
From: Neil Duffield

Sent: 28 June 2021 15:38

To: Megan O'Mara

Subject: RE: NYM/2021/0291/FL E12034-41 nymnp re HRA 28-06-21

Hi Megan,

Following your email I did call Elspeth who was very helpful explaining the requirements before discussions with the clients.

Attached is a Construction Environmental Management Plan provided by the clients which has been supplemented with details of wildlife and vegetation which will hopefully help with the HRA.

If you have any queries regarding this please let me know.

Kind regards

Neil

Hawthorn Hill Cottage Environmental Management Plan

General Information

Activity: Renovation Works to Hawthorn Hill Cottage

Date: 23/06/21

1. Site Assessments & Designations

Hawthorn Hill Cottage is located to the North of Goathland Village on a South facing slope with agricultural grassland to the East, West and South. To the North lies the North York Moors SSSI measuring an area of 109,000 acres. This area was designated in 1998 for its high levels of biological and geological interests. Along with the SSSI designation the area to the North of Hawthorn Hill Cottage also has the following habitat types and species for which its protected:

- Special Area of Conservation.
- Special Protection Areas
- Wild Bird General Licence Protected Sites Condition Zone
- Scheduled Monuments
- Objective 2 Areas
- Priority Habitat Inventory – Upland Heathland
- Natura Sites
- National Habitat Inventory – There is a small parcel of land some 500m to the South of the site.
- Priority Species for Countryside Stewardship (CS) Targeting Lapwing.
- Important Bird Area (IBA)
- Concentrations of Seabirds to Oil Spills 1995
- Higher Level Stewardship Scheme

Although only Lapwing are classed as a priority species the moorland thrives with the following species:

- Curlew
- Red Grouse
- Partridge (red & grey legged)
- Golden Plover
- Skylark
- Kestrel
- Adder
- Barn Owl

The moorland to the North of Hawthorn Hill is rich with plant species including:

- Bilberry
- Bracken
- Nettles / Thistles (various)
- Speedwell
- Fox Glove
- Lousewort
- Stitchwort (Greater)
- Sheep Sorrel
- Heath Bedstraw
- Soft Rush
- Heather
- Sheeps Fescue
- Common Bent Grass
- Purple Moor Grass
- Tufted Hair Grass.

The moorland is grazed by sheep which keep the many track and gallops including the area immediately outside Hawthorn Hill Cottage well trimmed. The area outside the property which is identified on the plan as being affected by the proposed renovation works has been domesticated over the years and only grazed areas and stoned tracks are present within the proposed working area (on the plan below)

NYMNPA

16/07/2021

Hawthorn Hill Cottage Environmental Management Plan

Risk Assessment (Environmental)

SEVERITY	Severe	HIGH/MEDIUM/LOW	HIGH/MEDIUM	HIGH	HIGH
	Moderate	MEDIUM/LOW	MEDIUM/LOW	MEDIUM	HIGH
	Mild	LOW	LOW	LOW	MEDIUM/LOW
	Negligible	NEGLIGIBLE	NEGLIGIBLE	NEGLIGIBLE	NEGLIGIBLE
Risk Matrix (Defra guide)		Negligible	Low	Medium	High
PROBABILITY					

Environmental Aspect	Environmental Impact	Risk level	Control Measures	Residual risk
Run off from Construction Activities	Silt in the Watercourse	Medium	<ul style="list-style-type: none"> Any washing off of mixers and tools will be carried out on the South side of the house within the garden and will be done into a skip. 	Low
Trapped animals	Animals Distressed	Medium	<ul style="list-style-type: none"> Any excavations will be securely fenced Working area will be checked prior to starting work each day. 	Low
Fuel Spillage	Local Landscape	Medium	<ul style="list-style-type: none"> COSHH data sheets to be available Spill kits to be on site at all times Fuel will be bought to site as required to avoid storing on site. Designated fuelling area will be to the South side within the property boundary All plant and equipment will be hired from a reputable company who ensure all equipment is in good working order. 	Low
Noise	Noise Pollution	Medium	<ul style="list-style-type: none"> Limit plant operation working hours, to between 0700 and 17:30hrs Use silenced plant where possible Where possible use site power rather than generators. 	Low
Damage to Flora & Fauna on SSSI	Local Landscape	High	<ul style="list-style-type: none"> General material storage will be within the garden on the South side. Scaffolding will be kept to a minimum on the Northern elevation and the duration kept to a minimum The scaffolding on the Northern Elevation bordering the SSSI will be underslung with a debris netting to catch any material that may fall from the scaffold. This will be checked weekly and cleared if required. Outside the Northern Elevation coloured pegs will be knocked in to help ensure that the construction works are kept as confined as possible. (see map attached showing fence line) A fence is not suitable in this instance due to the sheep on the moor and the footpath that passes directly outside. The plan will be displayed on site to ensure all contractors are aware and informed. 	Low

Hawthorn Hill Cottage Environmental Management Plan

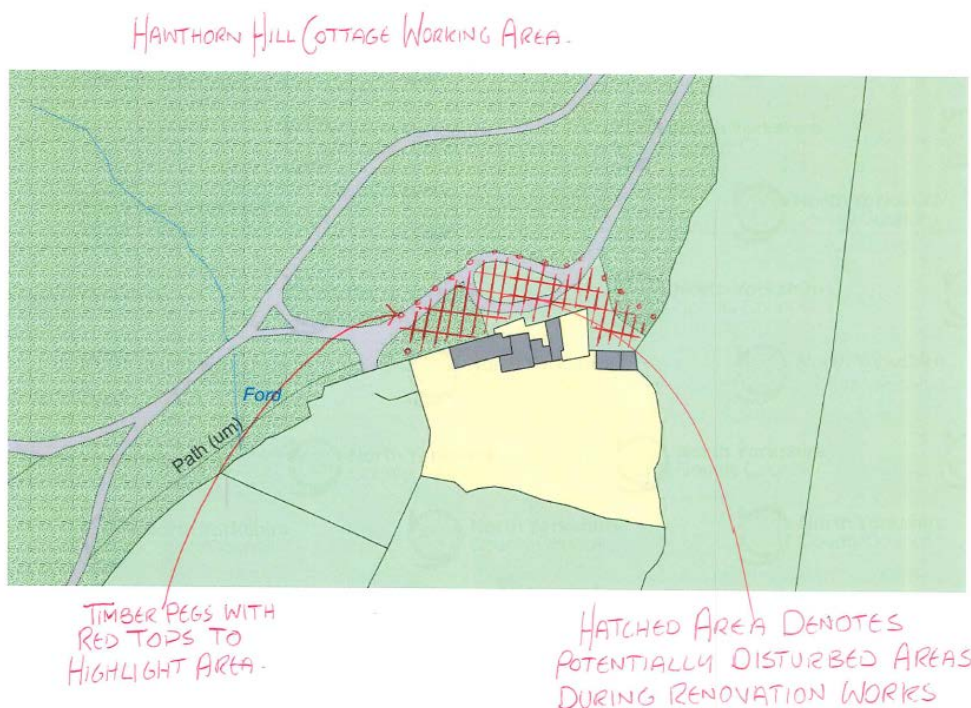
2. Approach / Methodology

- Before any building work starts timber pegs with a red top will be installed as per the attached plan. All building works will be carried out within these confines. This helps to keep the affected area down to a minimum. The plan will be displayed on site and all personnel briefed on their importance. (see in section 2)
- As some of the area outside the house is hard standing and a footpath it is well domesticated so works will be kept as much as possible to these areas.
- Skips will be required for removal of old and defective materials. This will be positioned on the hard standing
- The initial works are to strip out and remove the roofs so scaffolds will be required to provide a safe working area. The scaffold to the North Elevation will be underslung with a debris netting to help catch any materials that may fall. This will help to keep them from coming into contact with the ground. This netting will be checked weekly and cleared if required.



- Materials will be delivered and unloaded into the garden on the South side but depending on the vehicle size it may be initially dropped on the existing hardstanding to the Northern side and moved round with smaller vehicles. I would not want to compromise the sycamore tree by taking heavy vehicles too close if this can be avoided.
- Materials will be stored on wooden pallets so they would not be directly in contact with the ground.
- Fuel will only be bought to site as required. This reduces the threat of theft and spillage. When re fuelling is done a spill kit will be on site and a funnel will be used to ensure there are no spillages. A designated refuelling area will be set up within the garden area.
- When any pointing is carried out on the Northern elevation as previously mentioned the scaffold will be underslung with debris netting which is small enough to catch dropping mortar. If pointing is carried out from the ground a membrane will be placed on the ground to catch mortar. This will then be carefully rolled up and emptied into the skip once the task is complete.
- Concrete will be required on site. For the washout of the wagon a designated catch pit will be created within the garden which will be lined with visqueen to help contain.

3. Working Area Plan



Hawthorn Hill Cottage Environmental Management Plan

4. Environmental Aspect Register

Environmental Aspect Register				
Aspect	Impact	Risk Prior to Controls	controls	Risk After Controls
Plant/vehicle fuel	Fuel spills on environments and habitats can be catastrophic: they can kill plants and animals, disturb salinity/pH levels and pollute water courses	MEDIUM	Daily pre-start up checks on plant and machinery to identify any leaks. Identify any water courses, site drains, drainage systems and routes in the immediate vicinity of the site, then designate a re-fuelling area well away from these areas. A Spill kit will be kept in the refuelling area. Spill trays will be placed under plant and machinery when not in use.	LOW
Plant/vehicle Fume	Contains gases such as carbon dioxide that contribute to global climate change. Such gases trap heat in the atmosphere, creating a greenhouse effect that contributes to the warming of the Earth's atmosphere, causing widespread climate change.	MEDIUM	Ensure plant and vehicles are well maintained or hired with appropriate certification Turn off Plant and vehicles when not in use.	LOW
Building materials such as cement	Impact on the surrounding acidic, low nutrient habitat	MEDIUM	Materials such as cement will be stored on palettes and in-turn will be placed on sheeting to enable their complete removal at the conclusion of the works. Materials will be stored within the garden area where possible.	LOW
Light pollution	Light impact to local residents and local wildlife.	MEDIUM	Minimal impact due to work being carried out during the hours of 8am to 5pm	LOW
Noise pollution	Noise impact to local residents and local wildlife.	MEDIUM	Minimal impact due to work being carried out during the hours of 8am to 5pm	LOW
Car parking	Ground & water pollution caused by spillages and releases from poorly maintained vehicles.	MEDIUM	All vehicles are subject to regular inspection & maintenance. Designated parking areas are identified for considerate and safe parking.	LOW