MS No:	T25019
Issue:	Tender
Date Submitted:	29/05/2025

TENDER METHOD STATEMENT

CONTRACT NO: T25019……

CONTRACT TITLE: Coastal Erosion Repairs
Peterhead Power Station.....

Action	Name	Signature	Date
Prepared by	A Osman		23/05/2025
Approved by	P Stephenson		23/05/2025
Issued to client by	A Osman		29/05/2025

THIS METHOD STATEMENT TO BE READ IN CONJUNCTION WITH SOUTHBAY CIVIL ENGINEERING LTD's HEALTH & SAFETY POLICY, ISO 9001, 14001 AND 45001 ACCREDITATIONS & TENDER PROGRAMME.

DESCRIPTION OF WORKS COVERED BY THIS METHOD STATEMENT

This tender method statement covers the works associated with the upgrade of the approach causeway to the rock armour revetment adjacent o Peterhead Power Station.

The main works involve the;

- Mobilisation and site establishment incl. temporary access road.
- Mobilise work crew to Peterhead Power Station site.
- At site, attend daily progress meeting(s) and safety, environmental and outage specific inductions.
- Excavation to formation level,
- Geotextile layer to place prior to rock armour.
- Place of rock armour to the proposed the gradient /profile.
- Trim Rock armour to the final the gradient /profile.
- Capped top with Sub base to the proposed top level.
- Surplus material arising from the excavations shall be removed.
- Demobilise on completion of works and site clearance

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SUPERVISION OF WORKS COVERED BY THIS METHOD STATEMENT

Name	Position	Company	Telephone No.
Antony Ballantyne	Operations Director	Southbay Civil Engineering Ltd	[Redacted]
Stephen Truscott	Contract Manager	Southbay Civil Engineering Ltd	[Redacted]
TBC	Foreman / Supervisor	Southbay Civil Engineering Ltd	TBC
Dwayne Francis	Health & Safety Manager	Southbay Civil Engineering Ltd	[Redacted]
Connor Kirby	Health & Safety Advisor	Southbay Civil Engineering Ltd	[Redacted]

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1. SCOPE OF WORK

The Scope of Work will include the following:

- Temporary haul road and laydown
- Provision of rock
- Provision of sub base Type 1
- Place rock
- Place sub base Type 1
- Disposal of Surplus material
- Demobilise on completion of works.

2. HAZARDS IDENTIFIED

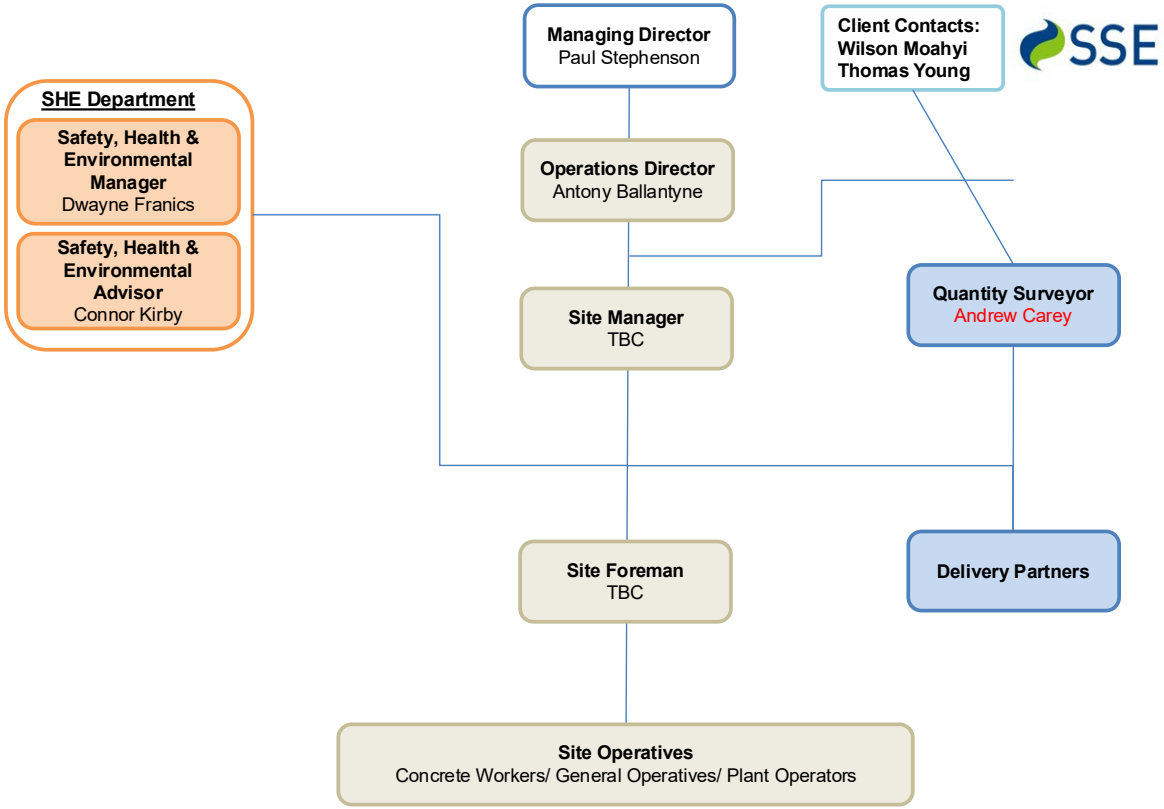
The hazards have been identified by carrying out a job specific risk assessment (see Appendix A). The significant hazards are:

1) Access/egress
2) Working at height
3) Excavations
4) Services (utilities, buried etc.)
5) Lifting operations (cranes, lift trucks, hoists etc.)
~~6) Work on or near asbestos~~
~~7) Work involving lead~~
8) Hazardous substances
~~9) Dangerous substances~~
~~10) Confined spaces~~
11) Work over or near water
12) Manual handling
~~13) Noise~~
~~14) Vibration~~
15) Fire
~~16) Hot work (welding, grinding)~~
~~17) Demolition/dismantling~~
18) ~~Erection~~ work
~~19) Temporary works/unstable structures~~
20) ~~Electrical~~ ~~works~~.
~~21) Mechanical works~~
22) Vehicle/ plant movements
23) Mobile plant
24) Power tools
25) Hand tools
~~26) Compressed air~~
~~27) Lighting (darkness, indoor etc.)~~
28) Security/ vandalism
29) Contaminated water
30) Contaminated land
~~31) Dust (environmental)~~
~~32) Noise/ vibration (environmental)~~
33) Discharge to drain, sewer or watercourse
~~34) Protected species (plants, birds, animals)~~
35) Invasive species (rats, pigeons, weeds)
36) Hypodermic needles
~~37) Overhead services~~
~~38) Diving operations~~
39) Weils disease
40) Other

3. INTERFACE REQUIREMENTS / PERSONEL INVOLVED

Site Organogram

Project Organisation Structure: Coastal Erosion Repairs - 0325 Peterhead



Company	Name	Role	Mobile	Email
Client	Wilson Moahyi	Client Representative / Planning Engineer		[Redacted]
	Doug Kane	Project Manager		
	Project Partner	Thomas Young		
Southbay Civil Engineering Ltd	Stephen Truscott	Contract Manager	[Redacted]	[Redacted]
	Antony Ballantyne	Operations Director	[Redacted]	[Redacted]
	TBC	Foreman		
	Martyn Ruddy	Snr Quantity Surveyor	[Redacted]	[Redacted]
	Adrian Haggart	Technical Manager	[Redacted]	[Redacted]
	Dwayne Francis	Health & Safety Manager	[Redacted]	[Redacted]
	Connor Kirby	Health & Safety Advisor	[Redacted]	[Redacted]
Subc	?			

There will be full liaison between the SCEL Contract Manager and the client at all times.

Access into the works will be by designated site routes only, all drivers & site personnel will be fully briefed on these routes.

The works will be fully fenced off and warning notices will be erected. There will be no public access into the works.

All visitors will be required to report to the site offices and escorted into the works.

Site speed limit within the site is 10mph.

Southbay will communicate with the Client on a weekly basis and confirm the intended arrangements for Health and Safety, programme, and progress.

4. PLANT & EQUIPMENT

The following plant and equipment is anticipated, but not limited to the activity:

- Welfare
- Excavators (20-36t)
- Long reach excavators
- 20-30t dump trucks,
- Delivery Artic Unit & tippers
- Compaction plant
- Fuel bowsers
- Fencing
- Hand tools
- Survey equipment
- PPE
- Generators
- Hi-ab or telehandler
- Cable Avoidance Tool (CAT detector)

This list is not by any means exhaustive and may be added to at any time.

SITE SPECIFIC PLANT SAFETY ZONES AND RULES

In terms of plant people interface, Southbay uses two levels of high-level control measures, namely, Exclusion Zone and Restricted Zone. For clarity, the definitions are:

Exclusion Zone – "No one is allowed at all in the exclusion zone as there is no operational need for them to be there. If the operational situation changes, all plant must stop work and the operative wishing to enter must get full eye contact with the plant operators and get the thumbs up it is okay to enter."

Restricted Zone – "Designated identified operatives are allowed inside the restricted zones, but must stay clear of the operating radius of any plant. If they wish to enter inside the operating radius, they must get full eye contact with the operator and get the thumbs up to enter."

Demarcation of the exclusion and restricted zones can be delivered in several different ways. For example, spray paint, plastic jersey barriers, pedestrian barriers, heras fencing or pins and tape. Pictorial examples of exclusion and restricted zones shown below:

These control measures of exclusion and restricted cover plant people interface during operations such as, excavation (trenches, loading wagons, grading); demolition work; loading dumpers; etc.
NOTE – Lifting operations and general movement of vehicles around site are covered elsewhere in the RAMS (if relevant).

5. METHODOLOGY

General

- The route will be checked in advance of the works and parking restrictions will be put in place and approved by SSE
- Prior to starting work all personnel involved with the works will receive an induction from the client, a method statement briefing and a safety induction from Southbay site management which they will sign to confirm acceptance. Daily and weekly briefings will also be held with all site personnel to inform them of the activities / daily restrictions (if any), weather, tidal activity and Tool Box Talks.
- Fences will be erected to the perimeter of the site to segregate the works and demarcate the Southbay CDM site.
- All plant operators will be CPCS trained and all site operatives will hold a CSCS card.
- All lifting equipment and plant certificates will be maintained in the SCEL head office. Copies will be maintained on site.
- First Aiders will be present on site and identified to all operatives.
- All plant will be refuelled on land away from watercourses. Care to be taken at all times, drip trays to be placed under all static plant. Any spillages cleaned up immediately using spill kits.
- All permits from client to be issued prior to works commencing and then updated as required.
- At all times during the works the site is to be kept tidy and workmanlike.
- Whilst carrying out tasks operatives to be aware at all times of pinch points and nips to fingers and keep hands clear of drill bits and other rotary tools
- Access to SCEL worksite will be by the approved access route through the client's site.
- Traffic management / laydown area to be agreed prior to commencement on site.
- Southbay will ensure that neither persons nor vehicles will disturb or restrict areas within the site. Access to the mooring bollard to the rear of the works and the lighting towers on site will be main available to the client throughout the works.

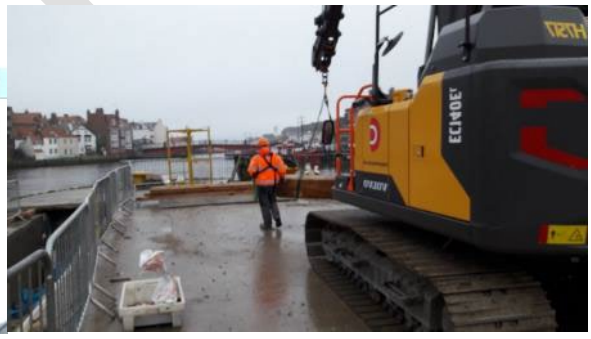
PPE

- At all times operatives will wear a safety helmet, safety boots, hi-visibility clothing, light eye protection and gloves. While working directly over water or within 2m of an open edge operatives will wear a life jacket and life belts will be maintained at strategic points around the site.. The crane / excavator drivers should also sound the alarm if they are the first to see the incident.
- Where working near a 'leading edge' and a safety barrier is not achievable a running line will be used and all operatives will wear a safety harness / restraint lanyard and clip on the running line. Operatives wearing harnesses will be trained on using and inspecting harnesses. All harnesses and lanyards will be inspected prior to use and recorded weekly, they will also have a current 6 monthly certificate of thorough examination.
- Further PPE will be worn as indicated on any COSHH material and/or stated in the works risk assessment.

Lifting Operations

Lifting will be carried out by the Hiab delivery wagons, crane or the onsite telehandler. All lifting will be planned by an appointed person on a lift plan. All lifts will be supervised by a CPCS lift supervisor and all banksman / slingers will hold a current CPCS card. Crane drivers will be CPCS qualified and CITB registered drivers and copies of their cards maintained in the site office.

Slinger-Signaller and Lift Supervisors will easily be identified on site by use of an orange hard hat, only CPCS qualified individuals within these two roles will be permitted to wear this colour hardhat for easy identification to crane and plant operators.



Lifting accessories will be inspected every time before use by the slinger / banksman and recorded formally at least weekly and a LOLER register will be maintained in the site office. Southbay use a visual management system to identify lifting accessories that have been inspected and certified within that 6-month period. Lifting equipment (cranes and plant) will undergo pre-use daily checks by the operators, any faults to lifting equipment will be reported immediately to site staff for repair or replacement with new equipment, faulty equipment will be taken out of service and quarantined immediately until repaired or destroyed.

All plant that is used for lifting activities will undergo an annual thorough examination by a competent third-party organisation as per LOLER 98 (6 monthly for man riding duties), supplementary checks of electrical and electro-mechanical systems will also be periodically undertaken. Copies of service and inspection certificates shall be kept on site in hard copy and in electronic format at our offices.

All site personnel will only perform lifts which are detailed on the lift plan, any alterations or lifts which are not stipulated on the lift plan will be brought to the attention of the Appointed Person and then the lift plan revised to incorporate such lifts.

Hot works

Prior to any hot works taking place a hot works permit will be issued by a competent member of staff, all combustible materials within the area will be removed, covered or made safe, fire extinguishers / fire hose will be available next to the operation. Upon completion of the works a 60min fire watch will be observed to check for sources of ignition. Once complete the permit will be signed off.

Temporary works

During phasing of works, temporary works will be required. Southbay will employ an independent temporary works designer, Noble Works Ltd to carry out sufficient detailed designs including calculations. Any temporary works carried out during the contract will be under the control of the Temporary Works Co-ordinator. The TWC will be responsible for the following:

- co-ordinate all parties involved in the design and construction of temporary works
- produce and regularly update a schedule of TW
- in conjunction with the TWD, ensure clear areas of responsibility for designs / suppliers
- assess temporary works concept schemes
- check that TW designs meet site requirements
- make relevant TWD available to the designer of the permanent works
- inform the TWD of changes to site requirements
- check that materials and equipment are adequate, especially when previously used
- ensure construction personnel are aware of methods, sequences, risks and limitations
- check construction frequently and be alert to any errors
- ensure that any necessary alterations to temporary works are approved by the TWD
- ensure control of drawings and other documents

During the erection / dismantling of any temporary works there may be call for Hold Points to be identified. Any hold points will be detailed on the TWD, once the works reach a Hold Point, the works shall cease until they have been checked and approved by the TWC. Once approved the TWC will sign off the works so they may proceed. Prior to allowing any temporary works to be commissioned, the TWC will inspect and check the temporary works are as per the design, if correct they will complete and sign the checklist for the temporary works off.

Site Set up and Communication with Workforce

Initially prior to starting work, the Contract Manager will enforce all Southbay procedures and policies and will brief all site personnel with relevant Induction, Method Statement, Risk Assessment and tool box talks. All competency cards will be checked and filed in the site welfare/office. Personnel are encouraged that if ANY change in methodology or any unforeseen risks are applicable then they MUST report this to the site management and amendments made to various documents including:

- Construction Phase HSEQ Plan
- Construction Environmental Management Plan (CEMP)
- Traffic Management Plan
- Method Statements
- Risk Assessments
- Tool Box Talks
- Lift Plan(s)

Details of access/egress and site rules will be in the site induction and also broadcast on the site HSEQ notice board.

If any works require permits, then the site management within Southbay will ensure that these are issued and returned as necessary.

At the start of each shift the Contract Manager / Agent will communicate with all personnel and hold a daily briefing, the briefing will involve the below and the workforce/personnel will sign the briefing sheet for their attendance:

- Weather
- Tidal Movements (Low & high tide times)
- Daily activities planned (Programme)
- Individual responsibilities
- First Aid personnel and equipment
- Emergency Procedure(s)
- Specific hazards identified in that day or previous days' tasks.

It will be mandatory that during the works the minimum PPE will be as follows:

- Hard Hat
- Safety Boots
- For Hot works - Orange Coveralls – Hi Viz
- Orange Coat - Hi Viz
- Gloves
- Light eye protection (TBC by Site Management upon working conditions)
- Lifejackets – the task specific RAMS will define the where these need to be worn.

Also, when carrying out task specific operations such as cutting, breaking etc. The following PPE shall be used:

- Ear protection
- Impact goggles
- Any further specific requirements as noted on the Risk Assessment

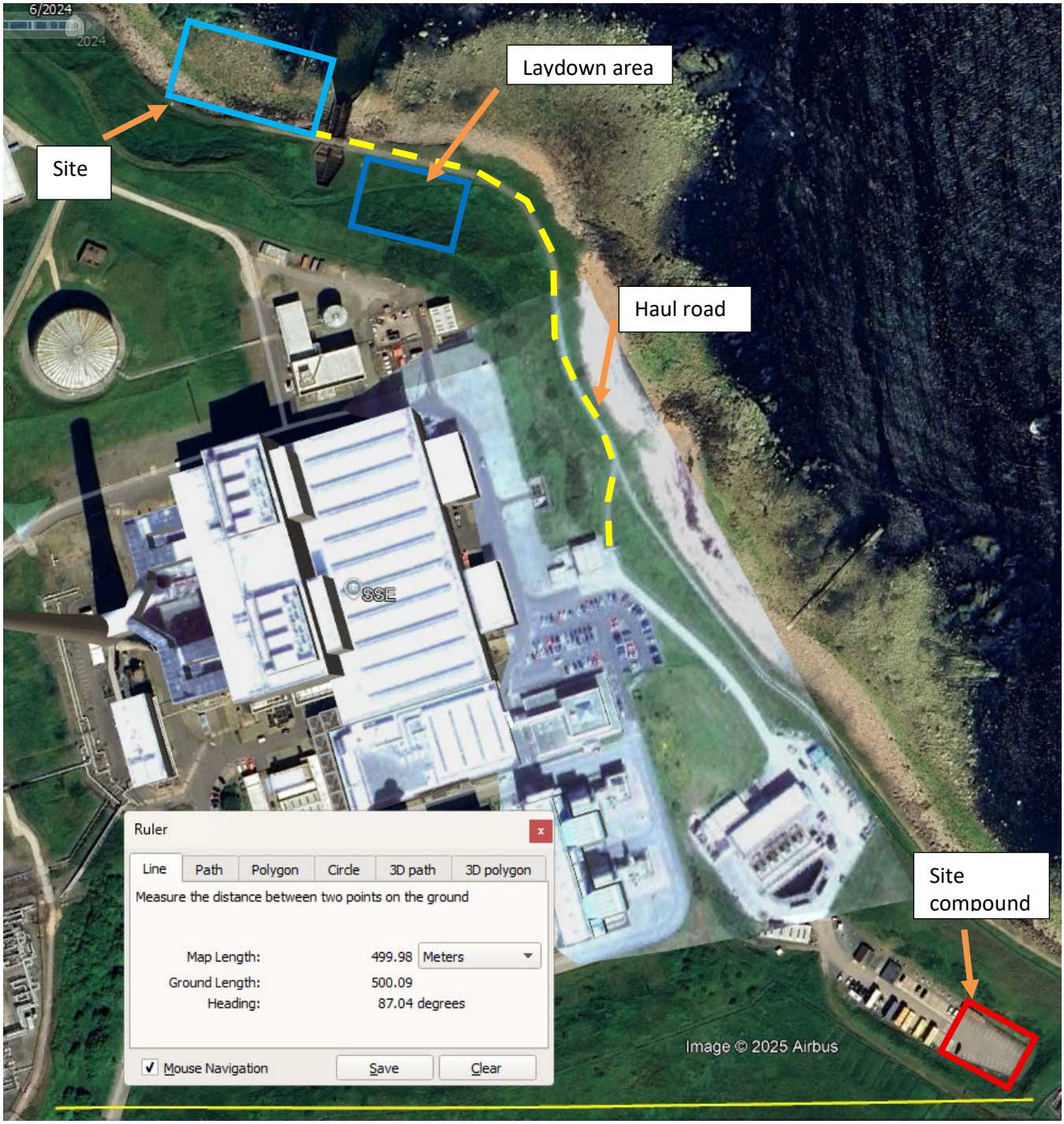
Main Construction Works

This tender RAMS gives an outline to the methodology to be used in construction of the works, this is to be read in conjunction with the tender programme for phasing of the works. If awarded the contract this RAMS will be updated accordingly and supplementary task briefings will be written and briefed for all elements of works.

Throughout the works the SCEL Site Manager will liaise with the SSE Operational Representative. We will submit a fortnightly looked programme every week to the Client and organise with them a weekly meeting to discuss the planned operations and deliveries.

Site Set Up

The site compound will be created within the contractor area as shown on the drawing below, this will include welfare, offices, storage, and car parking.



Throughout the works the existing footpath will be closed. No members of the public will be allowed through the site.

We have allowed to strengthen the existing footpath from the gate at the eastern side of the power station site. The path will then be used as a haul road for removal of existing material and import of new stone. Additionally, we need to construct a hardstanding are on which to temporarily store materials. We have allowed to place approximately 250mm of stone of the paths and hardstanding. The stone will be place by exactors and suitably compacted. On completion of the works the stone will be removed and the area made good.

Prior to commencement we will carry out a photographic condition survey of the site including the access and hardstanding areas.

Operatives will escort the delivery vehicles via the designated access route to the site compound. The delivery vehicles will be positioned along the intended fence line and commence offload procedure, by means of Hi-ab or telehandler. Exclusion zone will be set-up using crowd barriers or red & white bunting prior to commencing offloading. This zone will be controlled by operatives.

Any deliveries to site such as welfare cabins, stores etc will be unloaded using Hiab wagons or low loader & cranes. All documentation (driver RAMS, lifting certification etc) will be will be checked by the Southbay supervisor prior to unloading. Once all documentation is in order the hiab will be set up in the required location for unloading in accordance with manufacturer guidelines.

- Operative to sling load from floor level sliding sling through the underside of load with a timber and lowering lifting equipment to attach ends.
- If loads are positioned such that access cannot be achieved from floor level: operatives will utilise an inertia reel attached to the lifting plant hook or shackle and onto the operative by means of full body harness and short fixed length lanyard. Once attached the operative will access the trailer by means of industrial class ladder and sling the load.
- The lifting plant and slings will have in date certificates of thorough examination. The plant operator will hold a recognised card. Harness and inertia reel will have in date certificates of thorough examination and will be inspected before use. Ladder must be of industrial class, inspected periodically, inspected visually before first use, and footed by the banksman.
- Fencing materials to be offloaded one pack at a time at intervals along the intended fence line to minimise manual handling for erection operatives.
- The area where the cabins are to be placed will be cleared of all materials and plant.
- Upon delivery the cabin certification will be checked to ensure they are suitably maintained.

Heras Fencing Erection Procedure

- Operatives to layout 2No. heras fence blocks 3.4m apart.
- Fence panel to be lifted from the stockpile by two operatives and insert panel into blocks.
- Triangles of heras panels will be erected along the line of the fence to provide stability and prevent it from blowing over in the wind.
- Two number clips to be installed between panels at approximately one third intervals.
- Sequence to be repeated in all areas along the designated heras fence lines.
- Appropriate signage will be erected along the perimeter of the fencing to suit the site risks.

General Maintenance

- Operatives to move panels into position by mechanical means or by two men if short distance
- Components to be replaced / moved / replaced by dismantling the installation into singular components so they can be lifted safely and re-assembled. However, check to ensure the other end is secure first so that the remaining fence line or panel being removed is not able to fall. Second operative to be used to hold the panel if assistance is required.
- Do not drag or pull fence lines.

General Deliveries

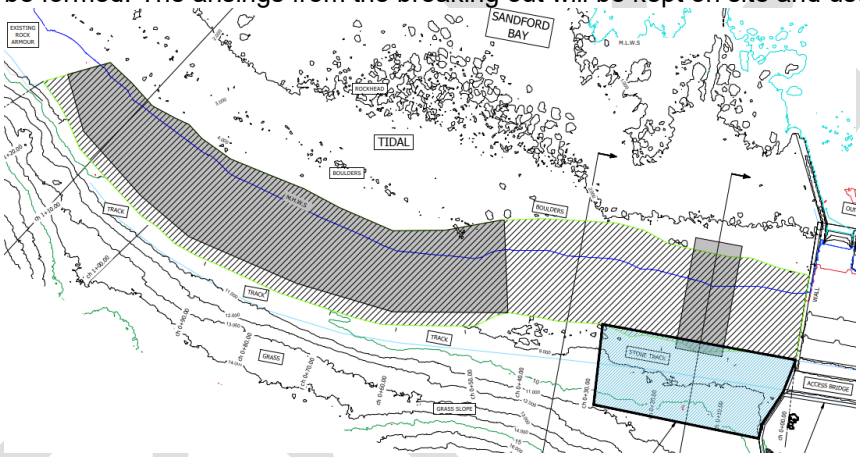
- Delivery drivers will wait at the site entrance and contact the site manager by telephone to gain access to the site.
- Where possible drivers will stay within their vehicle for loading and offloading.
- Where this is not achievable drivers will be required to wash and/or sanitise their hands before touching any of the materials.
- Items will be ordered in advance of being need to allow an airing off period where possible. If this is not achievable then items will be disinfected.

Import and placement of rock core and rock armour

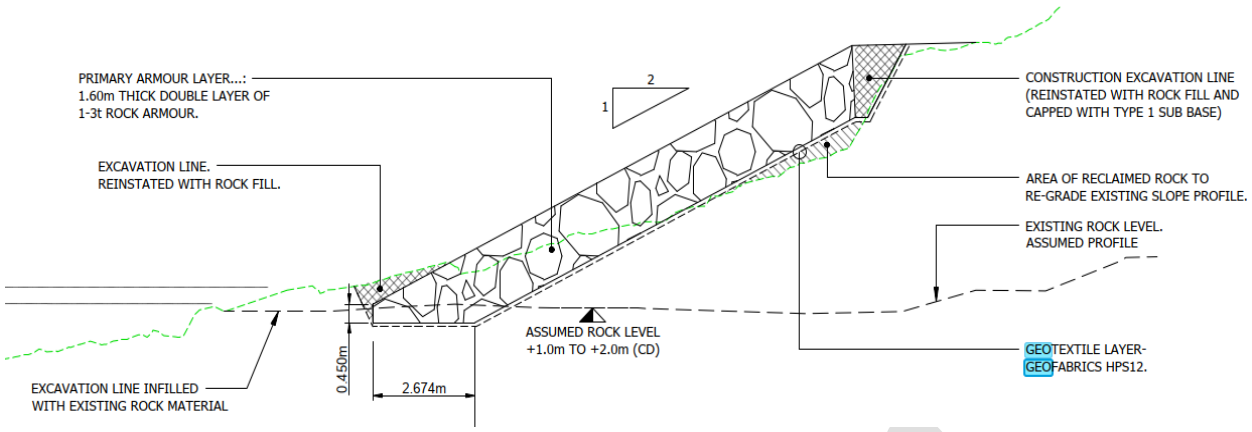
- We assume the existing bridge at the outfall structure is capable of supporting our plant and

delivery vehicles.

- Prior to any breaking of the ground or lading with heavy plant, a 'Permit to Dig' will be issued by the SCEL Site Manager to the operatives involved in the works. SCEL will require copies of service information from the Client and will also carry out a 'CAT' Survey of the site and visual inspection for any potential services.
- Prior to the commencement of works on site, testing of rock armour for the rock production to meet specification
- Prior to the commencement of works on site, rock core fill and rock armour will be processed at the quarry and delivered.
- Rock will be delivered from the quarry to site throughout the works. A stockpile will be maintained on site and the material will then be re-loaded as required into 20t dump trucks to transport into the works for placing using large excavators. Excavators will have grab attachments to ensure safe and accurate handling of the rock.
- The works are tidal and the working day will occasionally vary (early starts or late finishes) to ensure we catch low tide.
- Excavator will excavate and prepare the formation in sections so as not leave the bankside open and exposed to the tide/wash out from wave action.
- The toe of the new revetment will be formed by breaking into the existing rock formation on the beach. Using a 20t excavator c/w breaker attachment the 450mm deep x 2700mm wide trench will be formed. The arisings from the breaking out will be kept on site and used in the sections of fill.



- Reclaimed area as shown in section 1 will be filled from selected excavated materials, see section below.
- The formation slope level will be checked by the site engineer by carrying out measurements using a Survey equipment to conduct a survey.
- When at the correct level and profile, geotextile will be placed over the top of to prevent washout, the geotextile will be lapped and anchored in accordance with the manufacturer's instructions.
- The dump truck will reverse to the water's edge and then discharge the material onto the ground. Excavators will then position the fill material to the required location.
- During the installation the gradient / profile of the material will be checked by the site engineer by checking the profile by carrying out measurements using a Survey equipment to conduct a survey



- As the armour layer fill progresses double layers of rock armour (1-3t) will be brought from and placed on top of the formation level by the excavators to achieve total thickness 1600mm. This will extend from the toe of the fill to be above the highest astronomical tide this will protect the core fill from erosion. During the installation the gradient / profile of the material will be checked by the site engineer by checking the profile by carrying out measurements to conduct a survey.

- Construction excavation line (at the top of profile) will be reinstated with rock Type 1 sub-base material will then be placed and capped to suit the final level, and will then be compacted in accordance with the specification.

Demobilise site

Following the signing off and completion of the works all plant, materials and welfare accommodation will be removed from the compound, this will then be handed back to the client.

6. BRIEFING ARRANGEMENTS

All personnel will receive the method statement briefing by the Southbay Contract Manager / Agent and will sign the briefing sheet to confirm their understanding. As mentioned previously if ANY alterations deviate from the methodology or ANY further risks are identified the site team will be re-briefed and mitigation proposals enforced prior to continuing with the work. Daily briefings and permit briefings will be carried out daily prior to works commencing.

7. QUALITY CONTROL ARRANGEMENTS

All quality procedures will be in line with SCEL ISO 9001:2015 accreditation. Prior to the works commencing on site a site-specific Inspection Test Plan (ITP) will be produced and used throughout the contract.

8. ENVIRONMENTAL PROTECTION ARRANGEMENTS

All environmental procedures will be in line with SCEL ISO 14001:2015 accreditation.

A Construction Environmental Management Plan (CEMP) will be used throughout the contract.

Southbay have two Standard Industrial Classification (SIC) codes for the works we carry out:

42910 - Construction of water projects

~~**42990 - Construction of other civil engineering projects not elsewhere classified**~~

Depending on the scope of the project one of these codes will be referenced on any waste transfer notes.

Spill kits will be available on site and operatives are briefed on the Pollution Incident Response Plan (PIRP).

All plant will be modern, well maintained, and free from leaks. Plant will be inspected prior to use for defects or leaks and a daily check completed. If a leak occurs the item of plant will be taken back to the compound and stood down until it is repaired, a spill kit / drip tray will be used to contain any leak. Bio degradable oil will be used on plant where available. Drip trays will be placed under static items of plant and a spill kit of suitable capacity will be available on site, additional spill kits will be available in the stores. Fuel bowsers will be double bunded with 110% capacity. All personnel will be briefed on the spill procedure prior to commencing works. All waste will be placed in to skips and be disposed of by a licenced waste carrier. Copies of the waste transfer notes will be maintained on site.

All plant to be removed from the tidal zone at the end of the working window.

9. REVIEW OF METHOD STATEMENT

This method statement is an outline tender method statement to cover the works, more detailed task specific method statements will be produced prior the works commencing. The method statements will be reviewed and re-briefed by the site manager on a weekly basis.

10. DISCIPLINE

The site management (Contract Manager and Foreman) will monitor compliance with the method statement. Failure to comply with the safe systems of work identified in the method statement and risk assessment will result in disciplinary action in accordance with SCEL procedures.

Appendix A

MS No:	T22120
Issue:	Tender
Date Submitted:	

Risk Assessment

Peterhead Risk Assessment.xlsx