltd 15-23 Telford Rd, Cumbernauld, Glasgow G67 2AX	Temporary dam - Flexi-dam specialist	Colin Gow [Redacted]

2. Resources

The following resources will be used for this Method Statement:

Approved for Construction Design Documents

Document Reference	Document Title
3255-MHB-DRG-300-C01 (AFC)	General notes
3255-MHB-DRG-301-C01	Existing General Arrangement
3255-MHB-DRG-310-C01	GA of Proposed Works with precast Units
3255-MHB-DRG-311-C01	Proposed Sections 1 of 2
3255-MHB-DRG-312-C01	Proposed Sections 2 of 2
3255-MHB-DRG-315-C01	Proposed Pier Elevations 1 of 2
3255-MHB-DRG-316-C01	Proposed Pier Elevations 2 of 2
3255-MHB-DRG-321-C01	Proposed Details 1 of 3
3255-MHB-DRG-322-C01	Proposed Details 2 of 3
3255-MHB-DRG-323-C01	Proposed Details 3 of 3
3255-MHB-DRA-002-C01	Designers Risk Assessment

People

Task	Number of People and their competence
TBS 01 – Enabling & River Access Works	1No Site Manager (SMSTS, First Aid), 1No. Excavator Driver; 1no. Dumper Driver; 3no. general operatives
TBS 02 - Installation of Temporary Dam and Pontoon bridge	1No Site Manager (SMSTS, First Aid), 1No Site Engineer, Piling Sub Contractor, Pontoon bridge and FlexiDam subcontractors
TBS 03 - Scour Repairs to Pier Aprons and North Abutment	1No. Site Manager (SMSTS, Fire Aid), 1No. Banksman, 2No. operators, 2No. General Operatives. Civils Contractor
TBS 04 – Installation of Grout Mattress/ Rock Armour	1No. Site Manager (SMSTS, Fire Aid), 1No. Banksman, 2No. operators, 2No. General Operatives. Civils Contractor

Plant, Equipment and Tools

Task	Quantity of Plant, Equipment and Tools
TBS 01 – Enabling & River Access Works	HIAB, lifting accessories, bearing pads. Excavator, Bomag Roller
TBS 02 - Installation of Temporary Dam	2 No Super-silent Pumps, Bomag Roller/Compactor plate (Settlement tanks / Silt busters), Piling rigs / Piling hammer, welding equipment, Setting out equipment, Bailey bridge Scaffold A frames and waterproofing membrane, Pontoon bridge, timber big mats, edge protection, key clamp handrail, CHS piles Long reach excavator
TBS 03 - Scour Repairs to Pier Aprons and North Abutment	1 No Excavator (Lifting equipment), 1 No Dumper, 1 No Mobile concrete pump, two-way radios, drilling equipment, Setting out equipment, Bailey bridge, Bomag Roller/Compactor plate
TBS 04 – Installation of Grout Mattress/ Rock Armour	1 No Excavator, 1 No Dumper, 1 No Mobile concrete pump, Grout mattresses & accessories, two-way radios, Wash out skip

Materials

Task	Quantity of Materials
TBS 01 – Enabling & River Access Works	Geotextile membrane, stone
TBS 02 - Installation of Temporary Dam	Temporary Dam Materials, Sheet piles, Rock armour, concrete/HDPE pipes, Tonne bags (filled with natural clean stone); scaffolding and pontoon bridge materials
TBS 03 - Scour Repairs to Pier Aprons and North Abutment	Precast Units, Dowell bars, Connection plates, Rock armour, Concrete (no fines), Resin, Shuttering materials, 1A Class fill, Backing chord/Polyurethane Sealant, Galvanised Plates
TBS 04 – Installation of Grout Mattress/ Rock Armour	Ready mix concrete, Proserve Mattress, Sealing bars, Rock Armour

Site Mandatory Personal Protective Equipment Requirements

Safety boots with a 200-Joule metal toecap as a minimum/steel midsole - EN 20345
 Safety Gloves - EN388
 Hardhat (Blue/White) - EN397
 Safety Glasses - EN166.1F
 High Visibility orange clothing with reflective stripes (tabard / jacket / trousers) - EN471 Class 3

Task Specific Personal Protective Equipment Requirements

Task	Personal Protective Equipment
TBS 01 – Enabling & River Access Works	Site Mandatory
TBS 02 - Installation of Temporary Dam	Lifejacket, Wellington Boots / Waders, Ear Defenders / Life jackets
TBS 03 - Scour Repairs to Pier Aprons and North Abutment	Ear Defenders, Wellington Boots / Waders
TBS 04 – Installation of Grout Mattress/ Rock Armour	Ear Defenders, Concrete Gloves, Wellington Boots / Waders

3. Working Together

At site communication

Communications on site will be mainly carried out using company mobile phones which are operated on the EE Network and reception is sufficient across the whole of the area. As the working areas will never be completely dry, the use of mobile phones impractical. In this event, two-way radios with lanyards and voice activated earpieces should be utilised for communication within the site working area.

Contact details (External Stakeholders)

The following are the main contacts for this Method Statement:

Name	Role	Organisation	Contact details	Tick to confirm number works and has been tested
Phillip Hall	Project Manager	Aberdeen City Council	01224 067 840	
Anju Matthew	Site Supervisor	Aberdeen City Council	01224 045208	

Other parties involved with the package of work (interfaces details)

The following working arrangements will apply with all parties / organisations that have been identified with this Method Statement:

Interfacing Organisation	Interface Point for:	Point of Contact & contact details	Interface arrangements
Aberdeen City Council	Bridge works	Philip Hall	Local Authority
Aberdeen City Council	Road works	Terry Macleod	Local Authority – pavement closures/ TM/ TTRO
Aberdeen City Council	Environmental	Philip Hall	Out of Hours working
Marine Scotland	Work in water	Louise Treble	Temporary dam works, Scour Protection
EcoW	Ecology	Steff Ferguson	EcoW
Dee District Salmon Fisheries Board	Dam/ Fish rescue	Edwin Third	Statutory Consultee

4. Hazard Management

Work involving particular risks

The work in this package involves the following particular risk(s), as detailed in Regulation 12 (2), (Schedule 3) of the CDM Regulations 2015:

Risk	When and where will the risk be present?	Permits Required	How will this risk be controlled?
Risk falling from a height.	TBS002, TBS003	SP08- Permit to work at height & SP07- Permit to Lift	During the installation of the site welfare and offloading the dam materials. The slinger will be required to wear a harness and fall arrest if there is no edge protection is present on the HIAB. Operatives should be aware of underfoot conditions and be cautious when working at height.
Work exposing workers to the risk of drowning.	TBS 02		The Site manager will check weather reports to ensure there are no unexpected rises in the water level. There will be no lone working. The river flow will be monitored throughout the working day. Life preservers will be made available close to the working area. Should an overtopping event occur its imperative that all material, plant and equipment are removed from the dam area well in advance of water levels rising

Work involving the assembly and dismantling of heavy prefabricated components – Lifting Operations	TBS002, TBS003	SP07- Permit to Lift	Ensure the plant and equipment required to assemble the temporary dam and the precast pier surround are suitable, been inspected, and have the certificate of compliance. At all times works must be compliant with LOLER regulations and the approved lift plan. During heavy lifts exclusion zones must be setup and maintained throughout. Under no circumstances can anyone walk under a suspended load.
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Significant construction risks

The following are the significant construction safety and health risks that apply during this Method Statement:

What are the main risks (including health) during this Method Statement?	When and where will the risk be present?	Permits Required	How will the risk be controlled
Untidy Site	All	N/A	Operatives and contractors must be briefed on good housekeeping. Keep so far as reasonably practicable walking routes clear of debris or any vegetation. Ensure personnel are aware of the surround environment and their potential hazards.
Injury due to poor manual handling	TBS 01 TBS 02 TBS 03 TBS 04	N/A	Manual handling training and assessment to be given. Operatives to take care when lifting heavy items. Watch for slips, trips, falls, etc. Operatives not to lift any more than what's specified in the manual handling assessment.
Poor site access and egress	TBS01 TBS 02 TBS 03 TBS 04	N/A	The vehicle access to site is from Riverside Drive. Vehicles must adhere to a 5mph speed limit on site, and should always have a banksman available, to ensure there is no interference with members of the public. Drivers should always be aware of their surrounds and inform site management of any issues surrounding access or egress from site. This is a residential area; therefor extra vigilance is required regarding the proximity of children
HAVS	TBS01 TBS 02 TBS 03 TBS 04	N/A	HAVS data must be monitored accordingly for the following plant, • Cordless drill @ <2.5m/s (8 Hours) Operatives must ensure to have sufficient breaks between using the plant/equipment. All recorded data to be sent to head office for monitoring. Operatives are to ensure the correct PPE is worn at all times
COSHH – Working With hazardous Substances including cement/concrete	TBS 03 TBS 04	N/A	Ensure all hazardous substances are stored in accordance with the material data sheet, ensure all personnel who handle the materials are briefed on the COSHH data sheet. Suitable PPE must be worn at all times when handling a hazardous material – please refer to Safety data sheet. First aiders to ensure they are aware of the products being used and the First Aid procedures to deal with them should any issues arise. Any materials hazardous to health must be disposed off in accordance with the waste management plan

Public / Pedestrian Interface	All	N/A	Operatives are to remain polite at all times. If any information is requested by members of the public, they shall be directed to the site manager, where present. Site Signage will be placed on the Heras fencing to give the public information on the works.
Working at Height	TBS 02 TBS 03	SP08- Permit to work at height	During the installation of the welfare units, the slinger will be required to wear a harness and fall arrest if there is no edge protection is present on the HIAB. Operatives should be aware of underfoot conditions and be cautious when working at height. Falling into cofferdam – keep back from the edge of dam. Use authorised causeway/ ramp access.
Lifting Operations - Failure During Unloading of Plant and Materials	TBS 02 TBS 03	SP08- Permit to Lift	All lift plans will be undertaken using an approved lifting plan. All lifting accessories will be available for inspection. Operators' certification and licenses should match the approved lift plan. The Slinger should ensure off lifting equipment is secured correctly on the lifting points prior to lifting.
Vehicle Collisions & Accidents	All	N/A	High visibility clothing, hard hats, safety footwear to be always worn by operatives on site and visitors to site. Warning signs will be erected as well as speed restrictions signs of 5mph. Any plant entering site will be escorted by a banksman.
Fuel Spills: harm to the environment, open water, dermatitis; Pollution of river.	All	N/A	Plant to arrive on site with fuel tanks already full. All refuelling will be carried out in the site compound. Any spillages to be mopped up immediately using spill kit and reported. Any material contaminated during spillage to be contained bagged and removed from site for appropriate disposal. Appropriate PPE to be worn, including gloves. Any fuel in contact with skin to be washed off immediately. Bio-fuel to be used for plant in river. Marine spill kits available on site and strategically placed within north riverbank. Daily plant checks by competent personnel.
Injury due to using machinery. Personnel being struck by plant.	All	N/A	Only basic maintenance will be undertaken on site and by competent operatives only. All other machinery will be immobilised and will be placed in a safe place so as not to cause any obstruction or a danger. All passengers on plant will be prohibited from riding in dangerous positions. All appropriate personal protective equipment will be used when operating machinery. Provide banksman and exclusion zone for works. All visitors must be supervised. Provide perimeter and internal boundary secure fencing with signage. Trained and competent personnel. Supervision at all times.
Striking Buried Services	TBS 03	SP05- Permit to Dig	The area will be scanned by a trained and competent cat scan operative/site engineer. The engineer should check the cat scan has been calibrated within the last year. The engineer and site manager should both complete the permit to dig form. Any services identified during the

			cat scan should be recorded and the information should be passed to the site manager.
Cofferdam collapse	TBS 01	Permit to Load	Erect dam as per approved TWD. Erection & dismantling by operatives with proven experience. All adaptations and alterations to be carried out by competent contractor. Ties must not be removed. Inspection of the cofferdam by a competent person every seven days, and always after bad weather/ flood event. Handing over cert issued prior to further works.
Impacts on Salmonoids, Including the protected Atlantic Salmon (<i>Salmo Salar</i>)	All	N/A	Refer to the 'Construction Environmental management Plan) No works to take place in the water out with the agreed dates – Please review marine licence to understand the restrictions / limitations
Impacts on Aquatic & Riparian wildlife, including Freshwater Pearl Mussel and Otter	All	N/A	Carry out pre-works protected mammal survey, follow working close to water guidelines (SEPA/Netregs) and site-specific pollution prevention plan. Refer to CEMP, carry out preworks checks, regular toolbox talks, regular ECoW visits
Noise	TBS 02	N/A	Prior to work starting all neighbouring properties will be notified that works that create noise are due to start. Where possible noise mitigation will be installed in the form of acoustic matting, noise readings will be taken each day during noisy activities and recorded on site. Noise reducing plant will be sourced, all personnel will be issued with noise defenders when working in areas of high noise levels
Invasive Species – Japanese Knotweed	TBS 01	N/A	It is known that Japanese Knotweed is located close to the structure, this was treated in 2024. This should be monitored by Taziker site manager throughout the duration of the works. Toolbox talks to be given to site operators from EcoW - to include vigilance for nonnative invasive species Only specialist contractors licensed to work with Japanese Knotweed should be used in its treatment/ removal. IWA works.
Hot Works – Installing sheet piles	TBS 02	SP04 – Hot Works Permit	Any Hot works must be undertaken under the guidance of a Hot Works permit, the control measures contained within the permit must be followed stringently. Operative must ensure the area is clear of combustible materials, they have firefighting equipment close by and they have suitable PPE on at all times

TI Golden rules (Tick applicable rules per Task ✓)

Task							
TBS 01		✓	✓	✓			✓
TBS 02	✓	✓	✓	✓	✓	✓	✓
TBS 03	✓	✓	✓	✓	✓	✓	✓
TBS 04	✓	✓	✓	✓	✓		✓

COSHH products to be used during these works

Product	Task product is being used	Is any additional monitoring required (Isocyanates etc.)
Diesel	TBS 03	No
Concrete	TBS 03, 04	No
Cementitious Grout	TBS 03, 04	No
Resin	TBS 03	No
Hybrid Mortar	TBS 03	No
Polyurethane Sealant	TBS 03	No

Previous Incidents relating to these tasks – consult HSQE Team for further details

Task	Common Injury	Cause	Action to be taken

5. Environmental and Waste Management Arrangements

Environmental Management Arrangements

Environmental Manager	Rob Usher	Contact No	07967 506 654
Consents/ Licences/ Permits	Marine License – For access river TTRO (Temporary Traffic Regulation Order)		
Spillages (Fuel & Paint)	Any spillages of fuel oils etc. will be contained as far as possible on-site using spill kits provided. All spills must be reported Taziker HSQE Manager will be notified immediately of any environmental incident in accordance with TI Environmental Policy Double Bonded, Impermeable Sheeting & Spill Kits available on site		
Noise	Noise emissions arising from the work shall be managed in accordance with industry best practice.		

Dust

An exclusion zone will be created around areas where dust may be present due to the works, to protect the public from inhaling any of the dust particles. All operatives will wear the appropriate RPE.

Waste Management Arrangements

The waste hierarchy of prevention, reduce, reuse, recycle will be applied to all generated waste. Each waste stream shall be segregated and labelled to aid identification and sorting which maximises recycling efficiency. Waste shall be stored in lockable enclosed skips, completed Waste Transfer Notes shall be provided for all waste movements, these will be verified by the Site Manager and stored within the Site File.

6. Emergency Arrangements

Site emergency arrangements

Risk	Evacuation Method
Collapse of individual	Immediately contact emergency services (999), First aider to attend IP, contact on call manager or TI Safety Manager. Stretcher from emergency vehicle will be utilised.
Fall into Water	In the event of an operative falling into the water the life preserver may be utilised, and the site manager informed. The operative should be taken to the north bank where emergency services can access if required. The river level is generally low, but the site manager will constantly review the weather conditions and forecasts for warning of change. Should the river level rise significantly, all work should stop.

In the event of an accident or incident on your site you should immediately contact emergency services if required, ensuring first aid attendance to any injured persons.

The following people should also be contacted:

- The Project Manager for the work: Pawel Pliszko
- Health and Safety Manager for the work: Garry Smith

The Accident Record (SF 48) should be completed as an initial investigation by the Site Manager and emailed to HSQE@ti.uk.com

If drink or drugs are suspected as a contributory factor, or cannot be ruled out, the number for Healthcare Connections is 07850 161 718 and the Pin No. is 8117. This allows you to conduct a For Cause test on the individuals involved.

First aid arrangements

A member staff will be nominated by the Site Manager /Supervisor to administer first aid. This person will have access to a first aid kit. Where possible, the name of the nominated first-aider will be published on the Task Briefing Sheet as well as the site cabins and emergency stations on site.

The Emergency Coordinator is responsible for initiating actions in event of an accident / emergency as follows:

1. Accidents resulting in serious injury.
 - a. Immediately contact emergency services and ensure first aid attendances.
 - b. Contact On-Call Manager and / or TI Safety Manager; (see item 6 below.)
 - c. Advise main Contractor's site representative on-site
 - d. Carry out actions described in item 7 below
2. Where the operational railway is affected - follows steps b) to e) above
3. Any accident-causing injury or harm to persons – arrange for First Aid support and follow steps b) to d) above

4. Any incident, near miss, dangerous occurrence or possession irregularities - follow steps a) to b) above
 5. Serious environmental incident, e.g. pollution - immediately contact SEPA and follow steps b) to d) above
 6. If drink or drugs are suspected as a contributory factor, or cannot be ruled out, call out OHC to screen any employee involved in the incident who is suspected of being under the influence.
 7. Serve as the company focus for initial co-ordination with emergency services, other contractors and parties on site.
- Additional Information provided in Appendix 8.2 First Aid Risk Assessment.

Evacuation arrangements

Site method of raising alarm: Fire call points located within the site welfare Cabin

Facilities for moving an IP: Emergency Services Vehicles Stretcher

Location of emergency muster point: Riverside Drive Site Entrance

Mean of accounting for all persons present: Site Manager will check off names of people at the site muster point using the site signing register. Site method of raising alarm: [Fire call points, Air Horns]

Facilities for moving an IP: [Fold Up Stretcher located in the site office]

Location of emergency muster point: [Front Pedestrian Entrance Gate]

Mean of accounting for all persons present: [Site Signing in Register]

Fire safety arrangements

Refer to the project specific Fire Plan (SF05) which has been produced alongside the Construction Phase Plan to identify applicable Fire Risks and the equipment provision required.

Location of fire equipment on site is as follows:

Location of fire equipment on site is as follows: Welfare Cabin

A Hot Works Permit issued when using Handheld tools that may cause a spark which will then have a Fire Watch approx. 1 hour after works are completed. Should there be a fire on site the operatives on site will hear the Fire Horn which will be explained and identified during the briefing.

Additional Information provided in Appendix 8.1 Fire Risk Assessment.

Security arrangements

Method of site security required on this site

CCTV	Primer Secure Monitoring pods	Contact	0345 888 8333 Info@prime-secure.co.uk
Security Guard	N/A	Contact	N/A
Other	Site fencing with signage	Contact	Taziker supervisor/ site management

At the end of each shift the Site Manager will ensure all tools and equipment are secured or locked away in the appropriate cabin. Welfare and storage cabins will be locked at the end of the shift ensuring any fuel or paint is locked away in the paint store or lockable flammable boxes.

Access gates will be kept locked at all times during the works to prevent any unauthorised access, the Site Manager will conduct daily checks of the site perimeter and work area to ensure the site is secure.

Summoning emergency services

An Emergency Evacuation Plan (SF 56) will be completed before works start. Refer to the project Emergency Evacuation Plan to provide a task specific response in this section.

Asbestos

N/A

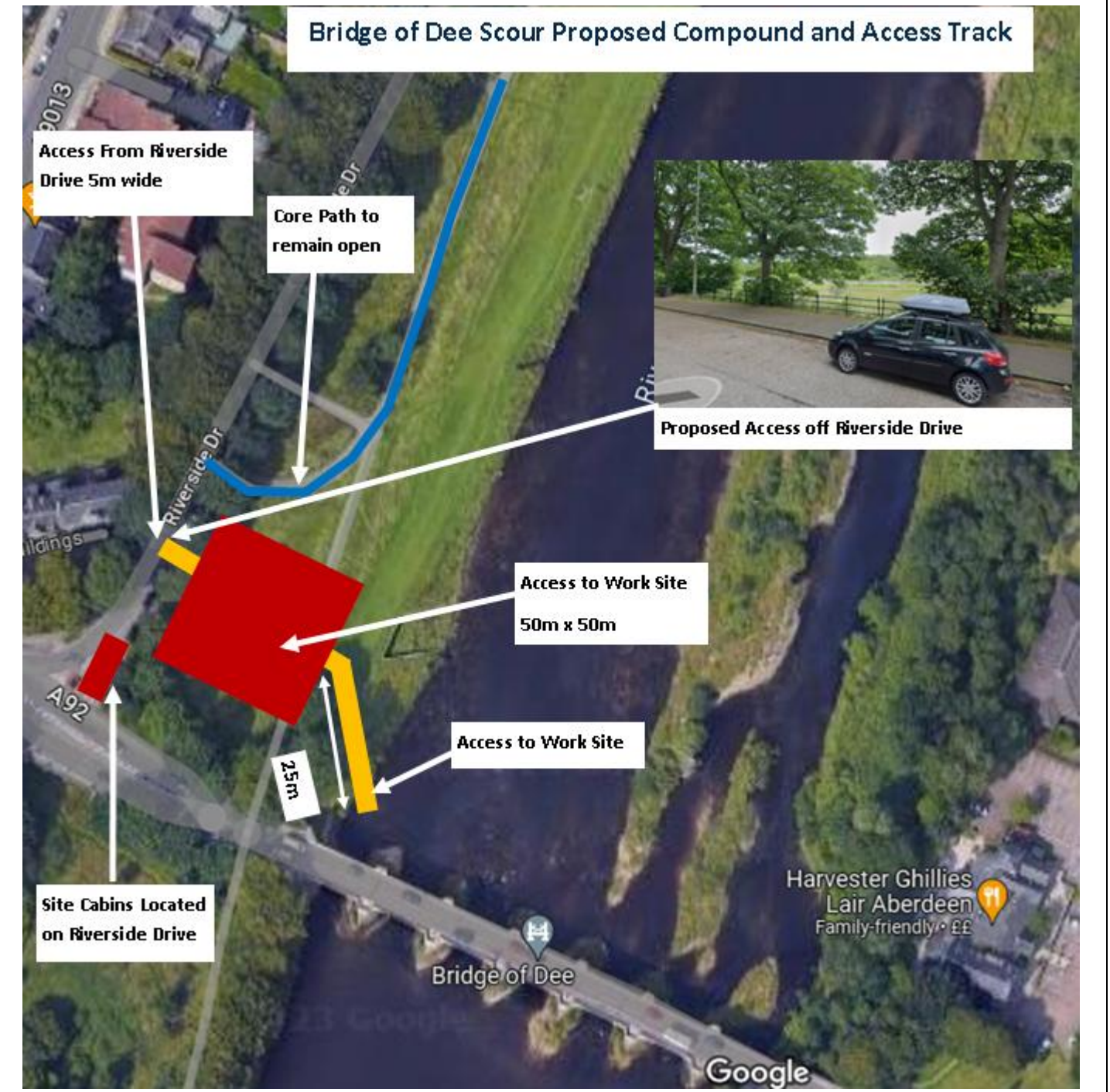
Utilities

Gas – National Grid	0800 111 999	Water	0800 0778 778
Electric	0800 404 090	Other	

On discovery of any unanticipated utilities work will be immediately suspended in the vicinity, the area is then to be vacated and isolated. The Project Manager and HSQE Manager for the project will be notified, along with the Client and the relevant utility organisation or company.

7. Method Statement Arrangements

Site Layout



Access and Egress

Site Compound access point	The site access will be via Riverside Drive, situated to the Northeast of the Bridge of Dee
Site Compound egress point	Egress will be from Riverside Drive.
Worksite access point	From the site compound along a temporary causeway to the northeast riverbank. The causeway will have a permanent pedestrian route demarcated from heavy play by suitable barriers
Worksite egress point	From site along the temporary causeway to the compound. The causeway will have a permanent pedestrian route demarcated from heavy play by suitable barriers

Welfare

Welfare facilities will be provided within the site compound after installation as follows:
This will include provision for preparing and eating meals, clean drinking water supply, Drying Rooms, Toilet and washing facilities, area to administer first aid and Fire Fighting Equipment.
Additional Information provided in Appendix 8.6 Appendix A & B from NR/L3/INI/CP0036.

Traffic Management

Traffic and pedestrian management will be in place within the compound area in the form of a barriers or permanent fence, only vehicles and plant delivering materials should enter the site compound.
All vehicles and plant will be required to adhere to the 5mph speed restrictions on site. All plant will require a banksman to direct them into the site compound.
The site compound access route crosses an existing public footpath that will still be used by members of the public therefore drivers must be vigilant when entering the site.

8. Quality Requirements

Quality Requirements

Concrete Cube Tests will be undertaken on all permanent concrete placed (to the aprons & the grout mattress)
Quality documentation should be provided by the precast wall supplier – records to be included in H&S file

Inspection Requirements

Prior to construction	A site investigation will be carried out prior to establishment. This investigation will include a dilapidation survey and a detailed Topographical survey of the riverbed between the piers. See appendix 10.
After temporary dam installation	A joint inspection of the dam will be carried out by the site manager & Burnside Supervisor to ascertain the effectiveness of the dam.
After Temporary Causeway installation	A joint inspection of the Causeway will be carried out by the site manager & Burnside Supervisor to ascertain the effectiveness of the Causeway.
After grout mattress installation	Concrete quality document
After the remedial work to the piers/aprons	Concrete quality document

9. Hand Over and Hand Back Arrangements

Hand over and hand back arrangements

Handover certificates will be required from any subcontractors working on site, the work will be inspected and signed off by the Taziker Industrial Site Manager.

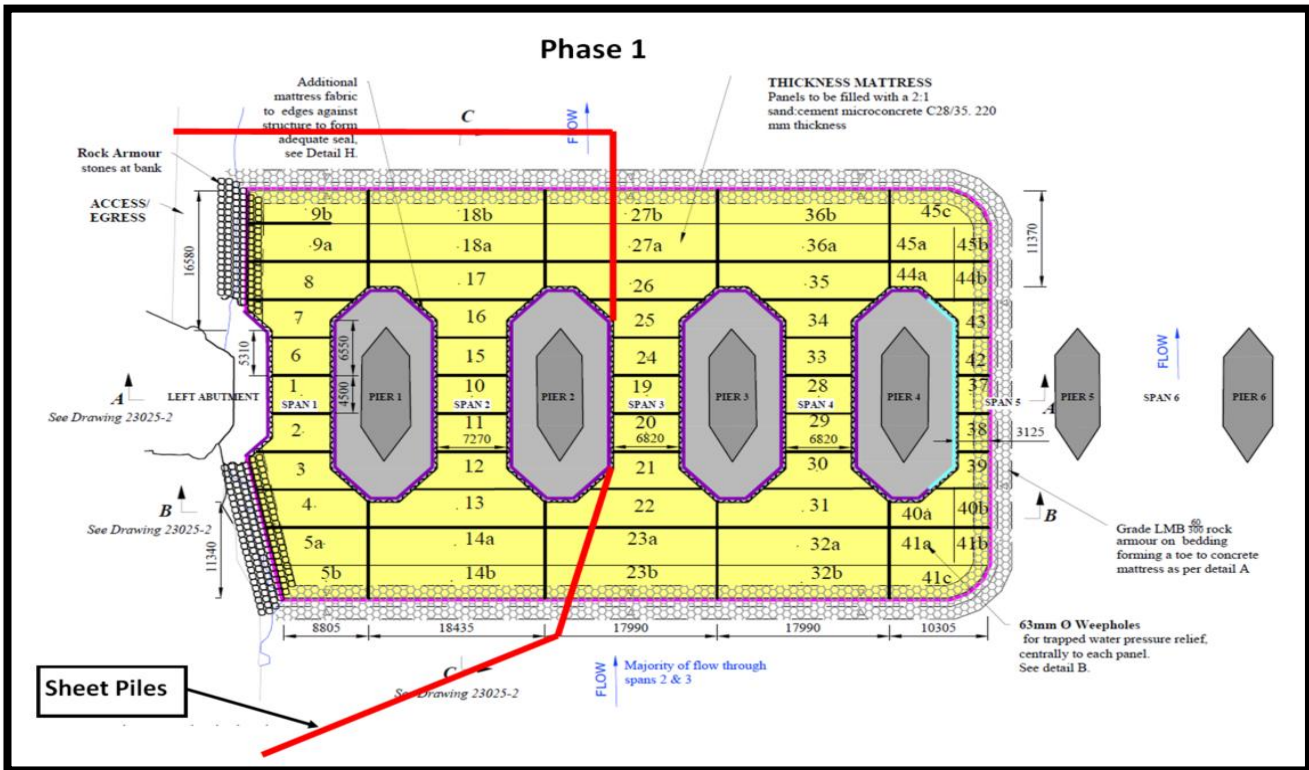
At the end of each shift, the Site Supervisor and Site Manager will inspect the work area to ensure that work site is clear, and no tools/materials are left unattended/unsecured.

At the end of each shift utilising any traffic management, the Site Supervisor and Site Manager will inspect the work area to ensure that work site is clear, and no tools/materials are left unattended/unsecured and undertake a sweep of the working area.

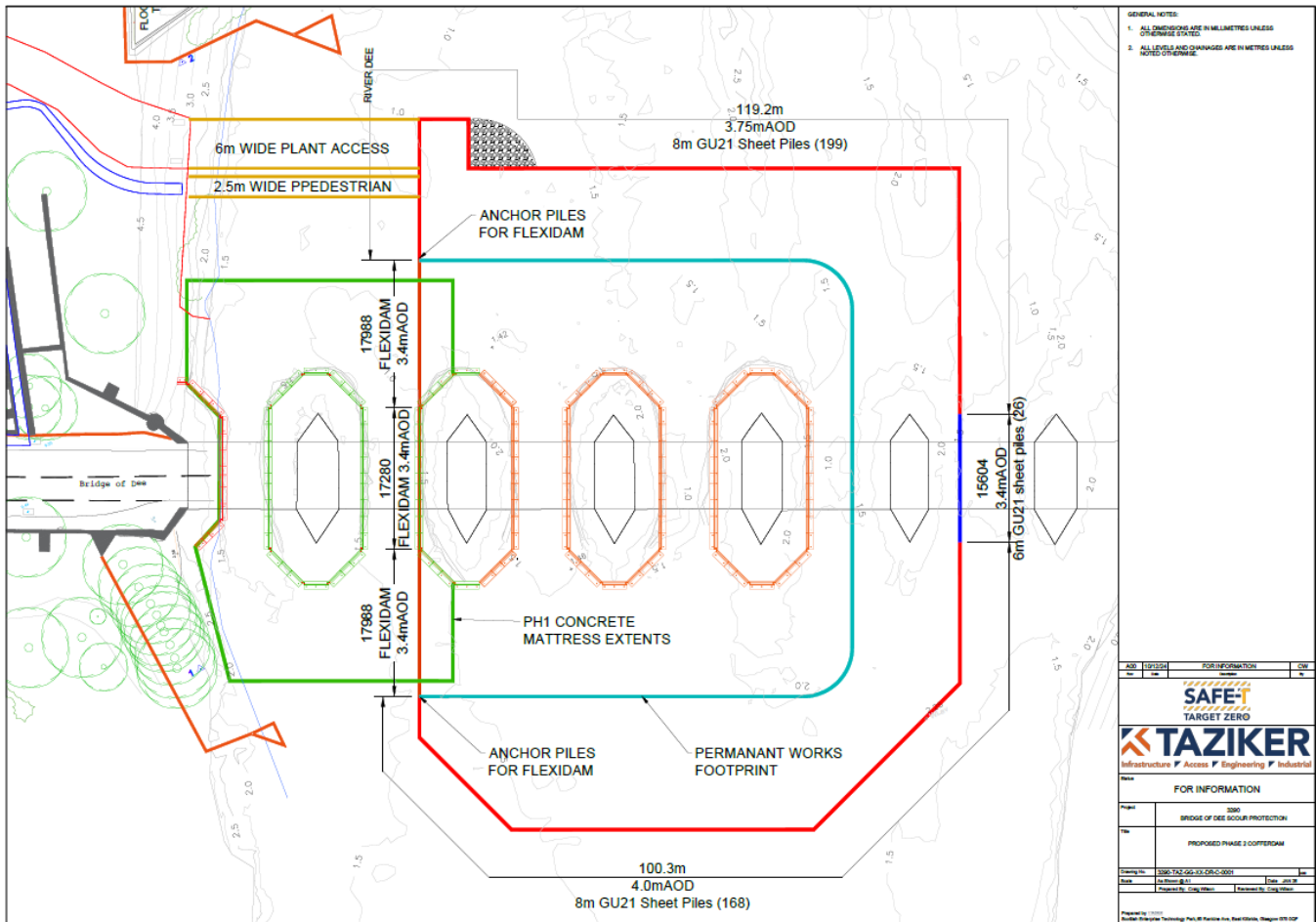
Site photographs will be taken to provide evidence for the condition the worksite has been left in.

10. APPENDICES – Supporting information

Appendix A – Phasing



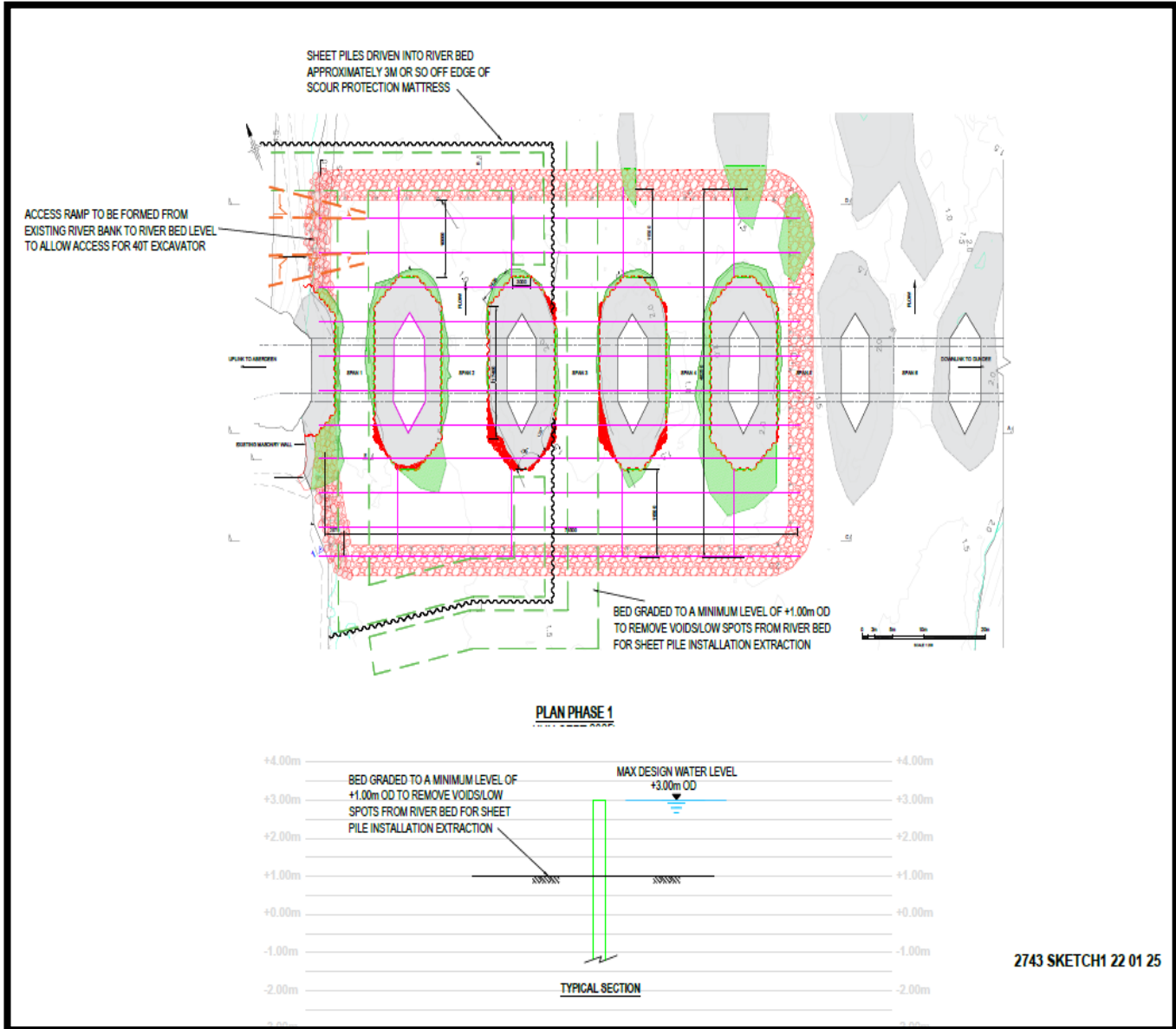
Works completed in 2025, Phase 1 concluded.



Combined Phase for 2026 Season – as proposed.

Appendix B – Temporary Dam Proposal

Phase 1 (2025 Drawing) – Combined Phases 2 & 3 to follow



Appendix C – Temporary Pontoon Drawing

Currently being developed, calculations completed by Keel Marine
Hydrologist report completed by Kaya Consulting.

Appendix D – Construction Environmental Management Plan

Available as a separate document, approved by ECoW in 2025 Season

TAZIKER		SITE SPECIFIC RISK ASSESSMENT					LOW RISK ACTIVITIES	1 – 5							
							MEDIUM RISK ACTIVITIES	6 – 10							
							HIGH RISK ACTIVITIES	11 – 25							
Client: Aberdeen City Council Project: Bridge of Dee Scour Protection Job Number: 3290			ASSESSOR:		CRAIG WILSON	Signature:		[Redacted]	Date:		30/03/2026				
			CHECKER:		PAWEL PLISZKO	Signature:		[Redacted]	Date:		31/03/2026				
Risk Category	Potential Hazards	Risk Analysis LxS = RF				Control Measures						Residual Risk Evaluation			
		L	S	RF	Cat L,M,H							L	S	RF	Cat L,M,H
01	Risk falling from a height.	3	5	15	H	During the installation of the site welfare and offloading the engineering materials. The slinger will be required to wear a harness and fall arrest if there is no edge protection is present on the HIAB. Operatives should be aware of underfoot conditions and be cautious when working at height. Alternatively – lift cabins from cabin lower anchor points (therefore – no need to enter cabin roof or use a ladder – all works could be done from ground level).						1	5	5	L
02	Work exposing workers to the risk of drowning.	3	5	15	H	Works will take place adjacent to and some within riverbank. The Site manager will check weather reports to ensure there are no unexpected rises in the water level. There will be no lone working. The river flow will be monitored throughout the working day. Life preservers will be made available close to the working area.						1	5	5	L
03	Untidy Site	3	3	9	M	Operatives and contractors must be briefed on good housekeeping. Keep so far as reasonably practicable walking routes clear of debris or any vegetation. Ensure personnel are aware of the surround environment and their potential hazards.						1	3	3	L
04	Injury due to poor manual handling	3	3	9	M	Manual handling training and assessment to be given. Operatives to take care when lifting heavy items. Watch for slips, trips, falls, etc. Operatives not to lift any more than what's specified in the manual handling assessment.						1	3	3	L

05	Poor site access and egress	3	3	9	M	The vehicle access to site is from Riverside Drive. Vehicles must adhere to a 5mph speed limit on site, and should always have a banksman available, to ensure there is no interference with members of the public. Drivers should always be aware of their surrounds and inform site management of any issues surrounding access or egress from site. This is a residential area; therefor extra vigilance is required regarding the proximity of children.	1	3	3	L
06	HAVS	3	3	9	M	HAVS data must be monitored accordingly for the following plant, • Cordless drill @ <2.5m/s (8 Hours) Operatives must ensure to have sufficient breaks between using the plant/equipment. All recorded data to be sent to head office for monitoring. Operatives are to ensure the correct PPE is worn at all times	1	3	3	L
07	Public / Pedestrian Interface	3	3	9	M	Operatives are to remain polite at all times. If any information is requested by members of the public, they shall be directed to the site manager, where present. Site Signage will be placed on the Heras fencing to give the public information on the works.	1	3	3	L
08	Working at Height – Falling Objects	3	4	12	H	During the installation of the welfare units, the slinger will be required to wear a harness and fall arrest if there is no edge protection is present on the HIAB. Operatives should be aware of underfoot conditions and be cautious when working at height. Secure any tools and equipment. Do not store anything on the roof of the cabins. No works during windy (adverse) weather.	1	4	4	L
09	Failure During Unloading of Plant and Materials	3	3	9	M	All lift plans will be undertaken using an approved lifting plan. All lifting accessories will be available for inspection. Operators' certification and licenses should match the approved lift plan. The Slinger should ensure off lifting equipment is secured correctly on the lifting points prior to lifting.	1	3	3	L
10	Vehicle Collisions & Accidents	3	3	9	M	High visibility clothing, hard hats, safety footwear to be always worn by operatives on site and visitors to site. Warning signs will be erected as well as speed restrictions signs of 5mph. Any plant entering site will be escorted by a banksman.	1	3	3	L
11	Fuel Spills: harm to the environment, open water, dermatitis	3	3	9	M	Plant to arrive on site with fuel tanks already full. All refuelling will be carried out in the site compound. Any spillages to be mopped up immediately using spill kit. Any material contaminated during spillage to be contained bagged and removed from site for appropriate disposal. Appropriate PPE to be worn, including gloves. Any fuel in contact with skin to be washed off immediately.	1	3	3	L

12		Injury due to using machinery.	3	3	9	M	Only basic maintenance will be undertaken on site and by competent operatives only. All other machinery will be immobilised and will be placed in a safe place so as not to cause any obstruction or a danger. All passengers on plant will be prohibited from riding in dangerous positions. All appropriate personal protective equipment will be used when operating machinery.	1	3	3	L
13		Striking Buried Services	3	4	12	H	The area will be scanned by a trained and competent cat scan operative/site engineer. The engineer should check the cat scan has been calibrated within the last year. The engineer and site manager should both complete the permit to dig form. Any services identified during the cat scan should be recorded and the information should be passed to the site manager. Care will be taken when excavating trial pits above concrete culvert (do not damage concrete and external waterproofing). Formation of the temporary access track over the pavement must be as per MHB designer drawing to ensure correct bearing and protection for underground services located below the pavement.	1	4	4	L
14		Flood tunnel collapse	2	4	8	M	Proposed plant to be 40T wheeled truck max. wheel loading of 6.54t. Excavate trial pits to determine depth to the concrete culvert prior to any ground works above tunnel. Formation of the temporary access to worksite over the tunnel must be as per MHB designer drawing. No materials will be allowed to be stockpiled on the culvert (topside). Culvert footprint area will be marked on the new, temporary infill hardstand surface. Structural Assessment of Tunnel Structure to be undertaken (MHB). Temporary Works Mattress to be installed as per drawings (MHB).	1	4	4	L
15		Noise	3	3	9	M	Provide ear defenders for roller/compactor plate operator and any operators/ assisting personnel within 80dB or higher noise radius. Works during day-time hours only.	1	3	3	L
16		Dust	3	3	9	M	Care will be taken during site establishment/ clean-up works. Spray down surfaces with water or provide the additional RPE (FFP3 dust mask as minimum) for personnel exposed to dust (for example – when compacting Type 1 fill for ground/ site compound establishment works).	1	3	3	L
17		Large plant movements & operations; Being struck by machine	3	4	12	H	Provide exclusion zone and banksman for works. Provide trained and competent operator for excavator and any other large plant involved.	1	4	4	L

18		Slips, trips and falls	3	3	9	M	Pre-brief personnel on risks of uneven surfaces, access walkways, cables, overgrown vegetation, slipping on embankments etc. Work in good light. Be aware of weather conditions that may increase risks (dew, rain etc.). Tools, measuring equipment etc. shall be kept in a safe place when not in use so they do not become a tripping hazard. Any exposed catch pits will have an exclusion zone of 2m.	1	3	3	L
19		Use of mobile phones	3	3	9	M	Restrictions on site where poor reception to be identified and alternative means of communication implemented e.g. radios. Awareness of use only in position of safety for safety critical communications and prohibition of Bluetooth use.	1	3	3	L
20		Nipping/trapping/ crushing and other hand & foot injuries	3	3	9	M	Competent staff trained in task and use of tools. Gloves to be worn at all times. Care taken in opening and closing access gates. Care will be taken during de-vegetation works.	1	3	3	L
21		Invasive Species (plant) spread to wildlife	2	1	2	L	Provide Toolbox talk to site team on ecology matters. Provide exclusion zones around invasive species as noted within IKM ecologist report. Invasive plant will include: Giant Hogweed, Himalayan Balsam, Japanese Knotweed, American Skunk Cabbage. Do not damage or move invasive plant. Appoint specialist contractor if plant is required to be removed and works cannot fall out-with the plant exclusion zone.	1	1	1	L
22		Affecting Badger setts	2	1	2	L	Provide Toolbox talk to site team on ecology matters. Provide exclusion zones around badger setts.	1	1	1	L
23		Affecting Otters (Halt)	2	1	2	L	Provide Toolbox talk to site team on ecology matters. Provide exclusion zones around otter's halt. Appoint Ecological Clerk of Works ECoW to monitor halt and otters activity within riverbank. Keep minimum 30m distance away from the halt.	1	1	1	L
24		Damage to the Trees	2	1	2	L	Provide Toolbox talk to site team on ecology matters. Provide exclusion zones and tree protection/fencing around all trees noted. Cutting of large trees will be strictly prohibited. Provide banksman for any large plant or vehicles movement.	1	1	1	L
25		Affecting the Salmon Smolt	2	1	2	L	No works to take place in the water between the stated period. Marine license in place for works in the water.	1	1	1	L

Risk assessment form

Name of assessor	Pawel Pliszko	Date	27/05/2025
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Time	10:00	Work area	A92 Bridge of Dee, Riverside Drive, Aberdeen AB10 7JP
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Task being assessed	Scour Protection Works – Installation of temporary dam
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What is the hazard?	Who might be harmed?	How might people be harmed?	Existing risk control measures	Risk rating			Additional controls	New risk rating (Residual)			Actioned by whom & when?	Monitored by whom & when + review date?
				L	C	R		L	C	R		
Struck by machine	Piling machine ops works (2no.)	Crashed under load Struck by feeder rig	Reinforced rig cabin Seat belt Trained & competent op	4	5	20	Slew restrictor Kill switch Overload alarm Movax drive unit	2	5	10	Site manager/within 48hrs Update RAMS/within 24hrs	Project manager/within 24hrs then daily visits
	Piling banksmen (2no.)	Crashed under load Entrapment	Trained & competent	4	5	20	Exclusion zone Kill switch	2	5	10	Site supervisor/immediately; Site manager -Kill switch 24hrs	Site manager/ within 24hrs then twice per shift checks
	Other contractors (4no.)	Crashed under load Entrapment	Task briefing	3	5	15	Exclusion zone Supervision	2	5	10	Site supervisor/immediately	Site manager (24hrs) Daily
	Plant fitters (2no.)	Entrapment	Trained & competent	3	5	15	Safety pin, Fail to safe devices	2	5	10	Site manager/24hrs	Site manager (24hrs) Weekly

	Supervisors (3no.)	Crash/entrapment	Trained & competent	3	5	15	Exclusion zone Senior supervision	2	5	10	Site manager/immediate	Project manager (24hrs); Weekly
	Trespassers	Crash/entrapment	Site fencing	2	5	10	Signage/CCTV	1	5	5	Manager/48hrs	Project manager (48hrs), weekly
	Visitors	Crash/entrapment	Site Induction	2	5	10	Accompanied	1	5	5	Manager/immediate	Project manager (random audits)

Risk assessment form

What is the hazard?	Who might be harmed?	How might people be harmed?	Existing risk control measures	Risk rating			Additional controls	New risk rating (Residual)			Actioned by whom & when?	Monitored by whom & when + review date?
				L	C	R		L	C	R		
Risk of drowning	Piling machine ops works (2no.)	Fall into river Flood event Trapped inside cofferdam	Enclosed rig cabin Trained and Competent	4	5	20	Rig access platform with handrail Life ring Life jacket	3	4	12	Site manager/within 48hrs Update RAMS/within 24hrs	Project manager/within 24hrs then daily visits
	Piling banksmen (2no.)	Fall into river Flood event Trapped inside cofferdam	Trained & competent	4	5	20	Exclusion zone/ monitoring platform Life ring/ jacket Safety boat	3	4	12	Site supervisor/immediately; Site manager – Safety boat 24hrs Hydrology report	Site manager/ within 24hrs then twice per shift checks Flood monitoring
	Other contractors (4no.)	Fall into river Flood event	Task briefing	4	5	20	Exclusion zone Supervision	2	5	10	Site supervisor/immediately	Site manager (24hrs) Daily
	Plant fitters (2no.)	Fall into river Flood event Trapped inside cofferdam	Trained & competent	4	5	20	Rig access platform with handrail On-shore maintenance/PPE	2	5	10	Site manager/24hrs	Site manager (24hrs) Weekly audits
	Supervisors (3no.)	Fall into river Flood event	Trained & competent	4	5	20	Exclusion zone Senior supervision	2	5	10	Site manager/immediate	Project manager (24hrs); Weekly

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	Trespassers	Fall into cofferdam	Site fencing	3	5	15	Signage/CCTV	1	5	5	Manager/48hrs	Project manager (48hrs), weekly
	Visitors	Fall into river Flood event	Site Induction	3	5	15	Accompanied Life jacket	1	4	4	Manager/immediate	Project manager (random audits)
	Members of Public	Flood event	Site fencing Residents letter	2	5	10	Signage/CCTV Flood monitoring	1	5	5	Manager 48hrs	Project Manager/ daily/weekly
	In River Sport teams	Fall into cofferdam	Stakeholders letter	2	5	10	Signage/CCTV Flood monitoring	1	5	5	Manager 48hrs	Project Manager/ daily/weekly
	Fishermen	Fall into cofferdam	Stakeholders letter	2	5	10	Signage/CCTV Flood monitoring	1	5	5	Manager 48hrs	Project Manager/ daily/weekly
What is the hazard?	Who might be harmed?	How might people be harmed?	Existing risk control measures	Risk rating			Additional controls	New risk rating (Residual)			Actioned by whom & when?	Monitored by whom & when + review date?
				L	C	R		L	C	R		
Fall from a Height	Piling machine ops works (2no.)	Fall from rig	Rig cabin access ladder Trained & comp.	4	5	20	Rig access platform/handrail Enclosed cabin	2	5	10	Site manager/within 48hrs Update RAMS/within 24hrs	Project manager/within 24hrs then daily audits
	Piling banksmen (2no.)	Fall from monitoring platform Fall into cofferdam	Trained & competent	4	5	20	Exclusion zone Additional guardrail fitted to	2	5	10	Site supervisor/immediately; Project manager – TWD (designer) amend 1 week/procure/	Project manager/within 1 day-2weeks then twice per week checks

						cofferdam – TW design altered				implement guardrail 2weeks (technicians)	
Other contractors (4no.)	Fall into cofferdam	Task briefing	4	5	20	Exclusion zone Supervision Dam crest guard	2	5	10	Site supervisor/immediately	Site manager (24hrs) Daily PManager – 2 weeks
Plant fitters (2no.)	Fall into cofferdam	Trained & competent	3	5	15	On shore maintenance	2	5	10	Site manager/24hrs	Site manager (24hrs) Weekly
Supervisors (3no.)	Fall into cofferdam	Trained & competent	3	5	15	Exclusion zone Senior supervision	2	5	10	Site manager/immediate	Project manager (24hrs); Weekly
Trespassers	Fall into cofferdam	Site fencing	2	5	10	Signage/CCTV	1	5	5	Manager/48hrs	Project manager (48hrs), weekly
Visitors	Fall into cofferdam	Site Induction	2	5	10	Accompanied	1	5	5	Manager/immediate	Project manager (random audits)
Emergency services	Fall into cofferdam	Emergency Arrangements Plan	2	5	10	Safety boat Flood Emergency Plan Weather monitoring	1	5	5	Project manager/ 1 week	Project manager – weekly inspections and monthly audits

What is the hazard?	Who might be harmed?	How might people be	Existing risk control	Risk rating	Additional controls	New risk rating (Residual)	Actioned by whom & when?	Monitored by whom & when + review date?
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		harmed?	measures	L C R				L C R				
				L	C	R		L	C	R		
Pollution of river	Piling machine ops works (2no.)	Spillage/ Contact with non-bio fuel or oils COSHH	On shore fuelling Trained and competent Plant nappies	4	4	16	Marine spill kit Bio-fuel/oil; Onshore refuelling Plant checks	2	3	6	Site manager/within 48hrs Update RAMS/within 24hrs; Ops - immediate	Project manager/within 48hrs then daily visits
	Piling banksmen (2no.)	Spillage/ Contact with non-bio fuel or oils COSHH	Trained & competent	4	4	16	Marine license Marine spill kits Bio-fuel & bio-oils plant only Spill training	2	3	6	Site supervisor/immediately; Site manager - 24hrs	Site manager/ within 24hrs then daily checks
	Other contractors (4no.)	Contact with pollutant/ spill	Task briefing	3	4	12	Exclusion zone Supervision	2	3	6	Site supervisor/immediately	Site manager (24hrs) Daily
	Plant fitters (2no.)	Contact with pollutant/ spill	Trained & competent	4	4	16	Marine spill kit Bio-oils/fuel	2	3	6	Site manager/24hrs Plant fitters/immediate	Site manager (24hrs) Weekly
	Supervisors (3no.)	Contact with pollutant/ Spill	Trained & competent	3	4	12	Exclusion zone Senior supervision	2	3	6	Site manager/immediate	Project manager (24hrs); Weekly
	Trespassers	Contact with spill	Site fencing	2	4	8	Signage/CCTV	1	3	3	Manager/48hrs	Project manager (48hrs), weekly
	Visitors	Contact with spill	Site Induction	2	4	8	Accompanied	1	3	3	Manager/immediate	Project manager (random audits)
	Members of Public	Contact with spill	Site fencing	2	4	8	Marine spills kit Spill response plan	1	3	3	Manager/48hrs	Project manager (weekly audits)
	Tourists/ Fishermen	Contact with spill	Site fencing	2	4	8	Marine spills kit Spill response plan	1	3	3	Manager/48hrs	Project manager (weekly audits)
	Local river businesses	Contact with spill	Site fencing	2	4	8	Marine spills kit Spill response plan	1	3	3	Manager/48hrs	Project manager (weekly audits)

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	Emergency services	Contact with spill	Emergency Plan	2	4	8	Spill response plan	1	3	3	Manager/48hrs	HSE advisor- 1/wk
	Aquatic plant	Contact with spill	ECoW supervision	3	5	15	Spill response plan	2	4	8	Manager/ECoW - 48hrs	HSE advisor -1/wk
	Animals/Fish	Contact with spill	ECoW supervision	3	5	15	Spill response plan	2	4	8	Manager/ECoW - 48hrs	HSE Advisor –1/wk

Review date	27/06/2025	Signature	[Redacted]
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11. Method Statement and Risk Assessment Briefing

a. Record of Change

Record here any changes that need to be made to this briefing sheet. State which section/s in the box on the right.

If any of the details in this briefing sheet do not match circumstances on site, record the differences and what change/s will need to be made. **Seek authorisation before implementing change/s.**

Section no.	Change Required	Authorisation ref	Authorised by	Signature

b. Briefers declaration:

The briefer confirms they are satisfied with the Method Statement and the information is correct. Suitable risk controls are in place as detailed in the Method Statement. I have confirmed the Supervisor understands the briefing before any work is carried out.

Briefing Given By:

Name	Position	Signature	Date

By signing below, I confirm that I have received and understood the briefing for this task. If the Method Statement briefing does not cover your activity, risks, or the controls are not in place as described in the Method Statement, do not sign this sheet, and report it to the briefer immediately and submit a close call.

Name	Position	Signature	Date

