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Chapel Reen

Environmental Action Plan

Project name	Chapel Reen
Project code	CE0626
Area	South-East
Date	21/02/2024
Version number	2.0
Author	David Jenkins
Checked by	Stuart Craxford

Revision history

Revision date	Summary of changes	Author	Version number
06/02/2024	First Issue	David Jenkins	1.0
21/02/2024	Minor changes and additions	David Jenkins	2.0

EAP Approvals

Name	Signature	Title	Date	Version
Stuart Craxford		Operations Environmental Assessment Officer	06/02/24	1.0
Stuart Craxford		Operations Environmental Assessment Officer	23/02/24	2.0

Distribution

Name	Title	Date	Version

Purpose

This Environmental Action Plan (EAP) summarises the actions required to implement the environmental mitigation for the Chapel Reen works. It sets out specific objectives and actions defining the way in which environmental risks should be minimised. It also details roles and responsibilities of those involved in the project.

These actions form contract documentation and must be adhered to.

Roles

Each action in the table below has **one** named person who is responsible for ensuring that the action is implemented. It is ultimately the contractor's responsibility for ensuring the EAP commitments.

The Principal Contractor, the Principal Design (Binnies UK) and NRW Project Managers are responsible for advising on any changes to method statements or the planned construction work as these may result in changes to the EAP or additional consultation with statutory consultees. NRW will assess the significance of these changes and determine the appropriate course of action.

The *Contractor* is also responsible for implementing good environmental practice on site, in line with their own EMS. Typical issues include:

- any working hour restrictions
- dust suppression measures
- traffic management
- site waste management
- materials management
- vehicle maintenance and management
- pollution prevention and control (including storage, refuelling and incident response)
- response procedures e.g. services strike, contaminated land
- hazardous materials handling and storage
- noise management
- securing and delineation of working areas including signage

Environmental Audits

The *Employer* (NRW) may undertake environmental audits at any point during the works.

Environmental Incident Reporting system

Procedure

1. STOP
Before you report the incident, stop the work
2. CONTAIN
Where safe to do so, carry out any local site pollution prevention or emergency incident measures
3. NOTIFY
Report the incident to the (24 hour) NRW incident hotline 0300 065 5111, stating that it is an NRW incident and giving full details of the incident, including location and contact details. Also request, and note, the incident number.

4. REPORT

Report the incident (including the incident number) to: the EMS team
(EMS.team@cyfoethnaturiolcymru.gov.uk)

All environmental incidents must be reported at the earliest opportunity to Principal Contractor, Project Manager, Site Supervisor, NRW Project Manager and NRW Environmental Lead. In addition, near misses must be reported where there was/is the potential for a significant impact and where lessons can be learned.

Initial reports for such incidents and near misses must be followed by a written report using the contractor's in-house forms. This must include the following information:

- project/location
- date
- contractor
- details of what happened
- cause of incident
- lessons learned

This final and comprehensive investigation report is to be provided by the *Contractor* to the NRW Project Manager within 14 days.

Summary Scope of Works

This EAP covers the proposed permanent works at Chapel Reen. It includes installation of site welfare, all temporary works to complete construction and all construction works.

The permanent repair works at Chapel Reen comprises:

- Upgrading the existing tidal flap valves and installation of new mechanical lifting equipment.
- Repairs to the upstream face of the outfall structure consisting of de-vegetation of the wall and masonry works.
- Reinstatement of the effluent pipe from the Farmers Arms pub to its original position, which was relocated as part of the emergency works.
- Replacement of a 12.6m plan length of existing and failed retaining walls on both sides of the outfall with steel sheet piled retaining walls, driven to a footing level of approximately -6.0m Ordnance Datum (OD) (Newlyn). This is an approximate pile length of 12m. The sheet pile walls will be behind the existing retaining walls, within the area of profiled ground between the head wall and the channel. The temporary works currently located within the channel will be removed, along with the remnants of the failed existing walls and slumped soils. Ground levels will be reinstated around the downstream end of the new structure to tie-in with existing levels.
- Installation of steel/ reinforced concrete capping beam to the piles.
- Installation of 7.5m long structural steel universal columns to prop the sheet piles.
- Replacement of a 12.6m plan length of existing masonry channel (invert) bed with a reinforced concrete bed.

Relevant Contact Details

Project Sponsor	Gareth O'Shea
Project Executive	Mark Groves
NRW Project Manager	David Jenkins
NRW Environmental Lead	Stuart Craxford
ECOW	TBC
Contractor	TBC
Consultant Project Manager	Leigh Scoble
Consultant Environmental Lead	Ella Niehorster
Other Specialists	TBC

Environmental Action Plan

Ref no	Objective	Action	Responsibility	Reference to further information	Progress and Further Action	Sign off and date
<u>Pre - Construction</u>						
A1	Inform site managers / operatives of environmental constraints relevant to the site.	The <i>Contractor</i> shall ensure all Site Operatives are made familiar with requirements set out within this Environmental Action Plan, in addition to any other Environmental Constraints in the Works Information	<i>Contractor</i>			
A2	Ensure public safety	The <i>Contractor</i> shall contact Newport City Council Public Right of Way officer to agree method of working within vicinity of the Wales Coastal Path Public Right of Way that passes adjacent to the site. Closure of the footpath should be avoided, and a diversion will likely need to be agreed.	<i>Contractor</i>	 Public Rights of Way map.pdf		

Ref no	Objective	Action	Responsibility	Reference to further information	Progress and Further Action	Sign off and date
A3	Notify landowner and interested parties regarding the works.	Prior to works commencing the <i>Employer</i> shall notify interested parties including local residents and landowners of the upcoming works (e.g. letter drop). This should include information on the nature and duration of the works. NRW contact details should be supplied for queries.	NRW			
A4	To minimise the risk of spreading Invasive Non-Native Species (INNS), pests and disease.	Site surveys have identified Nuttall's pondweed within the scheme area (see Binnies Ecology report – January 2024), it is considered unlikely that the proposed works will spread this species via the watercourse due to an intolerance to high salinity habitats further downstream. The <i>Contractor</i> shall implement the following mitigation and avoidance measures to ensure there is no spread of this or other INNS: - A site-specific INNS management plan will be produced to prescribe and document management of INNS through construction. It will detail the locations, methods to be used for removal and destruction/safe disposal of the INNS within the construction area. This management plan is to remain in place following construction and be regularly updated following results of monitoring inspections. - For areas where no INNS flora clearance is planned as part of construction, but INNS may be disturbed (access tracks, walking routes etc.) buffer/construction exclusion zones will be used to identify the areas of risk of spread/impact for INNS. - Appropriate biosecurity measures will be in place to control the spread of INNS within the Scheme and wider area, these include boot and vehicle washes and controlled waste bins, these are particularly important where buffer zones cannot be observed due to the prevalence of the species. The <i>Contractor</i> shall also consider biosecurity in all RAMS and carry out pre works checks for INNS.	Contractor	Check Clean Dry protocol: http://www.nonnativeinvasivespecies.org/checkcleandry/index.cfm Guide to identifying invasive non-native species on the Gwent Levels INNS+booklet+(A5)+WEB.pdf (squarespace.com)		

A5	To prevent adverse effect to otters.	Otters may use the watercourse for commuting and foraging. The <i>Contractor</i> shall complete pre-clearance / construction checks, in accordance with best practice survey guidance for otter resting / breeding places, within 50m of the works. If any otter breeding / resting areas are found during pre-construction checks, further survey work and mitigation measures may be required, in addition to a European Protected Species (EPS) Licence from NRW.	<i>Contractor</i>			
A6	To prevent adverse effect to water voles.	Water voles may be using the watercourse for foraging and commuting. The <i>Contractor</i> shall complete pre-clearance / construction checks, in accordance with best practice survey guidance. If any signs of water voles are found in the works area during pre-construction checks, further survey work and mitigation measures may be required, in addition to a European Protected Species (EPS) Licence from NRW. The <i>Contractor</i> shall also prepare a precautionary method statement on measures to be implemented if Water Voles are located on site.	<i>Contractor</i>			
A7	To prevent adverse effect to badgers.	No setts or other field signs currently identified within the scheme area. The pre-works toolbox talk should inform all site workers that badgers may be active in the area. The <i>Contractor</i> shall stop all work if a badger or sett is found within the scheme area during the works and advice to be sought from an Ecologist and the <i>Employer</i>.	<i>Contractor</i>			
A8	To prevent adverse effect to reptiles.	The <i>Contractor</i> shall include a method statement for the safe management of the scheme area for reptiles within the CEMP. Prior to the commencement of works, if there are any clearance and excavation works an ECoW will give a toolbox talk on reptiles for all contractors involved.	<i>Contractor</i>			
A9	To prevent adverse effect to harvest mouse, polecats, and stoats.	ECoW is to carry out pre-works checks in suitable habitats for harvest mouse, polecats, and stoats. If identified mitigation measures will be determined by ECoW.	<i>NRW</i>			

A10	To prevent adverse effect to notable plant species.	Parsley Water dropwort and Marsh-mallow have been identified within the scheme area (see ecology report). The ECoW toolbox talk prior to works will note the location of these plants. If construction works will impact these species the ECoW will be present to oversee the translocation of this area into a pre-determined suitable location within the vicinity away from the construction area. This will be undertaken ahead of works commencing in this area to mitigate the impact to this species. Where possible, seed collection will also be taken of this plant to spread along the banks of Chapel Reen.	Contractor			
A11	To prevent killing or injury of breeding birds (including destruction of nests or eggs).	During bird nesting season, pre-clearance breeding bird checks to be carried out by the <i>Contractor</i> no more than 24hrs before any required vegetation clearance work. If nests found, exclusion zone to be set up until young have fledged. If results negative, clear vegetation	Contractor			
A12	Maintain water quality of Chapel Reen /Pill	The <i>Contractor</i> shall ensure good silt management procedures are followed as outlined by the Guidelines for Pollution Prevention (GPP 5). These must be incorporated into construction method statements.	Contractor	gpp-5-works-and-maintenance-in-or-near-water.pdf (netregs.org.uk)		
A13	Maintain awareness of the Historic Environment	The location is within the Gwent Levels Historic Landscape Area and Gwent Levels Archaeologically Sensitive Area. NRW shall consult Glamorgan Gwent Archaeological Trust & Royal Commission on the Ancient and Historical Monuments of Wales.	NRW	 RE_Chapel Reen - GGAT.msg  Re_Chapel Reen - RCAHMMW.msg <i>See Appendix</i>	RCAHMMW have no objections GGAT confirm no archaeological watching brief required.	

Construction

Ref no	Objective	Action	Responsibility	Reference to further information	Progress and Further Action	Sign off and date
B1	Ensure safety of pedestrians using the Wales Coastal Path (PRoW)	The <i>Contractor</i> shall implement agreed diversion route and necessary safety measures agreed with Newport City Council. As a minimum this must include: Erect signage and fencing to prevent footpath users entering the site boundaries. A banksman will be present to direct footpath users and site traffic when plant is moving.	<i>Contractor</i>	 Public Rights of Way map.pdf See Appendix		
B2	To minimise noise disturbance to local residents.	The <i>Contractor</i> shall ensure: - Any stationary plant (e.g. generators and compressors) will be positioned as far as practically possible away from residential properties and screened to reduce noise emissions; - All plant will be shut down when not in use to eliminate unnecessary noise; - Where possible, quieter electrically powered plant will be used as opposed to diesel or petrol equipment.	<i>Contractor</i>	<i>British Standard guidelines BS5228:2009 – Code of practice for noise and vibration control on construction and open sites</i>		
B3	To minimise the effect on air quality to the local residents	The <i>Contractor</i> shall ensure: - Working areas are kept neat and tidy; - Stockpiled material does not cause air pollution, implementing dust suppression as required; - Road going vehicles restricted to running on hard surfaces where feasible;	<i>Contractor</i>			

B4	To minimise disruption to the local road network.	The <i>Contractor</i> shall implement the following: • Wheel cleaning facilities to avoid tracking soil (any other site materials) onto highways. • Vehicles travelling off site shall be observed to minimise mud/debris on the road. • Control measures will be in place for disposal of rubbish; • Deliveries to site will be pre-arranged and controlled to avoid queuing.	<i>Contractor</i>			
B5	Maintain water quality of Chapel Reen /Pill	The <i>Contractor</i> shall implement the below measures: Contamination Management: All chemicals, fuels or materials that could cause pollution of the Chapel Reen /Pill will be stored in such a way that they can be moved easily in the event of a flood. All chemicals, abrasives, liquids will be locked away in a secure container, and away from any watercourses / waterways in order to prevent pollution incidents. The use of wet concrete around watercourses to be minimised and carefully controlled Drip trays shall be placed beneath all plant during re-fuelling. Spill kits will be readily available in the unlikely event of an oil or chemical spill. Site staff will be trained in their use. All pumps / generators to be set at least 10m away from watercourses, and suitably baffled to reduce noise. Site works should be undertaken in accordance with appropriate best practice including, as a minimum: Construction Industry Research and Information Association (CIRIA) Environmental good practice on site guide. No machinery or equipment will be left within the river channel or on the riverbank overnight. Spill kits to be provided with all plant and operatives trained in their use. Any storage containers will be appropriately 'bunded' to prevent any spillages or leaks. Refuelling of plant or machinery to take place in a designated area away from the watercourse. All waste materials will be disposed of in designated skips and taken to licensed facilities. A contingency should be in place to deal with issues arising should there be incorrect functioning of the tidal flap which would allow incursion of salt water into the Chapel Reen during high tides. Necessary pumps should be available to mitigate such an	<i>Contractor</i>	CIRIA C741 'Environmental Good Practice On Site'; Fourth Edition (2015). Guidance for Pollution Prevention (GPP) documents NetRegs Environmental guidance for your business in Northern Ireland & Scotland The following Guidance for Pollution Prevention Documents (GPPs) : GPP 1 GPP 5 GPP 6 GPP 7 GPP 8 GPP 13 GPP 21 GPP 22		

		event. Pumped water should be returned close to the waters edge on the seaward side to prevent erosion issues over the saltmarsh areas. Any problems with the tidal flap should be reported and investigated promptly. Silt Management: No storing of materials within 10m of the Reen. Any Plant and wheel washing to be carried out in a designated area of hard standing at least 10 metres from the Chapel Reen. Minimise the amount of time stripped ground and soil stockpiles are exposed by planning the construction period accordingly and implementing mitigation as soon as is feasible. Coverage of any soil stockpiles with impermeable material, during exposure for the duration of the works particularly in relation to adverse weather conditions. Any gravel introduced to the site e.g.for access tracks and the temporary ramp should be placed over a Terram membrane (or similar accepted) to protect ground/plants underneath from tracking vehicles and to facilitate gravel removal and site restoration.				
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B6	To minimise adverse effects to Protected Sites	The site is within the: • Severn Estuary Ramsar, Special Area of Conservation, Special Protection Area and Site of Special Scientific interest (SSSI) and • Newport Wetlands National Nature Reserve and Site of Special Scientific Interest (SSSI), Gwent Levels • The Gwent Levels – Nash and Goldcliff SSSI is located adjacent to the north of the site. It is important that the works footprint is the minimal necessary to undertake the work safely. Any tracking over saltmarsh to access the immediate work area should be assessed and tracking mats utilised if feasible to avoid damage to sensitive vegetation. Unnecessary tracking over areas of saltmarsh should be avoided. The proposed laydown area/working compound should be re-instated after use. The area should be restored with an appropriate seed mix where needed. A Terram layer (or similar accepted) will be used under all introduced gravel areas including access tracks and the temporary ramp. This will make the gravel removal easier and help protect plants underneath from tracking vehicles. A contingency should be in place to deal with issues arising should there be incorrect functioning of the tidal flap which would allow incursion of salt water into the Chapel Reen during high tides. Necessary pumps should be available to mitigate such an event. Pumped water should be returned close to the water edge on the seaward side to prevent erosion issues over the saltmarsh areas. Any problems with the tidal flap allowing ingress of salt water into the freshwater SSSI should be reported to the local Environment Team Environment Team – Newport Caerphilly and Blaenau Gwent ET.NewportCaerphilly&BlaenauGwent@cyfoethnaturiolcymru.gov.uk and investigated promptly. An incident should also be reported via the NRW incident line on 0300 065 3000. Pre-commencement checks shall be carried out to ensure there are no nesting birds in the vicinity that will be disturbed during the work. If nesting birds are found during these checks the <i>Contractor</i> shall consult the <i>Employer</i> for advice on how to proceed. On site works shall not be planned for the period November to March inclusive.	Contractor	 4021359-BUK-ZZ-00- DR-EN-00005 - Design		
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B7	To prevent adverse effect to otters.	In order to prevent disturbance and or entrapment during construction of the outfall the following measures shall be implemented by the Contractor: • No nightworks to be undertaken; • No lighting of works areas at night; • All outfall excavations will be covered during off-work periods; and Areas of excavation that cannot be covered will have a suitable means of escape provided (e.g. timber ramp left in place, so otter has means of exiting excavations).	Contractor			
B8	To prevent adverse effect to Water Voles	In order to prevent disturbance and or entrapment during construction of the outfall the following measures shall be implemented by the Contractor: • Pre commencement checks for signs of water voles shall be completed and necessary steps taken if water voles are present on site. • Damage to the reen banks is to be kept to a minimum during the works. • All outfall excavations will be covered during off-work periods; and Areas of excavation that cannot be covered will have a suitable means of escape provided (e.g. timber ramp left in place, so water voles have a means of exiting excavations).	Contractor			
B9	To prevent adverse effect to badgers.	Where any trenches or other excavations are to be left open overnight, the <i>Contractor</i> shall fit mammal ramps or have the sides battered to form a slope to allow animals to escape.	Contractor			

B10	To prevent adverse effect to reptiles.	The <i>Contractor</i> shall ensure any potential areas of scrub and grassland and swamp vegetation scheduled for clearance will be cut to a height of 20-25 cm with arisings removed and left for at least two days. Then at least two days in advance of development works the vegetation will be cut to ground level (5-10cm). Once the vegetation has been cut to ground level, it will be maintained at this height until ground clearance works begin and throughout the period of construction. An ECoW will be present to oversee any vegetation clearance works and will conduct preclearance fingertip searches on the day clearance is planned. Any reptiles found will be moved to a safe location away from the clearance areas (but within the Scheme Area) for immediate release. The ECoW will also be present for the dismantling of any suitable pre-existing refugia (Such as the stockpile area). Where possible, dismantling will be carried out by hand with any reptiles found moved to a safe location away from the clearance areas (but within the Scheme Area) for immediate release. To ensure the most effective mitigation, vegetation and refugia clearance will be undertaken during the active season for reptiles, typically February to October inclusive.	<i>Contractor</i>			
B11	To prevent adverse effect to passage birds	If works are required during passage seasons – April to mid-May (spring) or September to October (autumn), the following measures will be implemented by the <i>Contractor</i>: No works for 1.5 hours either side of high tide unless a suitably qualified ecologist has surveyed the watercourse and adjacent wetland habitats at Chapel Pill for assemblages of ringed plover, dunlin, whimbrel, and redshank that could be disturbed when the works being undertaken, and confirmed that works can proceed.	<i>Contractor</i>			

B12	To prevent adverse effect on Fish	The <i>Contractor</i> shall implement the following protective measures: • Works within and adjacent to the watercourse will be undertaken outside of the elver migratory period which runs 1st March to 30th April. • Use of screens (or alternative accepted measure) when over pumping to avoid fish and eels be sucked into pumps. Measures to avoid direct impacts to individuals during construction works. • Pollution and siltation control and biosecurity measures will be in place to ensure no indirect effects on fish and eel populations. • A fish rescue plan shall be in place prior to any temporary dam construction. This plan shall be agreed with the local fisheries advisor.	Contractor			
B13	To prevent killing or injury of Bats.	All works should be carried out during daylight hours to avoid disturbance to bats.	Contractor			
B14	To minimise the risk of spreading Invasive Non-Native Species (INNS), pests and disease.	Biosecurity measures will be employed to ensure that no invasive species are redistributed via soil movements or soil reuse or imported to the site. Biosecurity measures detailed in the Contractors INNS management plan shall be integrated into RAMS and adhered to on site. Clean-dry principles must be applied to equipment, plant / vehicles that have been in the water to reduce the risk of spreading aquatic INNS and fish and amphibian diseases. Disinfection may be required, depending on risk or whether equipment can be effectively dried (for >48hrs). Any disturbed / removed invasive species must be disposed of appropriately, to ensure none are illegally spread from the site.	Contractor	Check Clean Dry protocol: http://www.nonnativespecies.org/checkcleandry/index.cfm		

Post Construction						
Ref no	Objective	Action	Responsibility	Reference to further information	Progress and Further Action	Sign off and date
C1	To keep public informed of work progress.	Notify local residents once work is complete.	<i>NRW</i>			
C2	To ensure no damage to the local road and pedestrian path network, including access route.	Carry out post-construction survey and compare to pre-construction condition survey undertaken. Undertake any repairs as necessary.	<i>Contractor</i>			
C3	To minimise the risk of spreading Invasive Non-Native Species (INNS), pests and disease.	Post-construction monitoring to confirm no inadvertent introduction of INNS within construction area.	<i>NRW</i>			

Good Environmental Practice on Construction Sites

General actions, expected to be undertaken as a matter of course on the Chapel Reen site as part of meeting good environmental practice and general contract requirements, are set out below.

Human Beings

Inform the NRW Project Manager within 48 hours of receiving any complaints about the works or staff employed. Ensure a response within ten days of original complaint.

Local residents should be informed when works are commencing and how long for. If required, they should be kept informed of progress throughout the works.

Ecology

Minimise disturbance to protected and notable species. An ecologist will check the working area prior to the start of construction.

Air and Noise

All machinery used on site must be maintained according to manufacturers' instructions and there must be no excessive exhaust smoke. Engines must be switched off during periods of prolonged inactivity.

The works must be carried out in accordance with "Best Practicable Means" (BPM) as defined in Section 72 of the Control of Pollution Act (COPA; 1974).

Appropriate dust control measures must be implemented when required, including some of the following measures; clearing or damping down of access routes, off-site road sweeping/washing, prohibition of any on-site burning of materials.

Landscape/Visual Amenity

Materials or machinery shall only be stored in compound areas away from the areas of high conservation and ecological value as outlined.

The site must be restored to conditions the same or better than before works commenced with all temporary works removed. A photographic record may be used as a record of the baseline (pre-construction condition).

The site must be kept tidy and orderly throughout the contract period. Machinery and materials will be stored away at weekends or other times of inactivity.

Prevention of Pollution

The *Contractor* must comply with best practice Guidelines for Pollution Prevention including the mitigation measures outlined within the plan.

An emergency flood plan must be developed and approved prior to beginning the works. Sufficient spill kits are to be kept on site always, with personnel trained in their use. Drip trays will be used for plant.

Incidents that involve pollution, fish kills or release of hazardous substances must be reported immediately to NRW's 24-hour Emergency Hotline on 0300 065 3000. The NRW Project Manager and EAT will agree the remedial actions to be taken.

Non pollution incidents such as ecological disturbance / destruction, inappropriate tree management etc should be reported to the Environmental Clerk of Works and / or the NRW Project Manager as soon as possible.

Sustainable Procurement

The *Contractor* will minimise construction waste by reducing, reusing and recycling materials as far as possible. The *Contractor* will report on the amount of waste being sent to landfill if applicable in a Site Waste Management Plan.

Appendix A

Correspondence with:

Glamorgan-Gwent Archaeological Trust

Royal Commission on the Ancient and Historical Monuments of Wales

Public Rights of Way Map

Jenkins, David

From: Heritage Management <heritagemgmt@ggat.org.uk>
Sent: 29 February 2024 10:26
To: Jenkins, David; Heritage Management
Subject: RE: Chapel Reen - GGAT

Rhybudd: Deilliodd yr e-bost hwn o'r tu allan i'r sefydliad. Peidiwch â chlicio dolenni, atodiadau agored nac sganio codau QR oni bai eich bod yn cydnabod yr anfonwr ac yn gwybod bod y cynnwys yn ddiogel.

Caution: This email originated from outside of the organisation. Do not click links, open attachments or scan QR Codes unless you recognise the sender and know the content is safe.

Hi David,

That is a great shame that you were not able to capture any photographs of the work, as it was undertaken.

I confirm that there is no need for an archaeological watching brief to be undertaken.

Cofion,
Claudine

From: Jenkins, David <david.jenkins@cyfoethnaturiolcymru.gov.uk>
Sent: 29 February 2024 09:41
To: Heritage Management <heritagemgmt@ggat.org.uk>
Subject: RE: Chapel Reen - GGAT

Hi Claudine,

I have checked our files and discussed this with the project team involved during the previous phase of works.

There is no photographic record within the arch as it was deemed unstable and emergency action was taken to stabilise it. There are of course other site photos, but nothing of archaeological significance.

We shall proceed with no archaeological watching brief for the next phase of work but will be in touch if any archaeological material is uncovered on site. Can you confirm this is agreeable?

Please let me know if you have any other queries or action for us to take during the works.

Many thanks,

David

David Jenkins BEng (Hons) GMICE

Rheolwr Prosiect / Project Manager
Prosiectau a Chyflenwi Rhaglenni / Projects and Programme Delivery
Symudol / Mobile: 07815 977515



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yn ffynnu gyda'n gilydd

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From: Heritage Management <heritagemgmt@ggat.org.uk>

Sent: 27 February 2024 13:03

To: Jenkins, David <david.jenkins@cyfoethnaturiolcymru.gov.uk>; Heritage Management <heritagemgmt@ggat.org.uk>

Subject: RE: Chapel Reen - GGAT

Rhybudd: Deilliodd yr e-bost hwn o'r tu allan i'r sefydliad. Peidiwch â chlicio dolenni, atodiadau agored nac sganio codau QR oni bai eich bod yn cydnabod yr anfonwr ac yn gwybod bod y cynnwys yn ddiogel.

Caution: This email originated from outside of the organisation. Do not click links, open attachments or scan QR Codes unless you recognise the sender and know the content is safe.

Hello David,

Thank you for your email. I have reviewed the attached plans and elevation drawings, and looked back at our earlier correspondence. My understanding of the proposed works are such that it would be unlikely that any form of archaeological mitigation, such as a watching brief would be of use as there would be limited opportunity to observe archaeological features.

I note we had previously discussed the potential to undertake a photographic record, during an earlier phase of work. Did you manage to do this, and have you been able to submit your record to the regional Historic Environment Record?

Cofion,

Claudine

Claudine Gerrard BSc Hons, MPhil, MCIfA
Stewardship Officer GGAT

From: Jenkins, David <david.jenkins@cyfoethnaturiolcymru.gov.uk>

Sent: 26 February 2024 15:16

To: Heritage Management <heritagemgmt@ggat.org.uk>

Subject: FW: Chapel Reen - GGAT

Importance: High

Hi,

Apologies for following up again so soon.

The marine licence application for these works is due for submission this week. Would it be possible to discuss these works prior to the application?

Many thanks,

David

David Jenkins BEng (Hons) GMICE

Rheolwr Prosiect / Project Manager

Prosiectau a Chyflenwi Rhaglenni / Projects and Programme Delivery

Symudol / Mobile: 07815 977515



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**Byd natur a phobl
yn ffynnu gyda'n gilydd**

**Nature and people
thriving together**



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naturalresources.wales**

From: Jenkins, David

Sent: 20 February 2024 13:40

To: heritagemgmt@ggat.org.uk

Subject: FW: Chapel Reen - GGAT

Hi,

I'm just following up on the below email.

Please let me know if you envisage any archaeology input will be required during these works.

Many thanks,

David

David Jenkins BEng (Hons) GMICE

Rheolwr Prosiect / Project Manager

Prosiectau a Chyflenwi Rhaglenni / Projects and Programme Delivery

Symudol / Mobile: 07815 977515



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Natural
Resources
Wales**

**Byd natur a phobl
yn ffynnu gyda'n gilydd**
Nature and people
thriving together



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naturalresources.wales

From: Jenkins, David
Sent: 07 February 2024 15:46
To: heritagemgmt@ggat.org.uk
Subject: Chapel Reen - GGAT

Hi,

I am emailing regarding the proposals shown in the attached drawings (Site Location - **NGR: ST 36706 83026**) . This project has been ongoing since 2021 and GGAT were previously consulted during an emergency phase of works on site (see attached email).

Following installation of temporary works to make the site safe we are now progressing the attached design with construction planned for this summer.

Can you please advise on any archaeological input required during the construction phase?

Please let me know of any queries.

Many thanks,

David

David Jenkins BEng (Hons) GMICE

Rheolwr Prosiect / Project Manager
Prosiectau a Chyflenwi Rhaglenni / Projects and Programme Delivery
Symudol / Mobile: 07815 977515



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Jenkins, David

From: Dr Julian Whitewright <julian.whitewright@rcahmw.gov.uk>
Sent: 27 February 2024 10:59
To: Jenkins, David
Subject: Re: Chapel Reen - RCAHMW

Rhybudd: Deilliodd yr e-bost hwn o'r tu allan i'r sefydliad. Peidiwch â chlicio dolenni, atodiadau agored nac sganio codau QR oni bai eich bod yn cydnabod yr anfonwr ac yn gwybod bod y cynnwys yn ddiogel.

Caution: This email originated from outside of the organisation. Do not click links, open attachments or scan QR Codes unless you recognise the sender and know the content is safe.

Dear David,

Thanks for your email.

I have checked our GIS mapping which covers the National Monuments Record, the local HER and any artefacts reported to the National Museum/Portable antiquities scheme, and there is nothing within the scheme area as outlined in your attached plan. On that basis, and on the basis that the proposed work, as explained, is going to be working on previously disturbed ground, I would have no comment/objections to the marine license on the grounds of any impact to marine archaeology, and there would be no mitigation needed from my perspective.

An obvious caveat to this is that things always have the potential to turn up in an unexpected place! So, if you do come across any archaeological material we would appreciate being informed, along with Glamorgan Gwent Archaeological Trust (GGAT).

I would also recommend contacting GGAT as they cover terrestrial matters above the high water mark, which the scheme may impact in a different way. My remit only goes to high water.

In terms of the marine license application. It would be helpful if you included a short section somewhere in the application form, or an environmental report, or in the WNMP signposting spreadsheet, to reflect the fact that we have spoken, and that RCAHMW has no concerns on the basis summarised above.

RCAHMW will still get consulted on the marine license application, but I can just reiterate the above comment in response.

Yours

Julian



Comisiwn Brenhinol
Henebion Cymru
Royal Commission on the Ancient
and Historical Monuments of Wales

Dr Julian Whitewright

Dysgwr 
Uwch Ymchwilydd (Arforol) | Senior Investigator (Maritime)
Ffordd Penglais, Aberystwyth, SY23 3BU
+44 (0) 1970 621 217
julian.whitewright@rcahmw.gov.uk
www.cbhc.gov.uk | www.rcahmw.gov.uk
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Rydym yn croesawu gohebiaeth yn Gymraeg a Saesneg. Ni fydd gohebu yn Gymraeg yn peri oedi.
We welcome correspondence in Welsh and English. Corresponding in Welsh will not lead to any delay.

Yn unol â Rheoliadau Safonau'r Gymraeg (Rhif 2) 2016, mae gennych hawl i gyfathrebu a gohebu â Chomisiwn Brenhinol Henebion Cymru yn eich dewis iaith. Er mwyn sicrhau ein bod yn cyflawni'r hawl, rhwch wybod i ni a ydych yn dymuno derbyn gohebiaeth a/neu alwadau ffôn oddi wrthym yn y Gymraeg. Bydd yr wybodaeth hon yn cael ei chofnodi gennym ni, a byddwn yn defnyddio'r iaith o'ch dewis ym mhob cyfathrebu yn y dyfodol. Diolch.

Under the Welsh Language Standards (No. 2) Regulations 2016, you have the right to communicate and correspond with the Royal Commission on the Ancient and Historical Monuments of Wales in your preferred language. To ensure we uphold this right, please let us know whether you wish to receive correspondence and/or telephone calls from us in Welsh. This information will be recorded by us, and we will use your preferred language in all future communication. Thank you.

From: Jenkins, David <david.jenkins@cyfoethnaturiolcymru.gov.uk>
Sent: Monday, February 26, 2024 15:34
To: Dr Julian Whitewright <julian.whitewright@rcahmw.gov.uk>
Subject: Chapel Reen - RCAHWW

You don't often get email from david.jenkins@cyfoethnaturiolcymru.gov.uk. [Learn why this is important](#)

Hi Julian,

Hope you're well.

I am emailing regarding works to repair a tidal outfall in Goldcliff, Newport. The tidal outfall is located at national grid reference – ST 36709 83026 (see site plan attached). The structure consists of twin culverts and a headwall with 2 non-return flap valves. There are 2 masonry retaining walls that extend 12.6m downstream on either side of the channel.

Emergency works were carried out on site during 2021 to stabilise the retaining walls. This resulted in the installation of temporary trench boxes to support the failing masonry walls. The culverts and headwall were also stabilised during these emergency works.

Works are now planned for this summer to construct permanent sheet piled retaining walls in place of the failing masonry walls. The marine licence application for these works is currently being prepared and will be submitted soon.

Can you advise on any archaeological input / mitigation required for these construction works?

Feel free to call me on the below number to discuss further.

Many thanks,

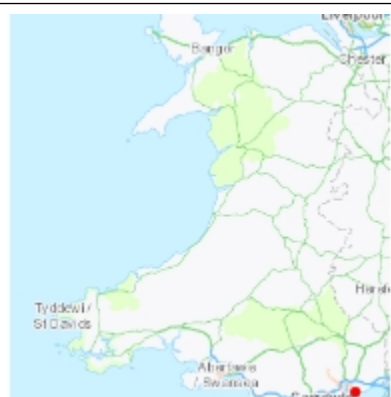
David

David Jenkins BEng (Hons) GMICE

Rheolwr Prosiect / Project Manager

Prosiectau a Chyflenwi Rhaglenni / Projects and Programme Delivery

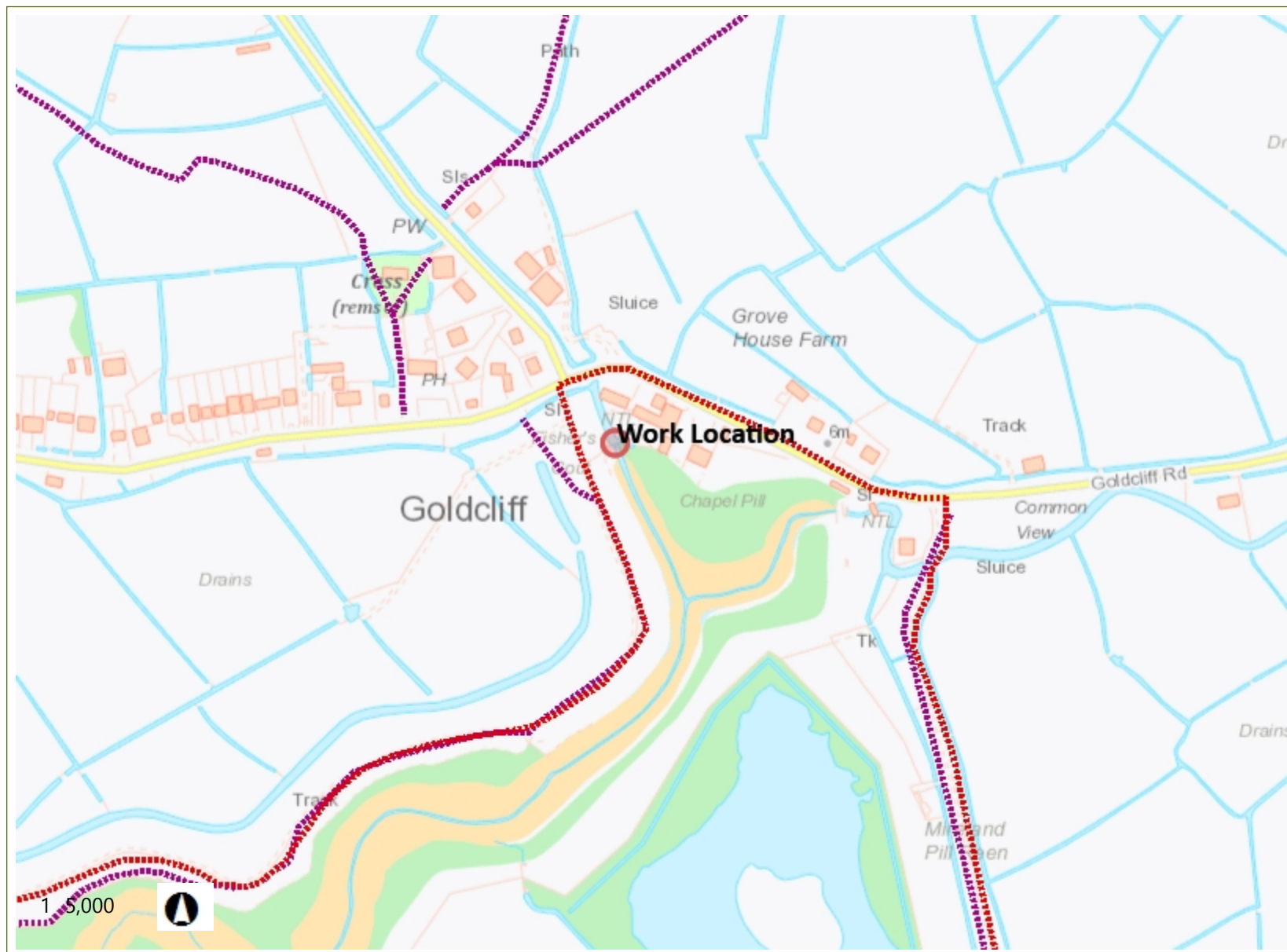
Symudol / Mobile: 07815 977515



Legend

- Wales Coastal Path
- Public Rights of Way

Notes



0.3 0 0.13 0.3 Kilometers

British_National_Grid

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