

Environmental Screening: Low Risk File Note

Project name	Afon Dysynni Beach Shingle Works
Project manager	Rob Jones
Prepared by	Integrated Engineering NW
Date Screened	26/05/2025

Introduction

This project has been screened for environmental risk following Operational Guidance Note 86 and is considered to be “**Low Environmental Risk**” and does not require a statutory Environmental Impact Assessment. Whilst the project has been screened “Low Environmental Risk”, there may still be environmental risks and consents that need to be considered by the Project Manager as detailed in this note.

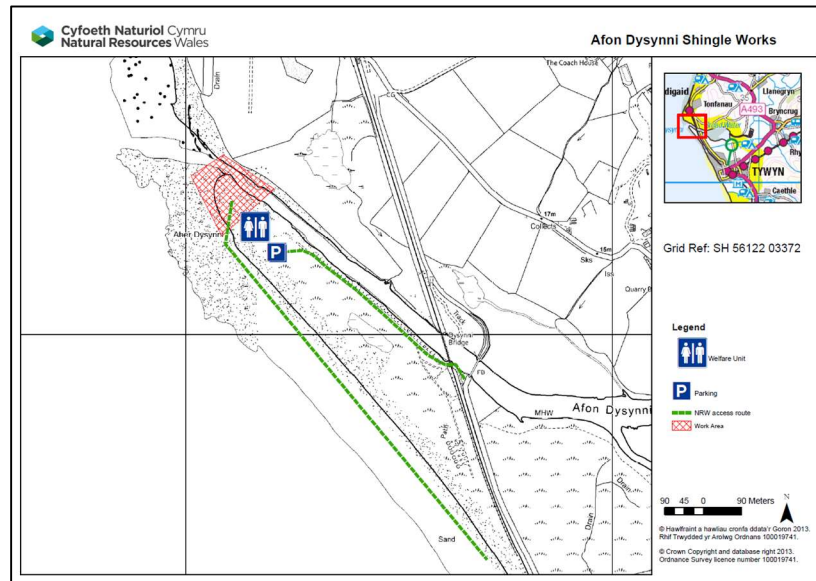
Please consult the Integrated Engineering Team NW should you have any queries regarding the information provided. If the nature of the project changes the advice below may need to be reviewed. Our email address is:

IE.NW@cyfoethnaturiolcymru.gov.uk

Description of Project / Scheme, eg: Reason for works, Activities involved (bigger projects may need a method statement), Preferred/expected timing, Duration of works, Access and/or storage requirements, Location map (include SSSI boundary if relevant), Photos, if available	Work Description Clearance of the Afon Dysynni mouth by means of 360° excavators & dumper trucks. Beach shingle has collected at the mouth of the Dysynni at Tywyn severely restricting flow. This has a flood impact upstream and needs routinely moving. No materials will be removed from site. The shingle will be moved from the river mouth and dispersed as shown in method below.
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Location

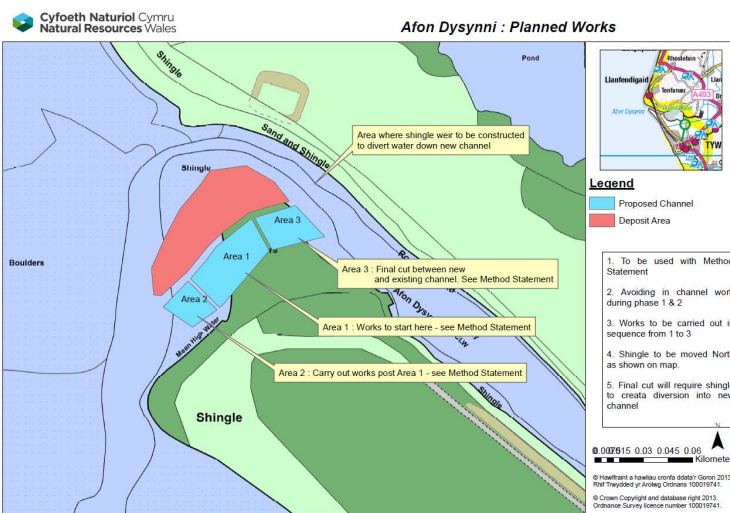


Method

- Excavator and dozer to travel from Tywyn along foreshore
- Site management to be carried out using signs / banksmen at all times during working hours.
- New Channel to be 10m from Training Wall to avoid disturbing structure.
- Excavate material from area 1 and deposit on North side. Cut new channel approx. 25m wide through shingle, following line of old channel training wall.
- Dozer to move material northwards towards existing channel and profile.
- Excavate area 2, as below.
- Excavate area 3, opening cut between new and existing channels. Push excavated material into old channel to divert flow down new cut. Create a weir structure to enable the flow to be carried down to the new channel.



- Plant machinery to be parked on access track above tidal influence
- Refuelling of machinery will be carried out outside of SAC
- All NRW plant working in-channel will run on degradable hydraulic oil
- GPP5 to be followed
- Work will begin when Ops are satisfied with water levels, and forecast is favourable to carry out works.
- Material will be moved into deposit area and shaped into beach profile
- Weir to be constructed to the same level as the top of the foundations of the railway bridge. This will allow water to flow down new channel and allow water to pass over if the new channel isn't at an adequate depth for the river to flow during the works.
- On completion power wash plant and remove from site to the South
- Welfare unit / signage to be disassembled and moved from site.



	 Afon Dysynni : Works Site  Legend - Proposed Channel - Proposed Deposit Area - To be used with Method Statement - Avoiding in channel work during phase 1 & 2 - Works to be carried out in sequence from 1 to 3 - Shingle to be moved North as shown on map - Final cut will require shingle to create diversion into new channel 0 0.0075 0.015 0.03 0.045 0.06 Kilometers © Hereford & Worcester County Council 2013. All Rights Reserved. Ordnance Survey Licence 100019741. Afon Dysynni : Future Maintenance  Legend - New Channel - Deposit Area - Future Maintenance to include moving gravel / shingle from channel - Deposit northwards and profile into shingle bank - Excavator and dozer to be used 0 0.0075 0.015 0.03 0.045 0.06 Kilometers © Hereford & Worcester County Council 2013. All Rights Reserved. Ordnance Survey Licence 100019741.
Location (Grid Ref)	256164 303328

Environmental Assessment conducted by Liz Jones, Integrated Engineering NW

Date screened: 26/05/25

Environmental constraint / opportunity	Identified Receptor	Consent / assessments, which are <u>likely</u> to be required: (Delete as appropriate)	Project Manager to consult further with:
International and National Sites Network Designations (SAC, SPA, Ramsar)	Pen Llyn a'r Sarnau SAC	HRA agreed	HRA agreed and Assent (with conditions) issued June 2019 for previous works. See associated document:
Site of Special Scientific Interest (SSSI)	Broadwater SSSI	CRoW (SSSI) Assent - valid until 11th June 2029	20190611 SH50.1 Broadwater clearing accumulated shingle Assent HRA.pdf
SMP2	PolicyUnit = 10.18	Policy_100 = MR Policy_50 = MR* Policy_20 = HTL	*until a decision is made on when and/or how to realign coastal protection measures, NRW flood risk teams are obliged to continue to maintain flood defences
	PolicyUnit = 10.17	Policy_100 = HTL Policy_50 = HTL Policy_20 = HTL	
Waterbody	Estuary mouth/Coastal GB511006414900 – Dysynni OverallWB = Moderate Driving_Element = Mit_Assmnt GB621009600000 - Cardigan Bay North OverallWB = Moderate Driving_Element = Mercury;BDPE Calc Main river	WFD Assessment – both WBs screened in at Stage 1 and scoped out at Stage 2 FRAP – N/A Marine Licence – will be required Impoundment and Abstraction Permit – N/A	marinelicensing@cyfoethnaturiolcymru.gov.uk

Fisheries	Yes	Fish migratory route – salmon/trout, eel	Closed period 18 th October to 30 th May inclusive. Inform angling club prior to works start date.
Contaminated Land	No	None	
Public Right of Way	Yes	Public access to works – use banksman & signage	
Protected Species / Invasive Species	LERC Records check (12/05/25) revealed relevant records for: Otter Breeding/ground-nesting birds Reptiles	Otter Referred to within HRA/Assent – protective conditions set. Breeding birds Work will be carried out outside the main bird breeding season, ie between June and mid-October to coincide with the fish open season. Reptiles A walkover check for reptiles and any other wildlife should be carried out prior to commencement of works. Seek further ecological advice if wildlife concerns arise before/during works. Biosecurity measures will be used to help stop the spread of invasive non-native species, eg	

		use of pre-cleaned & dried machinery/equipment.	
Historic Environment (WAT to provide text)	Yes	Archaeological points within 100m, ie sea defence structure No Listed Buildings / no Scheduled Monuments	Proposal will not entail work to the sea defence. Consultation via marine licencing procedures.
Landscape	Yes	Dysynni Valley Historic Landscape	
NNR, LNR, Local Wildlife Site, Ancient Woodland, other designations.	No	N/A	
Is planning consent likely under the Town and Country Planning Regulations?	No		
Does the project fall under NRW Permitted Development Rights as per the Town and Country Planning (General Permitted development) Order?	No - maintenance works only.		
Enhancements / Multiple Benefits	Consider: • <i>Are there any opportunities for planting trees or shrubs?</i> • <i>Are there any opportunities for using green engineering or green infrastructure?</i>		

	• <i>Where associated with National Site Network (NSN) sites, can the project help deliver any actions required under the Prioritised Improvement Plans?</i> • <i>Can the project build in measures to slow the flow of water, consequently having flood risk and water quality benefits?</i> • <i>Where associated with water courses can the project help deliver WFD regulations benefits, for example bank naturalisation, treatment of Invasive Non Native Species, hydromorphological improvements?</i> • <i>If the project is in a heavily modified water body (HMWB), are there any opportunities to deliver any required mitigation measures (MM)?</i> • <i>Are there any opportunities to promote simple changes to land management to provide new or enhanced wildlife habitat, including food, shelter and nest sites for pollinators?</i> • <i>Are there any opportunities for habitat improvement or creation, paying particular attention to resilience (connectivity, diversity, condition) of habitats within or linked to the study area?</i> • <i>Are there any opportunities to reduce greenhouse gas emissions associated with the project (including procurement), e.g. substituting materials, reducing transport?</i> • <i>Are there any opportunities to protect or enhance habitats of importance for carbon storage?</i> • <i>Are there any opportunities for to improve protected species populations?</i> • <i>Are there any opportunities to improve fish habitat or passage?</i> • <i>Can recreational or access opportunities be delivered through your project, including active travel opportunities to connect communities and amenities?</i> • <i>Are there any opportunities for community engagement or education?</i> • <i>Collaborative opportunities with others to deliver wider well-being benefits – e.g. green gym; social enterprise?</i> • <i>For coastal structures, is there any opportunity to integrate marine ecostructures into the design?</i>
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Environmental Good Practice Guidance

The project manager should ensure that the contractor is aware of and complies with the following good practice (i.e. it is beneficial to include these specification within Works Information):

- Environment Good Practice on Site, 3rd Edition, 2010 (CIRIA). (on-line purchase / Library)
- Construction Industry Publication (CIP) Construction Environmental Manual. (on-line purchase / Library)
- Protecting the environment during forest operations. [Natural Resources Wales / Protect the environment during forest operations](#)
- Japanese knotweed: what you need to know. [Natural Resources Wales / Japanese knotweed: what you need to know](#)
- Natural Resources Wales's Environmental Policy Statement [Natural Resources Wales / Environmental policy statement \(cyfoethnaturiolcymru.gov.uk\)](#)
- Guidance for Pollution Prevention (Wales, Scotland and Northern Ireland). [Guidance for Pollution Prevention \(GPP\) documents | NetRegs | Environmental guidance for your business in Northern Ireland & Scotland](#)
- For an extensive and broader list of UK environmental guidance that is currently available see [Environmental management : detailed information - GOV.UK \(www.gov.uk\)](#)

Note: Consultation on Low Risk File notes is usually limited to the Welsh Archaeological Trusts, however the note will include recommendations for consulting certain teams, which must be followed up by the Project Manager or their advisors.