

**SOLAR PARK, BARRY
CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN**

**POLLUTION PREVENTION MEASURES FOR THE
CONSTRUCTION PHASE
BEST PRACTICE**

FEBRUARY 2015

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SOLAR PARK, BARRY

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

POLLUTION PREVENTION MEASURES FOR THE CONSTRUCTION PHASE BEST PRACTICE

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1.0 INTRODUCTION

Associated British Ports (ABP) intends to construct a photovoltaic array of up to 10MW at their site in Barry Dock under planning permission No. 2014/01089/FUL.

The Planning Permission contains conditions that are to be satisfied prior to commencement of the works.

Condition 15 of the Planning Permission states: -

“No Development shall take place until there has been submitted to, approved in writing by the Local Planning Authority a Construction Environmental Management Plan (CEMP). The CEMP shall include details of how noise, lighting, dust and other airborne pollutants, vibration, smoke, and odour from construction work will be controlled and mitigated. The CEMP will utilise the Considerate Constructors Scheme (www.considerateconstructorscheme.org.uk). The CEMP will include a system for the management of complaints from local residents which will incorporate a reporting system. The construction of the Development shall be completed in accordance with the approved Plan unless otherwise agreed in writing with the Local Planning Authority.”

This document is provided to discharge condition 15 of Planning Permission 294/01089/FUL and may be used to produce method statements following award of the contracts and prior to commencement of the works.

1.1 Site Description

The site is located within the boundary of the existing ABP Barry Dock estate which is secured from public access.

The site is located approximately 2 km west of Sully and 2 km east of Barry and the western third of the site was occupied by an inert aggregate recycling facility that was active for around 17 years. The facility accepted aggregates and inert soils and recovered the aggregates for re sale. The residual materials are deposited on the site to a thickness of around 6m. The grid reference for the approximate centre of the site is ST 12886, 67161.

The central section of the site has been disused for many years and has become overgrown with scrub vegetation.

The eastern third of the site was occupied by a former coal stacking/processing facility.

The southern boundary of the site is formed by the coast and the River Cadoxton, to the south west the site is bounded by a section of Barry Dock and the working port facility forms the northern site boundary.

Drawing 234-02-10.d01 included in Appendix A shows the site location and the Planning Line Boundary.

1.2 Proposed Works Description

Site works will comprise two main operations: -

- Earthworks to create the development platform;
- Photovoltaic array construction.

Within the earthworks contract, a gently sloping development platform is to be created sloping downwards from west to east.

In order to achieve this, inert soils from the western end of the site will be moved down towards the center of the site. Some filling is also required over the former coal yard in order to raise the development level above the minimum anticipated flood level of 8.1m AOD. This is discussed in greater detail in the Flood Consequence Assessment prepared by PFA Ltd, which was submitted in support of the planning application.

The initial soil movement contract is scheduled to last around 10 weeks.

In addition habitat creation works, including creation of bunds and habitat links will take approximately 3 weeks.

The soil moving contract will utilise normal earthworks equipment such as dozers, excavators and dumpers.

The photovoltaic array will be constructed on top of the new landform and will take approximately 12 weeks to complete.

The construction of the photovoltaic array will utilise normal construction equipment such as excavators, dumpers, tractors, trailers and 4WD vehicles.

2.0 CONSIDERATE CONSTRUCTORS SCHEME

It is intended that the project will be registered under the Considerate Constructors Scheme (The Scheme).

The Scheme is designed to encourage constructors to seek improvement in the image of construction by striving to promote and achieve best practice.

In order to comply with The Scheme, constructors must: -

- care about the appearance of the site;
- secure everyone's safety;
- respect the community;
- value their workforce.

The key questions to be addressed to comply with The Scheme are contained within the proposed Site Registration Monitors Checklist for the project, which is reproduced in Appendix B.

Anticipated responses to the key questions on the Monitors Checklist are highlighted in blue on the Checklist in Appendix B.

3.0 ENVIRONMENTAL MANAGEMENT

The methods and protocols that will be adopted to ensure good environmental management are outlined in Section 3 below.

3.1 Security

The site lies entirely within the ABP working Port area and consequently is subject to enclosed fencing and 24 hour security.

Access to the site is via a manned gatehouse and consequently the site is well secured.

Prior to erection of the photo voltaic array, a new security fence with CCTV cameras will be installed in accordance with the details submitted to and agreed with the Local Authority.

3.2 Deliveries

All deliveries to the site will be made via the main port access gatehouse in the first instance, then via the Site Office and reception. A laydown area on hardstanding has been allocated for deliveries where required.

The access infrastructure is considered to be sufficient in size to easily accommodate the deliveries that are anticipated.

A Transport Statement was prepared by PFA Ltd to support the planning application. The recommendations of this report will be implemented where possible.

3.3 Noise and Vibration

A significant buffer zone, including port activities and a working dock, exist between the proposed works and the nearest sensitive domestic receptors.

Normal construction equipment will be used during the works and it is not anticipated that significant noise or vibration will be generated beyond the port boundary.

Although the site is located within a working port, which operates on a 24 hr/day basis, construction activities will be confined to normal day working hours. (7am to 7pm).

Some of the earthmoving equipment will have reversing alert horns to enhance safety. Consequently as a precautionary measure, prior to any periods of particularly noisy work identified in the earthworks programme, noise measurements will be taken at potential sensitive domestic housing receptors, to assess whether the increase in noise from construction activity is likely to cause complaints. The likelihood of complaints will be assumed if the increase in noise, attributable to the works, exceeds 10 DB above background levels.

The results of the survey will be provided to the local authority where required.

If complaints are received and monitoring shows levels are >10 db above background at the sensitive receptor due to the works, then the following mitigation will be initiated: -

- Erection of screening attenuation barriers for the duration of site works, or at periods of particularly noisy work;
- Providing a schedule of works to each of the nearby sensitive receptors to inform them of the planned work schedule and highlight days where the noise level is likely to be elevated beyond that of normal construction noise;
- Selection of construction techniques to complete the job to the required specification with the minimum of disturbance to nearby sensitive receptors, whether this be through utilisation of quieter machinery and/or implementation of suitable mitigation measure.

3.4 Lighting

The permanent works will not have additional lighting.

During the works the earthmoving equipment will have normal construction lighting to enhance safety.

Due to the distance between the project and the nearest sensitive domestic receptor it is not anticipated that lighting from the construction activity will have a negative impact on the surrounding environment and consequently no mitigation will be required.

3.5 Dust and Airborne Pollutants

Dust can be picked up by the wind from the ground, the surface of roads or stockpiles. The solid matter that could emanate from this facility will be inert and non-toxic.

The main potential effects of dust are: -

- Visual; dust plumes, reduced visibility, coating and soiling of surfaces (including drying clothes) leading to nuisance, loss of amenity, the need to clean surfaces;
- Coating of vegetation leading to changes in growth rates of vegetation and possibly reduced value of agricultural products;
- Inhalation of respirable airborne dust by local residents.

The potential sources of dust generation on site include: -

- Site Preparatory works;
- Excavation;
- Handling of Material;
- Tipping of Material;
- Stockpiles;
- On site vehicle movements.

The key methods that will be adopted to prevent dust generation are detailed below: -

- Application of dust suppressant will be done daily whenever fugitive dust is observed to control emissions;
- Speed limit of 10 mph shall be implemented within the site and on all haul roads. Speed limit should be sign posted on all haul roads;
- Any existing vegetation and bund screening around the site will be maintained where possible to reduce wind speeds;
- The drop distance when tipping will be reduced to the minimum the equipment can safely achieve;
- Stockpiling will be performed to minimize drop distance and control potential dust release;
- Stockpiles will be observed daily and watered whenever a fugitive dust release is observed;
- An approved encrusting agent/binder will be applied to any piles intended for long term storage;
- All staff members will notify the site manager of any excessive fugitive emissions observed;
- Minimise the creation of dust by creating stockpiles and mounds with gentle slopes and avoiding sharp changes of shape;
- Soil removal will be restricted to low risk meteorological periods;
- Fill materials will be stored in mounds to a maximum height of 5m and managed until placed in their final location;
- An adequate water supply for dust suppression will be maintained at the site at all times;
- A tractor and water bowser will be deployed, as and when necessary, to control dust arising from site activities and on site traffic movements;
- Inherent moisture within the soils will be maintained to reduce the amount of dust raised during the works. However, when necessary, particularly dry soils and particulate matter will be sprayed with water prior to movement.

3.6 Smoke and Odour

It is not anticipated that the development will cause any smoke or odour and consequently no mitigation measures are envisaged.

3.7 Mud

Mud can be deposited on highways from lorries, construction machinery and agricultural machinery accessing or working on the site.

The principal mechanism of potential mud deposition on the public highway would be from lorries delivering materials to the site.

Where possible, road traffic vehicles will not be allowed to cross the site to make deliveries. A laydown area been designated on hardstanding close to the site for this purpose.

Suitable mitigation measures will be in place to minimise the risk of transfer of mud onto the road.

The following measures outline the minimum measures that will be adopted during the earthworks: -

- Suitable equipment and trained personnel to remove mud will be present at all times on site during working hours;
- Any roadways within site will be cleaned as necessary during the working day and always at the end of the working day to remove any mud deposited;
- While on site, road vehicles will be kept on hard-standing and surfaced roads as far as practicable to prevent vehicles picking up mud;
- Vehicles will be checked for mud upon arrival at site and before departure. Mud will be cleaned from vehicles, as far as practicable, before they are taken onto the road.

3.8 Surface Water Runoff

Construction activities could cause pollution of adjacent watercourses and underlying groundwater.

A *Surface Water Management Plan* will be adopted where required during the works to minimise the risks associated with this. The main aim of the Surface Water Management Plan will be to reduce the concentrations of suspended solids to an acceptable level prior to discharge.

The site currently drains by a combination of surface runoff to the sea and vegetated drainage ditches and swales.

Mitigation measures that will be adopted on site to preclude pollution by surface water runoff will include:-

- Conducting maintenance of vehicles and plant on hardstanding or off site;
- Storing of oil and fuel within suitably bunded tanks on hardstanding areas;
- Not discharging wash waters from mobile pressure washers to surface water drains;
- Not using detergents, including bio-degradable, as these are not suitable for discharge to surface drains;
- Retaining existing drainage ditches/swales where possible;

The spillage of polluting fluids can cause environmental damage and any person discovering a major spill will take the following immediate action: -

- Stop the flow if possible;
- Take measures to protect life, provide first aid, remove casualties from danger;
- Prevent the spillage from entering drains and try to protect the surrounding ground;
- Organise despatch of the necessary spill kits to site as soon as possible;
- If there are any concerns about the health and safety implications of the spill, consult the appropriate Material Safety Data Sheets;

- Report the incident to the Environmental Manager who will notify the appropriate Authority if required.

3.9 Welfare

Prior to commencement of the project welfare units will be established on the site at a location agreed with ABP.

The self-contained units will provide areas for changing facilities, an office and washroom / toilet facilities.

The size of the welfare units will be suitable for the number of staff employed on site at any one time.

The soil to be moved during the contract is inert and free of contamination and consequently normal Personal Protective Equipment (PPE) will be provided and used by all employees.

All staff will ensure that their PPE is in good condition and suitable for use.

The level of PPE for each task will be stipulated within the specific Risk Assessment and Method Statement (RAMS) for each task. The RAMS for each task will be formally approved in writing by the site manager prior to commencement of the task.

The site manager will provide Tool Box Talks for all staff prior to commencement of each new task. The Tool Box Talk will identify: -

- the task to be undertaken;
- the PPE requirements;
- the equipment and its safe use;
- training requirements;
- specific environmental considerations;
- emergency procedures.

A first aid trained member of staff will be on site at all times and suitable first aid kits will be provided on the site.

3.10 Waste

Contractors will arrange for the removal of their waste by a registered waste carrier or to a licensed landfill site in accordance with legislation.

Particular care will be taken with special wastes such as oils which must be stored separately and disposed of by registered waste carriers using the required consignment note system. All wastes must be stored in designated areas that are isolated from surface drains and placed so that accidental spillages will not occur. Precautions should be taken to ensure that the waste is inaccessible to unauthorised individuals.

Domestic waste from the welfare facility will be disposed of via the normal waste collection system that has already been put in place for the site by ABP.

3.11 Environmental awareness

3.11.1 Ecology

Prior to submission of the planning application, comprehensive ecological surveys were undertaken which led to the development of mitigation works that would enable the contract. Surveys undertaken include: -

- Desk Study and Extended Phase 1 Habitat Survey – Thomson Ecology Ltd;
- Terrestrial Invertebrate Survey – Thomson Ecology Ltd;
- Reptile Survey – Thomson Ecology Ltd;
- Priority Habitat Assessment and Scarce Plant Survey – Thomson Ecology Ltd;
- Stage 1 Bat Survey – Thomson Ecology Ltd;
- Bat Roost Survey – ENIMS Ltd.

Reptile clearance was required in one section of the site and this has been completed in consultation with the county ecologist. The reptile translocation area agreed with the County Ecologist is shown in drawing 234-02-10.d02 included in Appendix A.

One area of the site is to be retained as mitigation due to the presence of a Lauxaniid Fly identified during one of the surveys undertaken. The area to be retained is shown in drawing 234-02-10.d03 included in Appendix A.

An ecological mitigation strategy has been developed for the site and this is provided under separate cover.

3.11.2 Contamination

The site has a history of industrial and potentially contaminative uses. A detailed desk study and a sampling exercise was undertaken to enable a risk assessment to be undertaken with respect to the surrounding environment and the proposed end use. This document was provided with the planning application.

The soils to be moved have already been imported to the site and are inert and consequently it is not envisaged that any special precautions will be required with respect to contamination.

Additional trial pits have been completed as outlined in Planning Condition 12.

The trial pit locations have been agreed with the Local Authority.

Chemical analysis of samples obtained has been undertaken.

APPENDIX A

Drawings



Notes:

A1

— Red line Boundary

Job: 234-02-10

Title: Red Line Boundary

Date: January 2015
Scale: NTS
Drawn by: DS
Checked by: AP


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Drawing No: 234-02-10.001

Revision No: Date:



- Primary Translocation Site
- Secondary Translocation Site to be used until Herpette Fence is erected at Primary Translocation Site

Job: 234-02-10

Title: Translocation Sites

Date: September 2014
 Scale: NTS
 Drawn by: DS
 Checked by: SW



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Drawing No: 234-02-10.002
 Revision No: Date:

 Proposed Retained
 Habitat Area
 Approximately
 10m wide x 150m long



Job: 234-02-10

Title: Area of Retained Habitat

Date: October 2014
 Scale: NTS
 Drawn by: DS
 Checked by: AP



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Drawing No: 234-02-10.003

Revision No: Date:

APPENDIX B

Considerate Constructors Checklist

Considerate Constructors Scheme

Site Registration Monitors' Checklist

This Checklist should be used as a basis for discussions that complement direct observations by the Monitor.

Questions marked in **bold** directly reflect the Scheme's Code of Considerate Practice and must have been satisfactorily addressed to achieve a 'compliant' score.

The Checklist contains a number of prompts that highlight specific areas the Monitor may take into consideration when reviewing that question. The prompts shown are not exhaustive and inevitably other items will need to be considered. Monitors will only look at the activities of the site during the construction phase.

Monitors will use their discretion when assessing whether questions or prompts are relevant. Where they are not, they will not be considered when assessing performance or awarding a score. Monitors will decide whether a question has been adequately addressed taking into account the size, type and location of the site. Credit will not be given for activities that are planned but have yet to be carried out.

Site ID number		Visit No.		Date	
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Brief description of the work, site location and context, anything 'sensitive', type of contract and other relevant matters

1. Care about Appearance <i>Constructors should ensure sites appear professional and well managed</i>	
1.1 Does the external appearance of the site present a positive image of the industry?	<i>First impressions, signage, fencing, entrance, obstructions, mud, debris, litter</i> The signage will promote the company and the project.
1.2 Does the site appear well organised, clean and tidy?	<i>Tidiness, organisation</i> Overall site appearance and cleanliness to be adopted by workforce and management team.
1.3 Does the appearance of all facilities, stored materials, vehicles and plant make a positive impression?	<i>Screening of facilities, remote compounds, organisation, layout and tidiness</i> On site parking will be available for vehicles. All plant and machinery will be parked in designated area, with all stored materials contained within compound area.
1.4 Does the appearance of the workforce project a positive impression?	<i>Dress code on and offsite, smoking</i> All workforce will adopt a positive attitude to dress code i.e. correct PPE, smoking in designated areas.
1.5 What actions are taken to keep the perimeter and surrounding areas clean, tidy and free of litter, mud and dust?	<i>Inspection, public rubbish, access roads, dust prevention</i> Daily inspection by management team. Road cleaning when required.
1.6 What arrangements are in place to ensure that the public and visitors see a site that is organised, clean and tidy?	<i>Site waste, viewing points, graffiti, vandalism, waste bins</i> The welfare facilities will be sited near to the access road. This will be kept in a tidy condition and will display the Considerate Construction Banner.
1.7 How are site facilities, compounds, waste and storage areas cleaned, managed and maintained?	<i>Supervision, procedures, checklist</i> The facility will be cleaned daily by an in-house team. Waste will be removed on a daily basis.
1.8 How does the site encourage the workforce to contribute to cleanliness and good housekeeping?	<i>Workforce awareness, involvement</i> The workforce will be made aware of the need for good housekeeping via tool box talks.
1.9 How is smoking managed to avoid a negative impact on the public?	<i>Guidance, discreet areas, ashtrays</i> Smoking will only be allowed in designated areas.

1.10 How are company values and corporate identity promoted?	<i>Communication, guidance, branding, signage, websites, corporate badging</i> The signage will promote the company and the project.
2. Respect the Community <i>Constructors should give utmost consideration to their impact on neighbours and the public</i>	
2.1 Are all those affected by the work identified, notified and kept informed and shown courtesy and respect?	<i>Pre-start information, updates, company contact information, complaints procedures, sensitivity to neighbours, special needs</i> Where necessary all affected by the work will be kept informed.
2.2 Are all reasonable efforts being made to minimise the impact of deliveries, parking and work on the public highway and footpaths?	<i>Routes, timings, unloading, public diversions, utility works</i> On site parking will be available for workforce. All deliveries to be received on site. Road cleaning will be carried out as necessary. There is no public right of way within the site boundary.
2.3 Is the site contributing to and supporting the local community and businesses?	<i>Community liaison, local shops, trade contractors</i> Workforce can utilise local shops and convenient stores as and when necessary.
2.4 Is the site actively working to create a positive impression by promoting the site's registration with the Scheme and displaying Scheme banners and posters?	<i>Workforce and public, inductions, toolbox talks, newsletters</i> The signage will promote the company and the project.
2.5 How does the site ensure that all those affected, including visitors, are treated with consideration, courtesy and respect?	<i>Local and special needs, operative conduct and behaviour, induction and training</i> All visitors will be met by the site agent who will provide the necessary induction.
2.6 How is nuisance and intrusion minimised?	<i>Noise, privacy, outlook, radios, phones, cameras, parking and obstruction</i> See specific sections in CEMP.
2.7 How are compliments, comments and complaints sought, recorded and managed?	<i>24/7 contact information/arrangements, feedback questionnaire, public surveys, regular reviews</i> A 24 hours contact number will be provided on site signage and to security staff.
2.8 What is being done to support and contribute to the local community including promoting local employment?	<i>Corporate Social Responsibility action plan, creating opportunities, schools, businesses, residents</i> Where possible, staff will be recruited locally. The project will be promoted to local schools who will be invited to visit the project upon completion.
2.9 How do company directors, senior managers, clients and consultants assist the site in meeting the requirements of the Code?	<i>Scheme champions, CCS briefing and action plan, meeting agendas, management review</i> The director responsible for the project will visit the site at least weekly. The project will be listed on the management review meeting agenda.
2.10 What is being done to leave a positive and lasting impression of the industry on completion of the project?	<i>Co-operation, support, goodwill, legacy, promoting benefits of registration with Scheme</i> The scheme will provide an excellent legacy for the construction industry. An aggregate recycling facility will be converted into a photo voltaic array to create sustainable electricity.
3. Protect the Environment <i>Constructors should protect and enhance the environment</i>	
3.1 Are environmental issues identified, communicated, managed and promoted?	<i>Environmental policy statement displayed, site specifics, induction, workforce, supply chain</i> The environmental policy will be displayed in the site office. Specific Tool Box talks will be adopted to communicate the environmental issues and policies to the workforce.
3.2 Is waste avoided and the use of resources and energy minimised?	<i>Policy and plan, reducing, reusing and recycling, sustainable solutions</i> All waste operated by the contractors will be recycled in a sustainable manner.

3.3 Are all reasonable efforts being made to minimise the impact of vibration and of air, light and noise pollution?	<i>Working methods and equipment, programming, monitoring</i> See specific sections of CEMP.
3.4 Are all reasonable efforts being made to protect the existing ecology, the landscape and water courses?	<i>Birds, trees, plants and wildlife, river, hazardous substance storage, spill control</i> See separate ecological management plan.
3.5 How are environmental issues identified and managed?	<i>Management policy, training, specialist input, planning, monitoring, incident procedures</i> See separate ecological management plan.
3.6 How are environmental issues communicated and promoted to the workforce and the general public?	<i>Newsletter, notice board, local groups, consultation, involvement, promoting achievements</i> A newsletter will be produced that will be distributed to stakeholders.
3.7 How is the site measuring and minimising its use of natural resources including water?	<i>Recycling, sustainable sources, policy, implementation, water/energy saving measures, harvesting rainwater, offsite construction, prefabrication.</i> Recycling bins provided. Signage on water usage.
3.8 How is the site measuring and reporting its carbon footprint and what is being done to reduce it?	<i>Carbon footprint reporting, report to company level, energy and fuel use minimised, energy efficient cabins, signage, travel plans, green purchasing</i> The project will generate 10MW of electricity from solar panels and will be carbon negative.
3.9 How is vibration, and air, light and noise pollution measured and managed to minimise impact?	<i>Noise monitoring, lighting, dust, fumes, working methods</i> See specific sections of CEMP.
3.10 How is a positive contribution being made to the natural environment?	<i>Awareness, goodwill work, planting, landscaping, local materials, improvements, post completion impact</i> Ecological and landscape management plans are to be agreed with the Local Authority as part of the planning process. These plans will enable the creation of valuable ecological habitats that will be managed during the life of the project, which is anticipated to be around 25 years.
4. Secure everyone's Safety <i>Constructors should attain the highest levels of safety performance</i>	
Note that the Code addresses the safety systems in place. The safety of the working site is outside the Code and the monitoring process.	
4.1 Are systems in place that care for the safety of the public, visitors and workforce?	<i>A&E, first aid, safety plan updated, inspections and reporting, risk information, PPE, protected access to cabins, controlled site access, signing in and out.</i> First aid kit will be available in welfare cabin. Nearest Accident and Emergency is located at The Barry Hospital (CF62 8YH) All site operatives to wear the necessary PPE. All operatives and visitors will sign in and out of site.
4.2 Have security risks to neighbours and the public been considered and addressed?	<i>Site/boundary/property security, scaffold protection, traffic management, child safety, escape routes</i> There is no access for the public to the site. All visitors to report to site manager.
4.3 Are initiatives in place to ensure continuous safety improvements?	<i>Workforce consultation and information, training, campaigns</i> Workforce will receive toolbox talk as necessary.
4.4 Does the site encourage attitudes and behaviours that enhance safety performance?	<i>Management, supervision, induction</i> Site Induction on arrival on site. Details recorded.
4.5 How is the safety of the public outside the site addressed and monitored?	<i>Falling debris, roads, footpaths and diversions, barriers, lighting</i> Roads will be cleaned as necessary. Street lighting maintained by ABP(MER)
4.6 What arrangements are in place for dealing effectively with emergencies?	<i>Emergency procedures, drills, injuries, visitor medical details</i> First Aid kits available. Accident and Emergency is located at The Barry Hospital (CF62 8YH)

4.7 What is done to ensure that the movement of vehicles and plant outside the site is not a risk to pedestrians, cyclists and other road users?	<i>Vehicle protection, warning systems, sensors, speed limits, supervision, initiatives</i> Vehicular road worthiness must be adhered to for all off site movements.
4.8 How are accidents, incidents and near misses recorded, and what is done to learn from them?	<i>Recording, analysing, communicating, training</i> Accident log book will be available for recording and reporting all accidents and near misses.
4.9 How does the site provide current safety and risk information to operatives and visitors?	<i>Hazard board, daily briefing, driver and visitor information</i> Site induction on arrival and recorded.
4.10 How does the site embed a culture of continuous positive safety performance?	<i>Attitudes, behaviour, incentives, controls, CSCS cards for visitors, supplier engagement, drugs and alcohol testing</i> All machine operatives must hold current CSCS cards or equivalent. Strict no-alcohol and drugs on site. Smoking permissible in designated areas
5. Value their Workforce <i>Constructors should provide a supportive and caring working environment</i>	
5.1 Does the site demonstrate a commitment to respect, fair treatment, encouragement and support?	<i>Bullying, harassment, equality, diversity and inclusion, management attitudes</i> Company policy of fair treatment is in place.
5.2 Are personal development needs identified and is training promoted?	<i>Training – employed, self-employed, trade contractors, supply chain</i> All machine operatives will have current CSCS or equivalent cards
5.3 Does the site care for the health and wellbeing of the workforce?	<i>Occupational health risks assessed and addressed, contact details, medical conditions, medications</i> Site induction on arrival and recorded.
5.4 Are suitable, hygienic and well maintained welfare facilities provided within a reasonable distance of the work area?	<i>Changing, drying, toilets, showers, lockers, canteen</i> Welfare Cabin and facilities will be available
5.5 How does the site assess and monitor the competency of the workforce?	<i>CSCS, skills cards</i> All machine operatives will have current CSCS or equivalent cards
5.6 How does the company encourage new people into the industry?	<i>Careers advice, apprenticeships, placements</i> The Company will address as necessary.
5.7 How is the health and wellbeing of the workforce assessed and addressed?	<i>Posters, healthy lifestyle advice, worker fatigue, weather protection</i> Welfare cabin advice, provision of PPE.
5.8 How is the site providing for the needs of a diverse workforce?	<i>Separate changing rooms, ramps, religious considerations, cultural needs, literacy and numeracy training</i> Needs will be addressed on a case by case assessment.
5.9 How are the welfare facilities managed and what additional facilities are available?	<i>Cleaning regime, rest, exercise and recreation</i> Welfare Cabin and facilities will be cleaned regularly.
5.10 What is done to ensure that the workforce feels involved and is encouraged to provide feedback?	<i>Open door policy, recognition, reward, feedback/consultation</i> All feed back is encouraged

Additional Information

Innovation
What measures have been implemented on the project that demonstrate innovation and original thinking?

Site Specific Data	
This information is used to capture key information and identify trends within the industry <i>Please note that data should be gathered on the current registration period only</i>	
What is the average number of operatives?	
Of these, how many on average are women?	
What percentage of the workforce holds CSCS cards?	%
How many compliments have been received and recorded by the site?	
How many complaints have been received and recorded by the site?	
How many reportable accidents have there been?	
How many non-reportable accidents have there been?	
Have there been any fatalities on site?	
Does the site record environmental incidents	Y / N
If yes, how many have there been?	

Site Manager Feedback
Does the Site Manager have any comments, questions or suggestions for the Scheme?

Notes