

Surface Water and Drainage Management Plan

Project:	New House Farm
Site Address:	Station Road, Drigg, Holmrook, Cumbria, CA19 1XG What Three Words - ///glows.drooling.splashes



ersion	Detail	Date of Issue	Prepared By
1	Initial Submission	24 th January 2025	Tracy Marsh


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1.0 Introduction

This surface water and Drainage Management Plan has been prepared to provide a strategy to manage surface water and drainage protection that may occur across the site. This is intended as a working/live document to be reviewed and amended as the site progresses and will be updated as required.

2.0 Site Details

General Description	
<p>Pre-Construction Description</p>	<p>The Farm House Stone Barn Workshop Piggery Concrete Structure</p>  <p>The map shows the New House Farm site highlighted in yellow. The surrounding area includes fields, roads, and some buildings. A legend in the top right corner identifies 'Drigg & Carleton Village Hall' and 'New House Farm'. A scale bar at the bottom right indicates 400 m. The text 'Google Earth' is visible in the bottom left corner of the map area.</p>
<p>Surrounding Areas</p>	<p>The site is in a remote coastal / rural area in Drigg. The adjacent and nearby land uses are Farmland, Woodland and Residential Properties.</p>



Topography	<p>To be completed, graded and lined in with the existing landscaping with the surrounding topography of the area ensuring no acute angles.</p>
Surrounding Areas	<p>Ponds and water courses around the local area include:</p> <ul style="list-style-type: none"> 560m away from the river Irk. 490m away from water source 98m from a small water pond Water course near the perimeter of the site boundary. <p>The river Irk is approximately 560m to the Southeast of New House Farm. There is a small stream/water course 490m to the Northwest and a small tarn/pond around 98m to the Northeast.</p>

3.0 Flood Risk



Flood map for planning

Your reference
<Unspecified>

Location (easting/northing)
306576/499025

Created
27 Jan 2025 14:55

Your selected location is in flood zone 1, an area with a low probability of flooding.

You will need to do a flood risk assessment if your site is **any of the following**:

- bigger than 1 hectare (ha)
- In an area with critical drainage problems as notified by the Environment Agency
- identified as being at increased flood risk in future by the local authority's strategic flood risk assessment
- at risk from other sources of flooding (such as surface water or reservoirs) and its development would increase the vulnerability of its use (such as constructing an office on an undeveloped site or converting a shop to a dwelling)

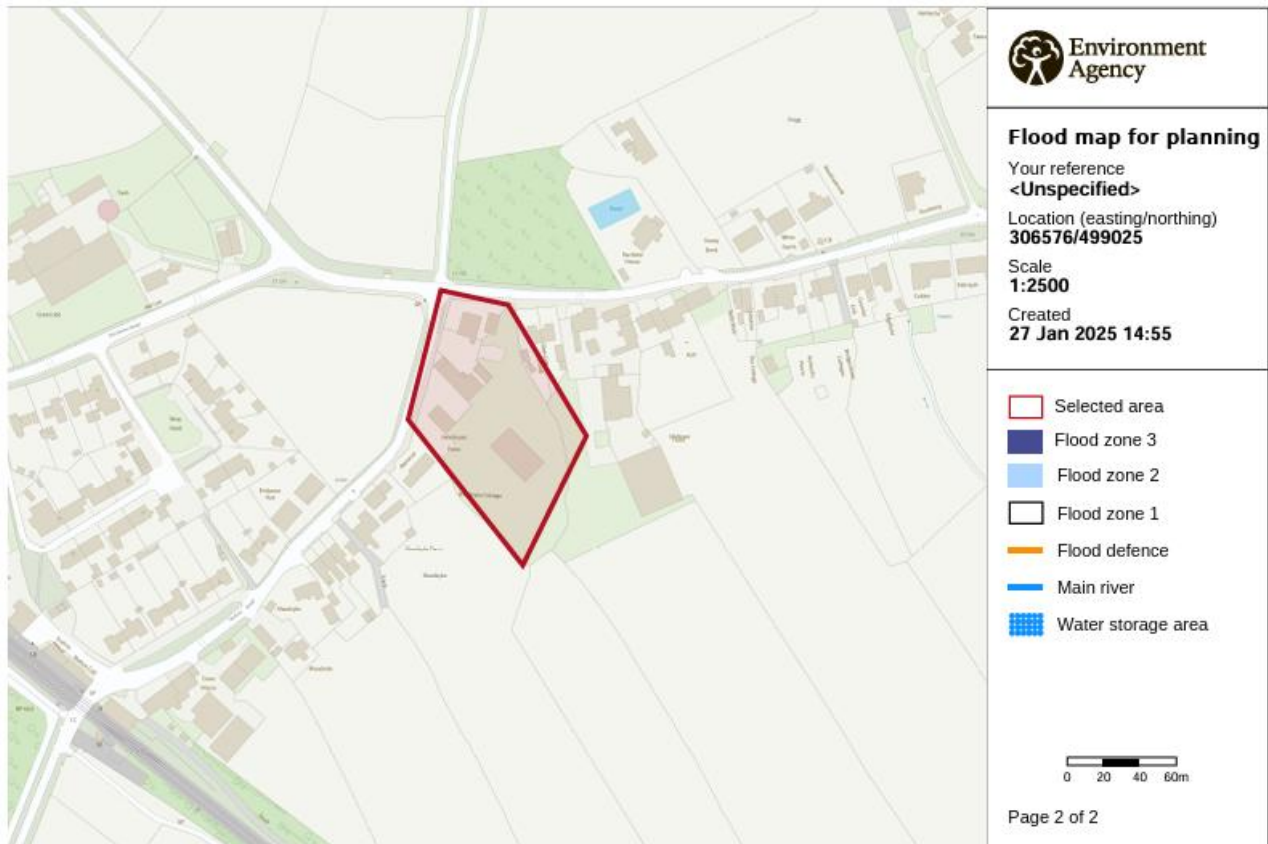
Notes

The flood map for planning shows river and sea flooding data only. It doesn't include other sources of flooding. It is for use in development planning and flood risk assessments.

This information relates to the selected location and is not specific to any property within it. The map is updated regularly and is correct at the time of printing.

Flood risk data is covered by the Open Government Licence **which** sets out the terms and conditions for using government data. <https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/>

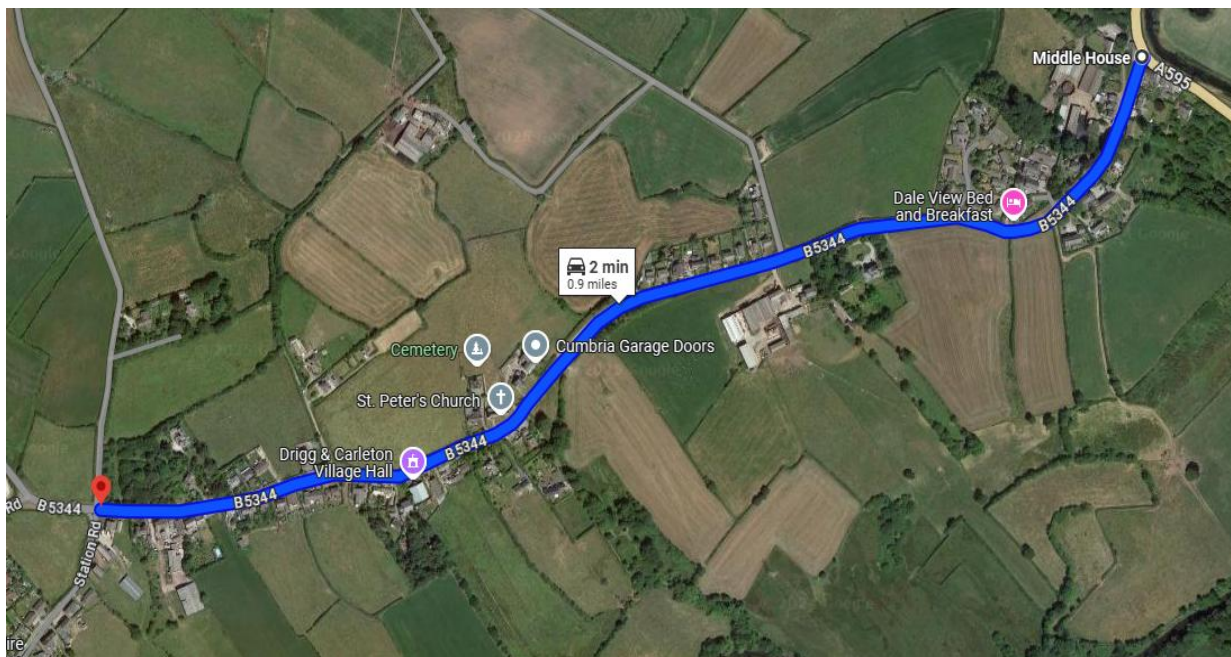
Use of the address and mapping data is subject to Ordnance Survey public viewing terms under Crown copyright and database rights 2024 OS AC0000807064. <https://flood-map-for-planning.service.gov.uk/os-terms>



4.0 Site Plan Layout / Vehicle Access Routes



Access Route



5.0 Surface Water Control Measures

The following measures are to be implemented to increase awareness and ensure surface water management activities are detailed in site documentation.

- Ingenorth Contracting Ltd will consider silt minimisation and management within our RAMS for the works.
- Detailed site-based awareness training (Toolbox Talk) on surface water and silt management issues to be provided for all site operatives.
- A section relating to silt minimisation and protection to be included within the site induction.
- Daily site surface water checks to be undertaken throughout the project.

6.0 Control Measures throughout site works

- Provision of a wheel wash at the site exit to prevent silt being transferred on the highway.
- Positioning of stockpiled hardcore and waste to be located within designated area away from receptors.
- As much as is reasonably practicable, minimising the movement of plant and other traffic in unsurfaced areas.
- Early installation of Bog Mats / Cover Plates to be used to protect drains and unsurfaced areas as much as possible.
- Good housekeeping of the site with organised storage and waste materials moved frequently.
- Avoid excessive tracking or washing out next to any drains / gullies.

7.0 Monitoring Procedures and Records

The following monitoring procedures will be carried out on a daily basis by the Site Manager to enable continuous review of the control measures listed in (6.0) above. A record of the effectiveness of the system will be maintained to enable further review by any parties attending site:

- Inspection of all gullies and drains to be monitored for silty run off entering the drainage network.
- Monitoring the conditions on site and the identified receptors on a daily basis especially during periods of particularly heavy rainfall. This will assist in identifying any changes required.
- Keeping a photographic log and a site inspection on a weekly basis.
- Monitoring records to be reviewed by site observations and use of the checklist and updated as and when required to reflect any changes to site conditions and operations.