**Risk Assessment Template (H&S) NNRs**

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| **NNRs covered by this risk assessment:** | List NNRs: Teesmouth NNR | **Date completed:** | 05/01/2023 |
| **Assessment of (e.g. Activity, Equipment, Individual)** | Teesmouth Bird Hide Removal & Installation Works by contractors  | **Review date (max 1 year):** | 05/01/2024 |
| **Training required? Tick all that apply** | **Signed off by (SRM/ Line Manager):** | Joe Davies |
| **Training course:** | **Mandatory/Optional** | **Applicable? ()** |
| At least one onsite contractor should be first aid trained with adequate first aid provision available. | Mandatory |  |
| Contractor operatives must hold relevant HSE compliant training (e.g. NPTC or Lantra approved qualification /Instruction/ training) from a competent person/organisation for specific activities and equipment being used. | Mandatory |  |
| Other (Please specify): Appointed contractor will be SSIP or CHAS registered or assessed to equivalent H&S standard | Mandatory |  |
| **Notes (e.g. mandatory safety precautions)** | * Landing site for air ambulance **(TBC) (provisionally** adjacent work area and hide at Grid Ref: NZ51683 25471, What3Words: boat.diary.bucks)
* **Main A&E Department:** University Hospital of North Tees, Hardwick, Stockton on Tees, TS19 8PE Tel: 01642 617617

Note latest NHS advice: do not access A&E unless condition is life threatening, and if so call 999. If condition is not life threatening but medical help is needed quickly, call 111. For minor injuries/conditions there are urgent care centres at University Hospital of North Tees (above) and University Hospital of Hartlepool, Holdforth Road, Hartlepool, TS24 9AH (Call 111). Think – if not life threatening Call 111, Pharmacy or GP first.* **Eye Hospital:** Sunderland Eye Infirmary, Queen Alexandra Road, Sunderland, SR2 9HP Tel: 0191 565 6256
* ***Spill kits must be carried*** by all contractors when vehicle or machinery is on site – **this is a high-risk environment!**
* Mobile phone signal for Teesmouth NNR – variable depending on location, Vodafone has best signal and is usually fine.
* **Consult Site Hazard Map for Teesmouth NNR** - be aware of your location, keep away from steep drops, banksides and soft ground (mudflat and saltmarsh); a site hazard map can be found in the main office and supplied to all contractors.
* **Safe4 should be applied to the soles of footwear and vehicle tyres before entering the NNR and again on leaving the site for biosecurity protection reasons inc. Avian Influenza**.
* Lone working /buddy arrangements – **lone working is not permitted**, contractor to have made their own provisions following their company policy.
* Local industry (EDF Energy, Conoco Phillips, Inovin, Venator etc.) to be informed of dates and timings of works to avoid any security alarms.
* CDM regulation strictly adhered to.
* Contractor to carryout site visit prior to any construction or removal works commencing to carry out own risk assessment.
* Visitors & public to be kept away from work area by closing footpaths, erecting barriers and signage while work in progress.
* Only suitable trained personnel to operate vehicles and machinery
* Setup a zoning system and leave essential kit in ‘Cold Zone’ – keys, phone, first aid etc.
* Always use ‘Me First Principle’ – Me, Team then Task
* **NO DIG POLICY** – pipes and ground cables can run near the surface, before any digging takes place; industry partners must be consulted to locate pipes and cables. CAT and Genny must be used to check for pipes and cables.
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| **Minimum PPE/RPE requirements** | * Contractors must follow HSE guidelines for all aspect of the work.
* Steel toe capped boots conforming to EN345 standard (minimum) with good grips on the sole for **all individuals carrying out any practical/ construction tasks**.
* Sturdy footwear essential for all who are visiting the site **– trainers and dress shoes are not suitable**
* Other first aid kit provision is available at EDF visitor centre and within Teesmouth NNR office.
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| **Welfare Facilities** | Contractors to provide own onsite welfare facilities  |
| **What are the hazards common to all?** | **Who might be harmed and how?** | **What precautions are you already taking?** | **What additional local precautions are required?** |
| Uneven or slippery terrain. | Staff, contractors, and visitors. Slips, trips & fallsUneven ground, lose stones, untidy work area. Injury through contact with damaged structure, cuts grazes, impact wounds, infections.Bruises, musculoskeletal injuries, puncture wounds, fatalities | Contractors are required to carry out and document that adequate instruction - toolbox talk & dynamic risk assessment - has been carried out at start of works and areas of high risk have been highlighted to avoid.Contractors are expected to keep a clean tidy workspace for duration of works.Site left safe and tidy with appropriate signage or barriers in place at end of working day.Only access work areas through appropriate and agreed ‘official’ access points.Contractor to supervise own staff and inform them of safe systems of work -terrain/ ground conditions and to keep/ stay on paths.  | All areas that pose an additional risk to visitors/public due to contractor activities should be cordoned off and signed to prevent access. |
| Steep Cliffs and exposed edges | Contractors, staff, volunteers, visitors.Falling during work activities. Bruises, musculoskeletal injuries, broken bones. | Signage, vegetation, fencing, and edging are used in various locations depending on circumstance. All contractors warned of steep slopes and instructed staff to stick to main paths.  | Pre-site checks - check route prior to event to make sure it is safe.Ongoing survey and monitoring by NE staff and principal contractors.Ensure visitors/public do not enter unsafe areas to avoid the work area through barriers and clear signage. |
| Infections from animals (grazing stock) | NE Staff, contractors, volunteers, visitors Skin infections, contact with fences/gates etc. | Avoid touching animals.Practice good hygiene - washing with soap and hot water after contact. Wear disposable gloves if contact with animals is likely.Cover cuts with waterproof plasters.Seek medical advice if you get symptoms such as painful pustules on the skin. | There are no grazing animals kept in the immediate area of the hide. |
| Adverse weather | All – Storms, high winds, ice & snow or Sun burn, heat stroke, shock and lightning strikes. | Wear appropriate & suitable PPE, Prepare for expected conditions (e.g. sun block, hat) and dress for weather conditions.Contractor to check weather forecast before work and postpone if forecast is poor.Contractors are responsible for checking weather / tide forecasts and must not visit site during periods of high winds, when weather warnings are in force for strong easterly winds or when wind gusts are likely to exceed 35mph or when exceptionally high tides are forecast.Do not visit when lightening is forecast, avoid using metal gates where possible if weather turns unexpectedly. | Exposed site so extra caution needed when any adverse weather conditions are forecast |

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| **What are the hazards specific to your site/ staff/ equipment?**  | **Who might be harmed and how?** | **What precautions are you already taking?** | **What additional local precautions are required?** |
| Overhead power lines | DriverElectrocution, burns, death | Contractor to check site and be aware of where OHPLs are on site (check hazard maps). Contractor to choose and agree suitable routes, access points with SRM prior to works starting. | Contractor to arrange pre-site checks with NNR staff to check route(s) prior to works taking place, to make sure work area is safe and as expected. |
| Vehicles, heavy plant in use for site operations e.g. lifting/transporting hide or hide sections. | Staff, contractors, volunteers and visitors,Noise, dust, physical injury, drowning, death form collisions/ impact. | Contractor to suitably demonstrate that All operations are risk assessed and best practice (HSE guidelines) used by contractor(s).Contractor is responsible for signage and banksperson used when plant is in operation or construction works are taking place. Contractors to ensure paths are closed when safe public access is not available.Machinery and vehicles are driven slowly **not exceeding 10mph**.Suitable high visibility equipment inc. clothing and lights used where necessary. | No work to start on site until CDM regulations/ documentation has been agreed & exchanged.Contractor to supply a set of RAMS to cover all hazardous activities identified in agreement with NE staff before works commence. |
| Failure of hydraulic hoses – high pressure oil | Operator/ bystanders hydraulic fluid Serious cuts, skin infections possible death. | Contractors expected to undertake regular inspection of hoses.Contractors must ensure vehicle are in good order and have been regularly servicing by qualified personnel.Contractors must not allow bystanders to loiter around work areas when machinery is in use.Contractor to provide adequate safe systems of work in the RAMS to ensure things like - the pressure is released from hydraulic hoses before attaching or detaching and that consideration is given to not allow anyone under the loader or grab. | Keep public, bystanders, banks person a suitable safe distance away – as recommended by HSE guidelines. |
| Handling or spillage of hydraulic fluids, fuel & oils | Operator and aquatic organisms - skin infections, dermatitis, long term health problems & possible death. Explosions, burns, fire. | All fuelling of machinery to take place off site.Contractor to demonstrate best practice in RAMS – their staff to wear appropriate PPE when handling liquids (gloves, eye protection).Contractors are responsible for making sure suitable spill kits are available and used if works are unavoidable on site. | Containment measures must be in place to allow for at least 50% more volume of liquids transported to site. |
| Working adjacent to water  | Staff, contractorsDrowning, hypothermia | Contractors are expected to plan activity carefully, taking into account particular hazards presented by the site or the activity – documented in the RAMS. Contractors should demonstrate they have minimised risks, avoiding hazardous areas (steep banks, soft mud, deep water, for instance) or use aids such as temporary fencing, ropes, matting etc, and minimise the amount of time spent in the hazardous areas. | Plan work according to safest access and space, generally to east and north east of hide. |
| Tide and waves | Contractors, visitors and staff. Drowning, hypothermia. | Activities avoided during strong easterly winds and heavy spring tides, or when exceptionally high tides are forecast.Do not approach water/ embankment edges. | Staff movements should be monitored closely. |
| Falling in open water, ponds, stells, sea | All – Slips, trips and falls. Weill’s disease and drowning. | Contractor to inform staff to stay on the paths/ track. Keep away from edges of water course to prevent falling in and potential drowning |  |
| Flora & fauna / protected species – disturbance, loss | Staff, Volunteers, contractors – damage or disturbance to site and protected species.  | Contractor is expected to work with SRM to time works to minimise disturbance and be aware of sensitive locations.Only carry out works at appropriate time of year – or in the appropriate tidal conditions to minimise disturbance. |  |
| Contact with dead, ill or stranded animals. | NE Staff, volunteers, contractorsinfections | Do not touch dead, ill or stranded animals – Call NE staff member 0191 5860004 / 07803228414.Practice good hygiene – washing with soap and hot water after contact. Only approved persons to handling dead or ill animals or equipment and facilities that the animals have been in contact with under Avian Influenza guidelines – contact SRM or NE Staff 0191 5860004 / 07803228414.Cover cuts with waterproof plastersReport dead, ill or stranded marine animals to NE staff who will make arrangements for contacting the landowner and British Divers Marine Life Rescue (BDMLR). | Staff member to report the deceased animal to DEFRA (in case of suspected Avian Influenza) or WIS NE staff member to arrange safe removal of the deceased animal as per protocol.  |
| Enteric bacteria infections from all animals, especially bovines, and from working in or around aquatic environments (especially standing water) | NE Staff, contractors, visitors –Through contact with animal faeces, causing diarrhoea and abdominal pains with flu like symptoms. Much worse for persons with weak immune system. | Avoid contact with animal faeces and unnecessary contact with water (see working in or near water RA)Wear nitrile/ waterproof gloves if in contact with standing waterPractice good hygiene – washing with soap and hot water after contact. Cover cuts with waterproof plastersSeek medical advice if symptoms are suspected. | Cuts and possible open wounds are covered with plaster and waterproof gloves worn. |
| Manual handling – lifting, lowering, carrying, pushing and pulling objects | Person doing the lifting, Strains, muscle, joint and bone injuries, slips, trips and falls. | Contractor must suitable demonstrate within the RAMS that consideration is taken and suitably assess capability: training, experience, age, physical capacity and any medical conditions (such as ongoing back disorder) for their staff on site.RAMS should suitably demonstarte that measures have been taken to avoid lifting excessive weight.  | Contractor to make sure that all their staff are given safety talk and instruction from competent experienced team member around manual handling.Storage, stacking and the transportation of timber/ materials should be well thought out to avoid unnecessary lifting and moving of panels.  |
| Working at height | Contractors, staff, volunteers, visitors | Any work at height must be identified in contractor’s risk assessment and safe practices implemented including adequate staff training |  |
| Use of hand/power tools | Contractors, staff, volunteers, visitorsLacerations, cuts, impacts, puncture wounds, trips | Contractor to provide risk assessment covering their safe working practices including use of toolsMaintain clean site with zoning as detailed above. Prevent public/visitor access to areas where work is underatken or tools storedUse all tools in strict accordance with manufacturers’ safety instructions |  |

Please add more lines if required.

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| **General comments:**  | **Consult Teesmouth NNR Site Hazard Map** |