



**CONTAMINATION REPORT
PRELIMINARY RISK ASSESSMENT
PHASE 1 - DESK STUDY & SITE INSPECTION**

Job No. 2487

**Conversion of Barn to Dwelling
Dux Farm
Derril
Pyworthy
Devon
EX22 6XZ**

Grid Ref: 229736 103239

Client: S Foote

March 2022

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TERMS & CONDITIONS OF INVESTIGATION & REPORTING

DRAWINGS

Location & Site Plans 0324-01 - GW Architects Ltd (June 2021)

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Table 1 Preliminary Conceptual Site Model

PHOTOGRAPHS

Site Photographs

APPENDIX A

Groundsure Environmental Report

APPENDIX B

Risk Assessment Matrix

1.0 INTRODUCTION

This report details a Preliminary Risk Assessment comprising a Phase 1 Desk Study Contamination Report and site inspection for the barn and surrounding area covered by drawing 0324-01.

The site is located in Derrill in north Devon. This Phase 1 Desk Study report was commissioned by the client /developer in March 2022. The report is required for planning purposes for Torridge District Council. The site area covers 0.18 hectares.

2.0 OBJECTIVE & LIMITATIONS

The report objective is to undertake a Preliminary Risk Assessment comprising a Phase 1 Desk Study and site inspection to assess the likelihood of contamination on site associated with its previous uses. Off site sources are also considered to assess the potential for harm to site receptors. On site issues refer specifically within the site boundary and off site uses are areas beyond the site boundary.

Only the environmental aspects listed in the contents are covered under the scope of this report. Specialist risk assessments for Asbestos, Radon and other ground gases, Unexploded Ordnance, Invasive Species and other Geotechnical aspects are not covered, as these are the subjects of separate risk assessments where required. Naturally occurring geological background soil concentrations are only investigated if a significant risk of contamination exists on the site requiring further investigation.

This report accords with the relevant principles of BS10175:2011 + A2:2017, Environment Agency LCRM Guidance:2019 which supersedes previous Environment Agency guidance CLR11, CIRIA C552 and conducted in accordance with UK current guidance on the assessment of contaminated land. This report will be provided in digital format to aid transmission. Paper copies of this report can be provided at cost.

3.0 SITE PROPOSAL

The proposal for the site is for conversion of the existing barn to a dwelling - refer to Drawing. The proposal includes amenity space to the east of the barn which is likely to include hard surfaced patio and garden areas and new trees. The existing site access to the south of the barn will be improved to include new driveway with parking and turning area. There will be a new package sewage treatment plant to replace the existing septic tank and surface water will drain to a soakaway all to the north of the barn.

4.0 ENVIRONMENTAL DATA REPORT

The Groundsure Report (**Appendix A**) indicates a variety of environmental issues as listed in the following summary that could potentially influence the site. Any significant on site uses are detailed below. Off site uses to a 50m distance from the site boundary are considered appropriate as proportionate to the size and nature of the proposed site. Any other significant entries from 50m to 250m are also indicated.

Contamination Sources

Aerial photographs dating back 20 years indicated in the Groundsure Report confirm the barn on the site constructed circa 2006 which is surrounded by farmland to the east, north and west, with access road from the south of the site.

The Groundsure report indicates any significant historical or current potentially contaminative land uses on or within 50m of the site.

There are no recorded pollution incidents on or within 200m of the site.

The site is not determined at Contaminated land under part 2a of the Environmental Protection Act 1990.

Contamination Pathways & Receptors

Human Health;

The proposed residential use of the site is considered as a sensitive end-use receptor.

Geology;

Underlying superficial deposits are absent.

Underlying bedrock is mudstone, siltstone and sandstone.

Hydrogeology;

The bedrock aquifer under the site is Secondary A of medium vulnerability.

Groundwater;

No water abstractions or Source Protection Zones (SPZ) are listed under the site or within 1000m.

Surface Waters;

The nearest watercourse is listed at 195m south east.

Eco-receptors;

The site lies within a Site of Special Scientific Interest (SSSI) Impact zone, however the nature of the proposed development does not require consultation in this respect.

Visual and cultural receptors;

None listed

Agricultural designations;

The agricultural land classification on site is grade 3 – good to moderate quality agricultural land.

5.0 SITE INSPECTION

On site

The site walkover was carried out on 19th March 2022 in conjunction with both the previous owner and current and purchaser/developer. The previous owner/farmer has owned the site since 1996 and constructed the barn for his own agricultural storage use associated with his sheep farm which grazed the surrounding fields, it was confirmed that no animals had occupied the barn. The barn has a solid concrete floor throughout with a concrete lined inspection pit which was installed by the client but never actually used.

The fenced area around the barn was also in domestic related use and included a polytunnel for vegetables and various shed structures now delapidated with only remnants now evident and these were used for his personal/ hobby use only. There was evidence of a former small bonfire area in the centre of the site.

The owner confirmed that to their knowledge, no chemicals or any potentially contaminative waste materials have ever been stored on the site and none were evident during the walkover.

Off site

No significant offsite uses were identified. Fields only.

6.0 POTENTIAL CONTAMINANTS

While there are no Department of Environment (DoE) Industry Profiles directly specific to the uses on the proposed site, all significant on site and off site sources of contamination are considered in the Conceptual Site Model (CSM) (Table 1).

7.0 PRELIMINARY CONCEPTUAL SITE MODEL

The Conceptual Site Model (CSM) presented in a tabular format (**Table 1**) summarises potential on site and off site sources of contamination as identified from the Desk Study research, GroundSure Data and Site Inspection.

The CSM identifies and establishes the role of potentially contaminating sources, any pathways by which these sources may migrate and identifies potential receptors which may be affected by a source through a migration pathway.

A source may be present on site or off site, may be a localised hotspot or be more widespread in occurrence. A pathway is a route that allows the contaminant source to reach a receptor such as direct exposure from dermal contact, inhalation or ingestion with respect to human health or leaching into a watercourse or groundwater body through the soil. Types of receptor could include materials, people, services or crops. All three elements of the pollutant linkage chain i.e. source, pathway and receptor (S-P-R) must exist for a linkage to exist. Linkages can be broken by removing or intervening at any of these stages.

Based on any S-P-R linkage identified, an initial generic level of contamination 'risk' is provided which is based on the 'consequence' or severity of any contamination event occurring and the 'probability' or likelihood that a contamination event would occur. A detailed assessment of specific

contaminants associated with the identified sources is not provided at this initial stage unless a pollutant linkage is considered as 'likely'.

8.0 SUMMARY

The Conceptual Site Model indicates potential sources of contamination on the site but no pollutant linkage chain and therefore the site is considered to pose a 'NEGLIGIBLE' (very low) level of risk to all receptors.

All debris materials and bonfire remnants should be removed from the site during development.

If during groundworks for any new foundations, services or drainage any unusual ground conditions are encountered, they should be reported to a competent person for further inspection and assessment.

All proposed garden areas should have a minimum of 300mm inert subsoil and topsoil to encourage growth and protect garden users.

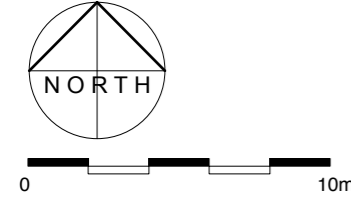
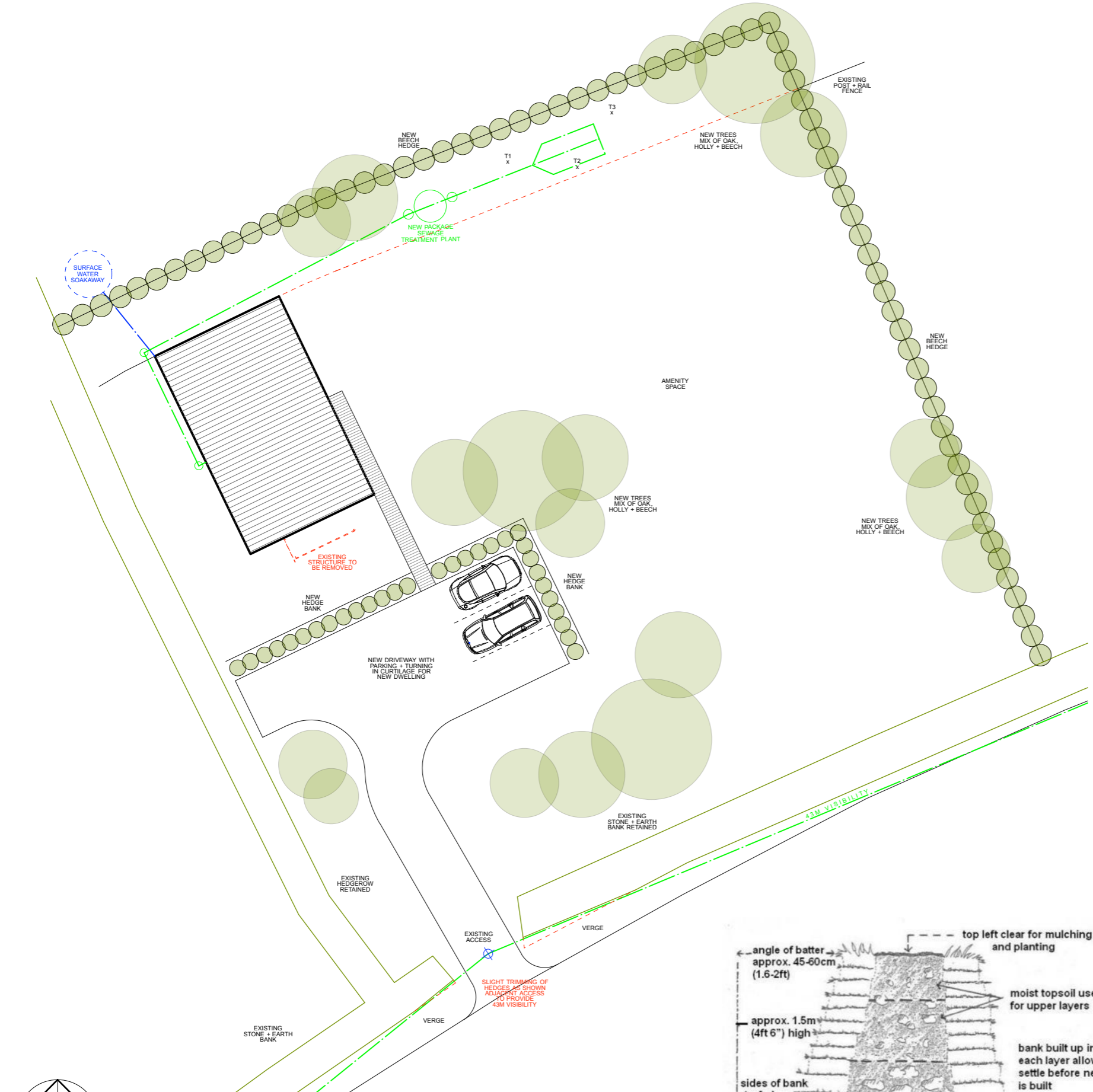
Report prepared by:-

K. Spry – Chartered Consultant.....*K Spry*.....
B .Sc (Hons), MCIWEM, C.WEM
Spry Environmental

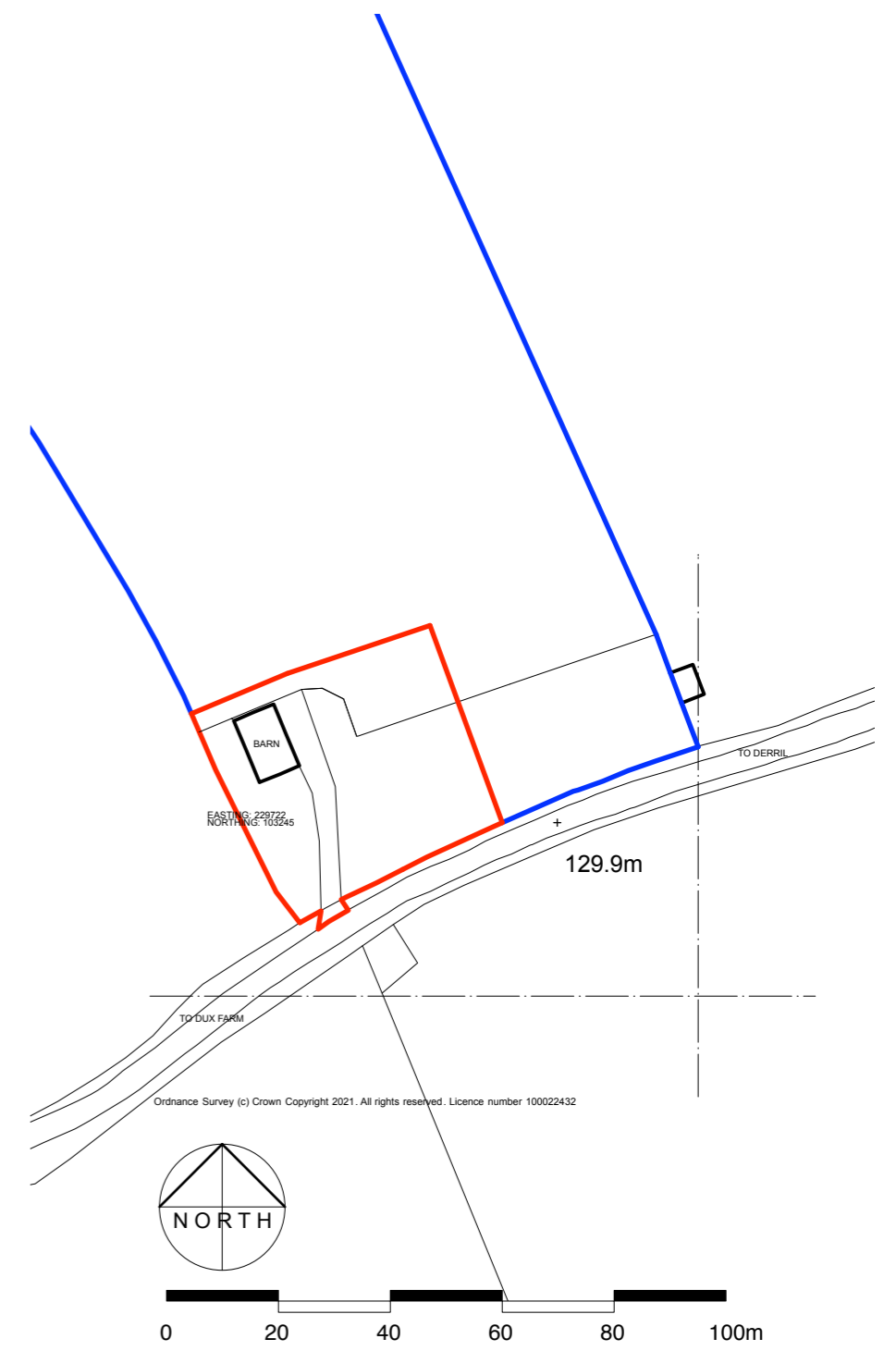
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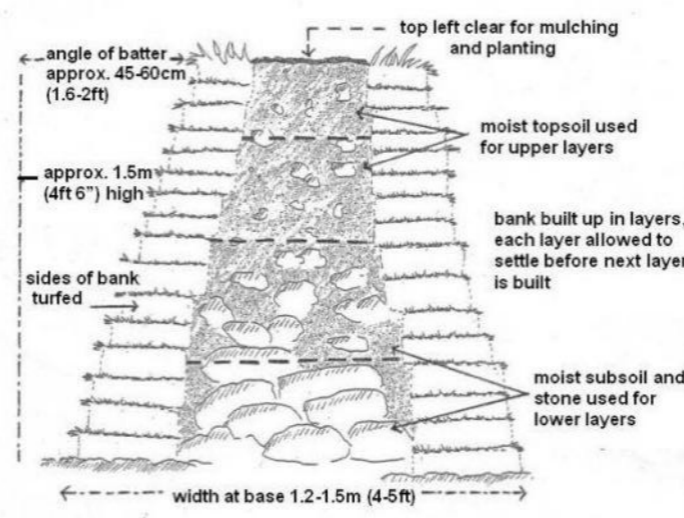
DRAWINGS



SITE PLAN 1:250



LOCATION PLAN 1:1250



HEDGEBANK TYPICAL SECTION
(NOT TO SCALE)

SPECIFICATION FOR NEW HEDGES:

TRADITIONAL NATIVE HEDGE MIX PLANTED AS A DOUBLE ROW (5-7 PLANTS PER METRE) PLANTED BETWEEN NOVEMBER AND APRIL AS 50% HAWTHORN, 25% BLACKTHORN, 10% FIELD MAPLE, 5% DOG ROSE, 5% HAZEL AND 5% OAK.

NEW HEDGEROW PLANTS WILL BE SUPPLIED WITH A CANE SUPPORT AND SPIRAL GUARD TO PROTECT FROM DEER/RABBIT/RODENT DAMAGE. GROUND BENEATH THE GROWING HEDGE PLANTS WILL BE KEPT WEED FREE FOR A MINIMUM PERIOD OF THREE YEARS, AND THE PLANTS WILL BE KEPT WATERED DURING THIS PERIOD. CANES AND GUARDS WILL BE REMOVED ONCE PLANTS ARE ESTABLISHED (USUALLY THREE YEARS AFTER PLANTING). ANY PLANTS THAT DIE OR FAIL TO THRIVE WITHIN THE FIRST FIVE YEARS WILL BE REPLACED WITH THE SAME SPECIES UNLESS OTHERWISE AGREED IN WRITING WITH THE LPA.

ALL NEW PLANTING (INCLUDING PROPOSED HEDGEROWS) WILL BE UNDERTAKEN IN THE FIRST PLANTING SEASON (NOVEMBER-MARCH) FOLLOWING THE REASONABLE COMPLETION OF THE DEVELOPMENT.

CONTRACTORS TO CHECK ALL DIMENSIONS ON SITE BEFORE FABRICATION AND REPORT ANY DISCREPANCIES BEFORE PROCEEDING. REPRODUCTION OF THESE DRAWINGS IS STRICTLY PROHIBITED WITHOUT CONSENT FROM GW ARCHITECTS LTD

CLIENT
Mr COLE A3

PROJECT
BARN AT DUX
Bridgerule
Holsworthy
Devon
EX22 6XZ

DRAWING TITLE
CONVERSION OF BARN TO DWELLING
Location + Site Plans

SCALE As Shown	DATE June 2021	STAGE Planning
JOB AND DRAWING NUMBER 0324 - 01	REVISION	

GW ARCHITECTS LTD
LADFORD MILL SHEBBEAR DEVON EX21 5QY
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TABLES

TABLE 1

PRELIMINARY SITE CONCEPTUAL MODEL (CSM)

Potential Current & Historic Sources	Potential Current & Historic Sources	Pathway	Receptor	Pollutant Linkage Assessment	Probability / Severity of Pollutant Linkage ON SITE (RISK LEVEL)	Further Action
ON SITE Use	<p>CURRENT - Redundant agricultural storage barn, recent surrounding land use for polytunnel & sheds only, evidence of former small bonfire</p> <p>HISTORIC - barn constructed 2006 for agricultural storage associated with sheep farm - inert materials only</p>	<p>Inhalation/Ingestion/ Dermal Contact</p> <p>Vertical & Lateral Percolation of mobile contaminants</p> <p>Gas migration of volatile hydrocarbons & hazardous gases</p> <p>Direct contact & uptake by plants/vegetables</p> <p>Migration of contaminants affecting land and buildings</p>	<p>Human Health - residents/garden users & construction workers</p> <p>Groundwater - Secondary A Aquifer with medium vulnerability No Groundwater Source Protection Zones . No water abstractions. No recorded pollution incidents. No contaminated land listings.</p> <p>Surface Waters - nearest watercourse is 195m south-east of the site</p> <p>Buildings & Services (new service routes and drainage proposed)</p> <p>Environmental, Agricultural sites, Habitats, Cultural receptors -No local receptors of significance identified.</p>	<p>Solid concrete floor throughout barn , maintenance pit constructed by client but client confirmed never actually ever used</p> <p>Client confirmed no significant oils or chemicals stored on site</p>	<p>Minor/Unlikely NEGLIGIBLE (very low)</p>	<p>If during groundworks for foundations, services or drainage, any unusual ground conditions or contamination is encountered, it should be reported to a competent person for further inspection and assessment.</p> <p>Bonfire remnants to be removed from site</p> <p>Topsoil to be added to garden areas where none is found to exist</p> <p>Concrete inspection puit to be infilled with inert materials only</p>
OFF SITE Use	<p>None of significance</p>	<p>Inhalation/Ingestion/ Dermal Contact</p> <p>Vertical & Lateral Percolation of mobile contaminants</p> <p>Gas migration of volatile hydrocarbons & hazardous gases</p> <p>Direct contact & uptake by plants/vegetables</p> <p>Migration of contaminants affecting land and buildings</p>	<p>Human Health - residents/garden users & construction workers</p> <p>Groundwater - Secondary A Aquifer with medium vulnerability No Groundwater Source Protection Zones . No water abstractions. No recorded pollution incidents. No contaminated land listings.</p> <p>Surface Waters - nearest watercourse is 195m south-east of the site</p> <p>Buildings & Services (new service routes and drainage proposed)</p> <p>Environmental, Agricultural sites, Habitats, Cultural receptors -No local receptors of significance identified.</p>	<p>none known</p>	<p>Minor/Unlikely (NEGLIGIBLE (very low)</p>	<p>n/a</p>

PHOTOGRAPHS



view NE across site



view SE across site



west elevation of barn



inside north area of barn



concrete lined inspection pit



south section of barn



north site boundary



view to east

APPENDIX A

BARN AT DUX FARM, DERRIL, PYWORTHY, EX22 6XZ

Order Details

Date: 17/03/2022
Your ref: 2487
Our Ref: GS-8604753
Client: Kate Spry

Site Details

Location: 229736 103239
Area: 0.18 ha
Authority: [Torridge District Council](#)



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Summary of findings

p. 2

Aerial image

p. 6

OS MasterMap site plan

p.11

groundsure.com/insightuserguide

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
12	1.1	<u>Historical industrial land uses</u>	0	0	2	1	-
13	1.2	Historical tanks	0	0	0	0	-
13	1.3	Historical energy features	0	0	0	0	-
13	1.4	Historical petrol stations	0	0	0	0	-
14	1.5	Historical garages	0	0	0	0	-
14	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
15	2.1	<u>Historical industrial land uses</u>	0	0	2	1	-
16	2.2	Historical tanks	0	0	0	0	-
16	2.3	Historical energy features	0	0	0	0	-
16	2.4	Historical petrol stations	0	0	0	0	-
16	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
17	3.1	Active or recent landfill	0	0	0	0	-
17	3.2	Historical landfill (BGS records)	0	0	0	0	-
18	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
18	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
18	3.5	Historical waste sites	0	0	0	0	-
18	3.6	Licensed waste sites	0	0	0	0	-
18	3.7	<u>Waste exemptions</u>	0	0	0	10	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
20	4.1	<u>Recent industrial land uses</u>	0	0	1	-	-
21	4.2	Current or recent petrol stations	0	0	0	0	-
21	4.3	Electricity cables	0	0	0	0	-
21	4.4	Gas pipelines	0	0	0	0	-
21	4.5	Sites determined as Contaminated Land	0	0	0	0	-



21	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
22	4.7	Regulated explosive sites	0	0	0	0	-
22	4.8	Hazardous substance storage/usage	0	0	0	0	-
22	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
22	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
22	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
23	4.12	Radioactive Substance Authorisations	0	0	0	0	-
23	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	0	10	-
24	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
25	4.15	Pollutant release to public sewer	0	0	0	0	-
25	4.16	List 1 Dangerous Substances	0	0	0	0	-
25	4.17	List 2 Dangerous Substances	0	0	0	0	-
25	4.18	Pollution Incidents (EA/NRW)	0	0	0	0	-
25	4.19	Pollution inventory substances	0	0	0	0	-
26	4.20	Pollution inventory waste transfers	0	0	0	0	-
26	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Geology (basic)					
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27	5.1	<u>Superficial geology (625k)</u>	Identified (within 500m)				
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27	5.2	<u>Bedrock geology (625k)</u>	Identified (within 500m)				
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Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
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28	6.1	<u>Superficial aquifer</u>	Identified (within 500m)				
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30	6.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
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32	6.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
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33	6.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
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33	6.5	Groundwater vulnerability- local information	None (within 0m)				
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34	6.6	<u>Groundwater abstractions</u>	0	0	0	0	8
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36	6.7	Surface water abstractions	0	0	0	0	0
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37	6.8	<u>Potable abstractions</u>	0	0	0	0	1
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37	6.9	Source Protection Zones	0	0	0	0	-
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37	6.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
38	7.1	<u>Water Network (OS MasterMap)</u>	0	0	2	-	-
39	7.2	<u>Surface water features</u>	0	0	3	-	-
39	7.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
39	7.4	<u>WFD Surface water bodies</u>	0	0	1	-	-
40	7.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
41	8.1	Risk of flooding from rivers and the sea	None (within 50m)				
41	8.2	Historical Flood Events	0	0	0	-	-
41	8.3	Flood Defences	0	0	0	-	-
42	8.4	Areas Benefiting from Flood Defences	0	0	0	-	-
42	8.5	Flood Storage Areas	0	0	0	-	-
43	8.6	Flood Zone 2	None (within 50m)				
43	8.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
44	9.1	Surface water flooding	Negligible (within 50m)				
Page	Section	Groundwater flooding					
45	10.1	<u>Groundwater flooding</u>	Negligible (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
46	11.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
46	11.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
46	11.3	Special Areas of Conservation (SAC)	0	0	0	0	0
46	11.4	Special Protection Areas (SPA)	0	0	0	0	0
47	11.5	National Nature Reserves (NNR)	0	0	0	0	0
47	11.6	Local Nature Reserves (LNR)	0	0	0	0	0
47	11.7	Designated Ancient Woodland	0	0	0	0	0
47	11.8	Biosphere Reserves	0	0	0	0	0
48	11.9	Forest Parks	0	0	0	0	0



48	11.10	Marine Conservation Zones	0	0	0	0	0
48	11.11	Green Belt	0	0	0	0	0
48	11.12	Proposed Ramsar sites	0	0	0	0	0
48	11.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
49	11.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
49	11.15	Nitrate Sensitive Areas	0	0	0	0	0
49	11.16	Nitrate Vulnerable Zones	0	0	0	0	0
50	11.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
51	11.18	SSSI Units	0	0	0	0	0

Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
52	12.1	World Heritage Sites	0	0	0	-	-
52	12.2	Area of Outstanding Natural Beauty	0	0	0	-	-
52	12.3	National Parks	0	0	0	-	-
52	12.4	Listed Buildings	0	0	0	-	-
53	12.5	Conservation Areas	0	0	0	-	-
53	12.6	Scheduled Ancient Monuments	0	0	0	-	-
53	12.7	Registered Parks and Gardens	0	0	0	-	-

Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
54	13.1	<u>Agricultural Land Classification</u>	Grade 4 (within 250m)				
55	13.2	Open Access Land	0	0	0	-	-
55	13.3	Tree Felling Licences	0	0	0	-	-
55	13.4	<u>Environmental Stewardship Schemes</u>	0	0	1	-	-
56	13.5	<u>Countryside Stewardship Schemes</u>	0	1	2	-	-

Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
57	14.1	<u>Priority Habitat Inventory</u>	0	0	6	-	-
58	14.2	Habitat Networks	0	0	0	-	-
58	14.3	Open Mosaic Habitat	0	0	0	-	-
58	14.4	Limestone Pavement Orders	0	0	0	-	-



Recent aerial photograph

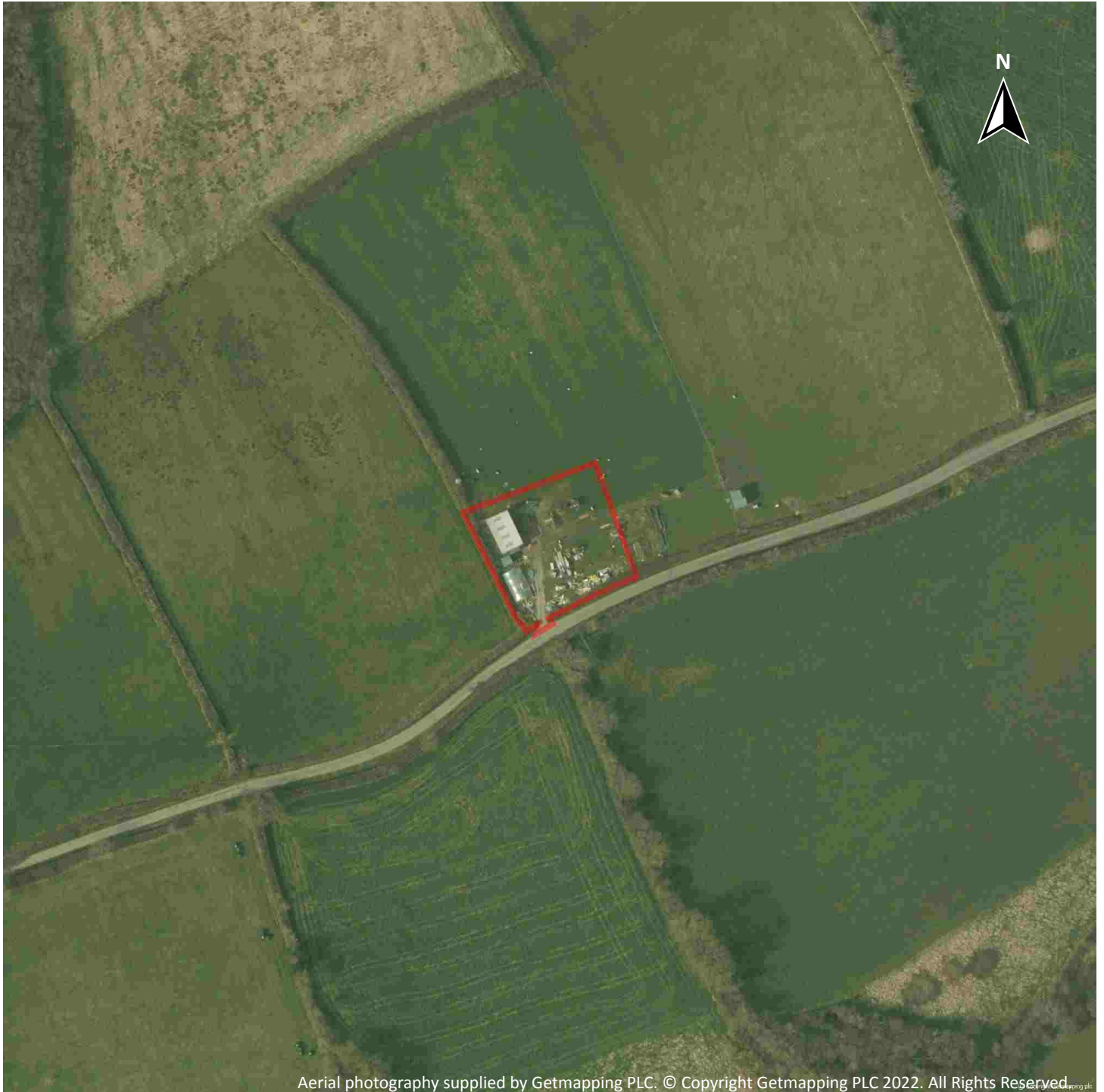


Capture Date: 23/05/2018

Site Area: 0.18ha



Recent site history - 2015 aerial photograph



Capture Date: 08/04/2015

Site Area: 0.18ha



Recent site history - 2013 aerial photograph



Capture Date: 08/06/2013

Site Area: 0.18ha



Recent site history - 2006 aerial photograph



Capture Date: 01/06/2006

Site Area: 0.18ha



Recent site history - 1999 aerial photograph



Capture Date: 24/07/1999

Site Area: 0.18ha

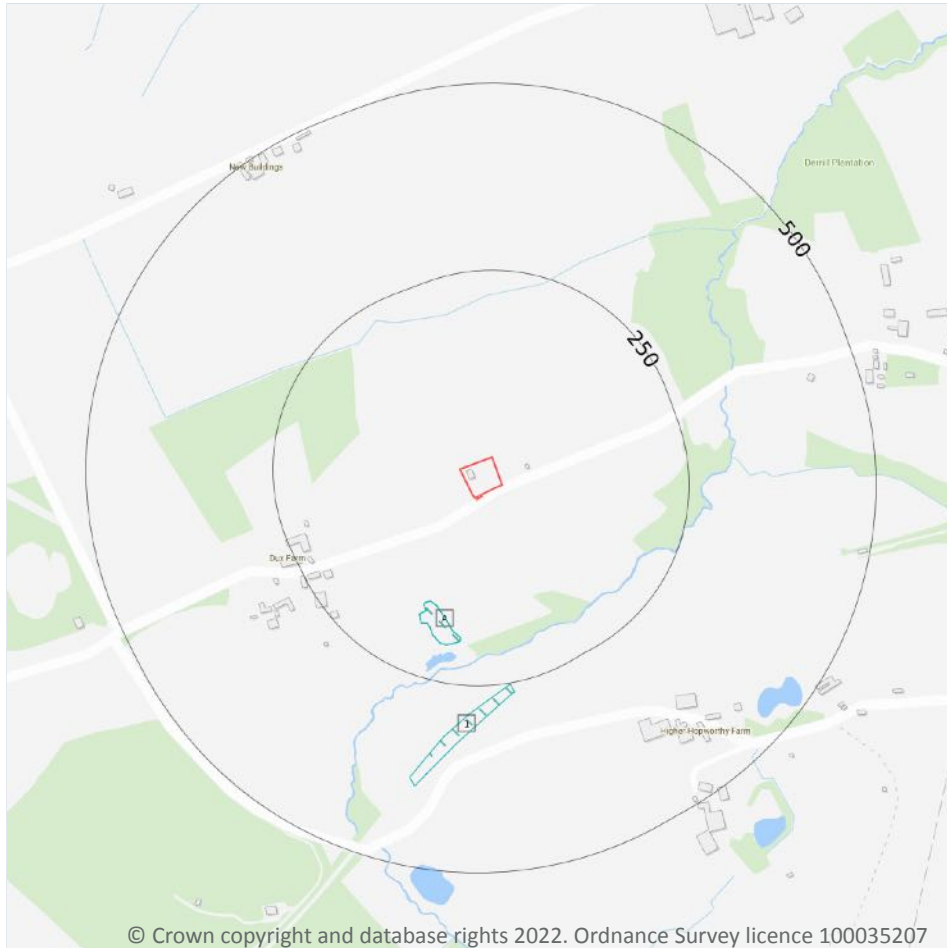



OS MasterMap site plan



Site Area: 0.18ha

1 Past land use



- Site Outline
- Search buffers in metres (m)
-  Historical industrial land uses

1.1 Historical industrial land uses

Records within 500m

3

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 12**

ID	Location	Land use	Dates present	Group ID
A	150m SW	Unspecified Quarry	1883	324364

ID	Location	Land use	Dates present	Group ID
A	150m SW	Unspecified Old Quarry	1907	329454
1	252m S	Cuttings	1907	336723

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

0

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.



1.5 Historical garages

Records within 500m

0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

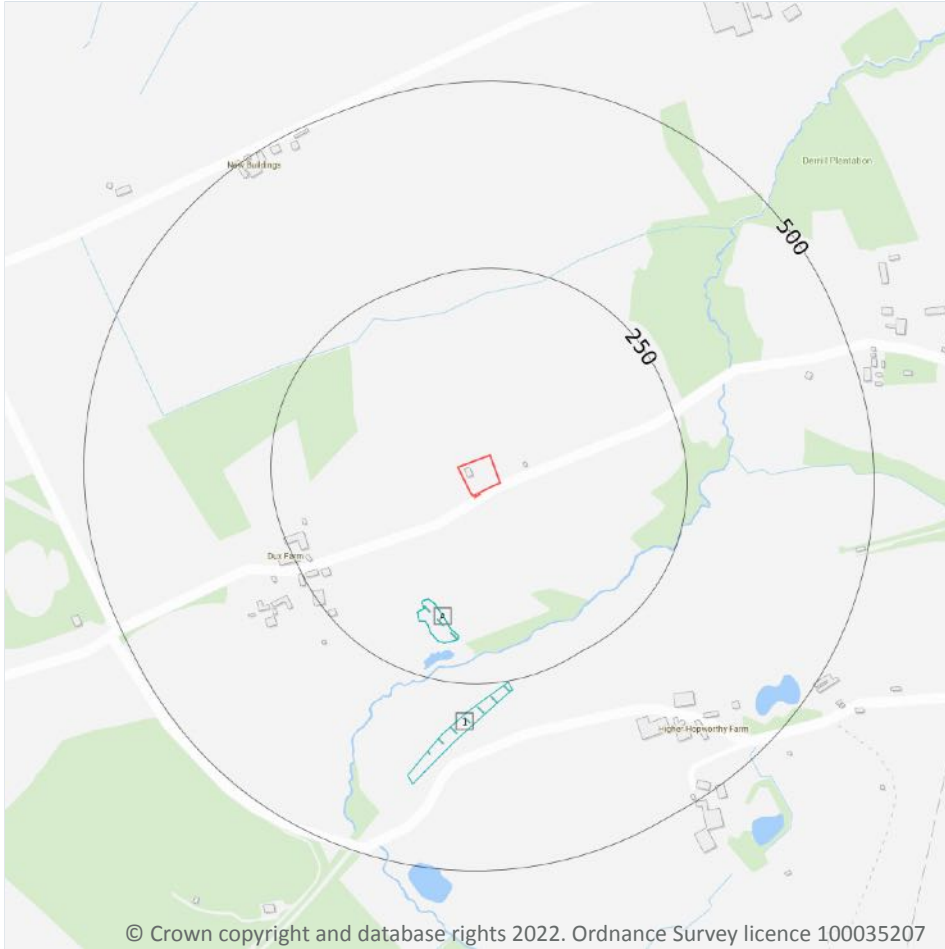
0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.




2 Past land use - un-grouped



— Site Outline

Search buffers in metres (m)

 Historical industrial land uses

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2.1 Historical industrial land uses

Records within 500m

3

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 15**

ID	Location	Land Use	Date	Group ID
A	150m SW	Unspecified Quarry	1883	324364
A	150m SW	Unspecified Old Quarry	1907	329454
1	252m S	Cuttings	1907	336723

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

0

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

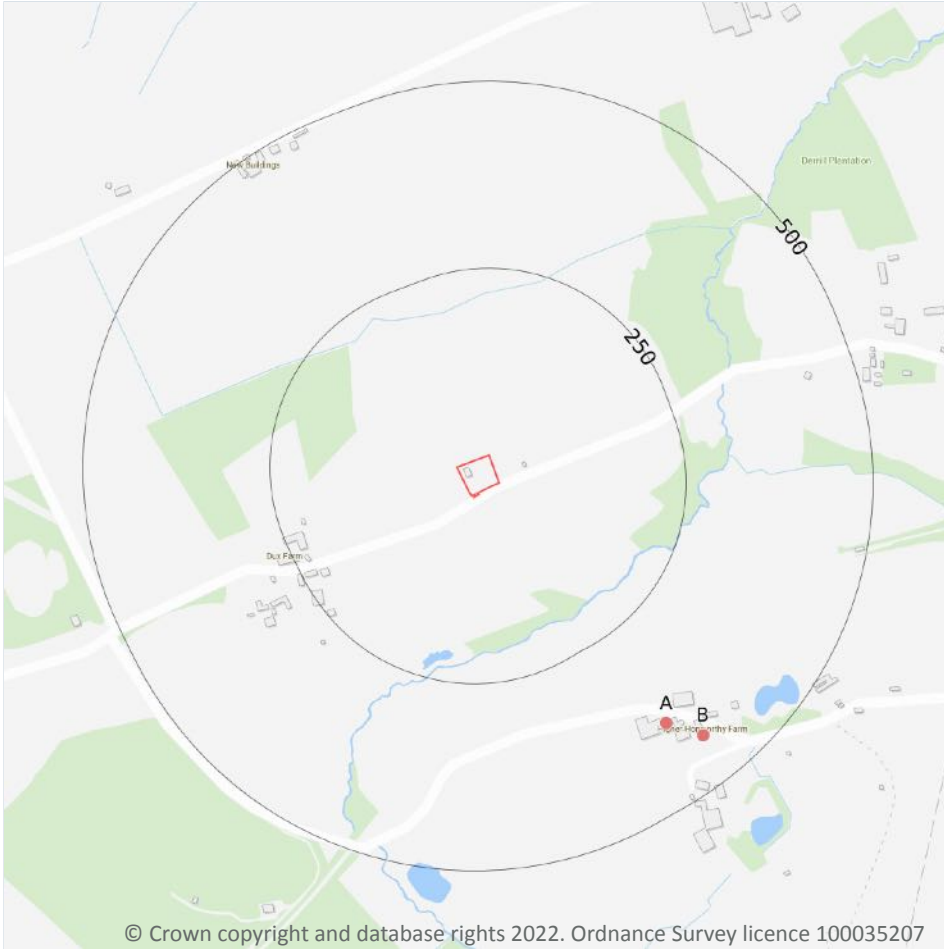
0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0
---------------------	---

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m	0
---------------------	---

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m	0
---------------------	---

Waste site records derived from Local Authority planning records and high detail historical mapping.

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	0
---------------------	---

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m	10
---------------------	----

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

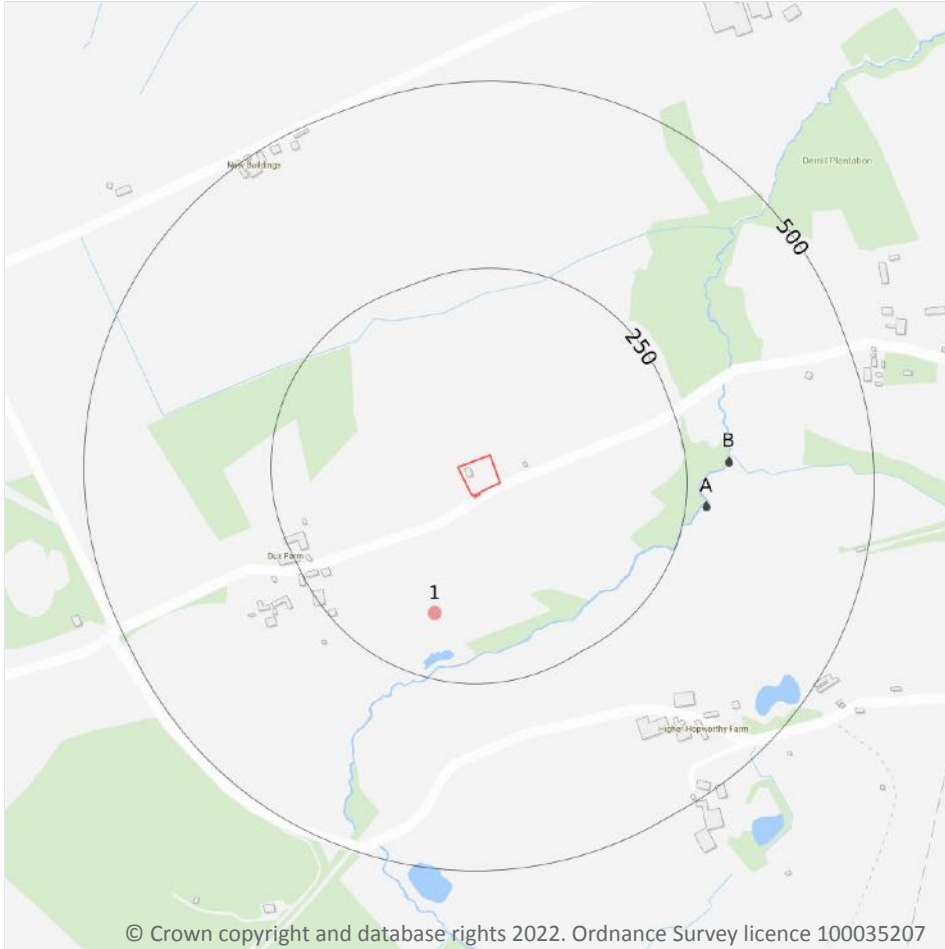
Features are displayed on the Waste and landfill map on **page 17**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	392m SE	Higher Hopworthy HOLSWORTHY Devon EX22 6XX	EPR/XF0930BL /A001	Disposing of waste exemption	Agricultura l Waste Only	Burning waste in the open
A	392m SE	Higher Hopworthy HOLSWORTHY Devon EX22 6XX	EPR/XF0930BL /A001	Storing waste exemption	Agricultura l Waste Only	Storage of waste in a secure place
A	392m SE	Higher Hopworthy HOLSWORTHY Devon EX22 6XX	EPR/XF0930BL /A001	Using waste exemption	Agricultura l Waste Only	Spreading waste on agricultural land to confer benefit
B	434m SE	HIGHER HOPWORTHY, PYWORTHY, HOLSWORTHY, EX22 6XX	WEX201487	Disposing of waste exemption	On a Farm	Burning waste in the open
B	434m SE	HIGHER HOPWORTHY, PYWORTHY, HOLSWORTHY, EX22 6XX	WEX201487	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
B	434m SE	HIGHER HOPWORTHY, PYWORTHY, HOLSWORTHY, EX22 6XX	WEX043290	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
B	434m SE	HIGHER HOPWORTHY, PYWORTHY, HOLSWORTHY, EX22 6XX	WEX043290	Disposing of waste exemption	On a farm	Burning waste in the open
B	434m SE	HIGHER HOPWORTHY, PYWORTHY, HOLSWORTHY, EX22 6XX	WEX043290	Storing waste exemption	On a farm	Storage of waste in a secure place
B	434m SE	HIGHER HOPWORTHY, PYWORTHY, HOLSWORTHY, EX22 6XX	WEX043290	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
B	434m SE	HIGHER HOPWORTHY, PYWORTHY, HOLSWORTHY, EX22 6XX	WEX043290	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- ◆ Licensed Discharges to controlled waters

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4.1 Recent industrial land uses

Records within 250m

1

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 20**

ID	Location	Company	Address	Activity	Category
1	165m S	Quarry (Disused)	Devon, EX22	Unspecified Quarries Or Mines	Extractive Industries

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0
---------------------	---

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
---------------------	---

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
---------------------	---

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
---------------------	---

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0
---------------------	---

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.



4.7 Regulated explosive sites

Records within 500m **0**

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m **0**

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m **0**

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m **0**

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m **0**

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m

0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m

10

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 20**

ID	Location	Address	Details	
A	276m E	PYWORTHY SEWAGE TREATMENT WORKS, PYWORTHY, HOLSWORTHY, DEVON, EX22 6YB	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 302417 Permit Version: 2 Receiving Water: DERRIL WATER(S)	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 29/04/2002 Effective Date: 21/08/2002 Revocation Date: 31/03/2009
A	276m E	PYWORTHY SEWAGE TREATMENT WORKS, PYWORTHY, HOLSWORTHY, DEVON, EX22 6YB	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 302417 Permit Version: 2 Receiving Water: DERRIL WATER(S)	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 29/04/2002 Effective Date: 21/08/2002 Revocation Date: 31/03/2009
A	276m E	PYWORTHY SEWAGE TREATMENT WORKS, PYWORTHY, HOLSWORTHY, DEVON, EX22 6YB	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 302417 Permit Version: 3 Receiving Water: DERRIL WATER(S)	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 14/10/2008 Effective Date: 01/04/2009 Revocation Date: 30/03/2010
A	276m E	PYWORTHY SEWAGE TREATMENT WORKS, PYWORTHY, HOLSWORTHY, DEVON, EX22 6YB	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 302417 Permit Version: 3 Receiving Water: DERRIL WATER(S)	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 14/10/2008 Effective Date: 01/04/2009 Revocation Date: 30/03/2010
A	276m E	PYWORTHY SEWAGE TREATMENT WORKS, PYWORTHY, HOLSWORTHY, DEVON, EX22 6YB	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 302417 Permit Version: 4 Receiving Water: DERRIL WATER(S)	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 31/03/2010 Effective Date: 31/03/2010 Revocation Date: 06/07/2011



ID	Location	Address	Details	
A	276m E	PYWORTHY SEWAGE TREATMENT WORKS, PYWORTHY, HOLSWORTHY, DEVON, EX22 6YB	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 302417 Permit Version: 4 Receiving Water: DERRIL WATER(S)	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 31/03/2010 Effective Date: 31/03/2010 Revocation Date: 06/07/2011
A	276m E	PYWORTHY SEWAGE TREATMENT WORKS, PYWORTHY, HOLSWORTHY, DEVON, EX22 6YB	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 302417 Permit Version: 5 Receiving Water: DERRIL WATER(S)	Status: VARIED UNDER EPR 2010 Issue date: 07/07/2011 Effective Date: 07/07/2011 Revocation Date: -
A	276m E	PYWORTHY SEWAGE TREATMENT WORKS, PYWORTHY, HOLSWORTHY, DEVON, EX22 6YB	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 302417 Permit Version: 5 Receiving Water: DERRIL WATER(S)	Status: VARIED UNDER EPR 2010 Issue date: 07/07/2011 Effective Date: 07/07/2011 Revocation Date: -
B	306m E	PYWORTHY SEWAGE TREATMENT WORKS, PYWORTHY, HOLSWORTHY, DEVON, EX22 6YB	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 302417 Permit Version: 1 Receiving Water: DERRIL WATER(S)	Status: REVOKED - UNSPECIFIED Issue date: 29/04/2002 Effective Date: 29/04/2002 Revocation Date: 20/08/2002
B	306m E	PYWORTHY SEWAGE TREATMENT WORKS, PYWORTHY, HOLSWORTHY, DEVON, EX22 6YB	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 302417 Permit Version: 1 Receiving Water: DERRIL WATER(S)	Status: REVOKED - UNSPECIFIED Issue date: 29/04/2002 Effective Date: 29/04/2002 Revocation Date: 20/08/2002

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.



4.15 Pollutant release to public sewer

Records within 500m	0
---------------------	---

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m	0
---------------------	---

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m	0
---------------------	---

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m	0
---------------------	---

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m	0
---------------------	---

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m

0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

Records within 500m

0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



5 Geology (basic)

5.1 Superficial geology (625k)

Records within 500m**1**

Generalised geology data based on BGS's published poster maps of the UK (North and South). Superficial related themes digitised from 1977 first edition Quaternary map (North and South).

Location	Lex code	Description	Rock type
496m NW	RTDU-SAGR	RIVER TERRACE DEPOSITS (UNDIFFERENTIATED)	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

5.2 Bedrock geology (625k)

Records within 500m**1**

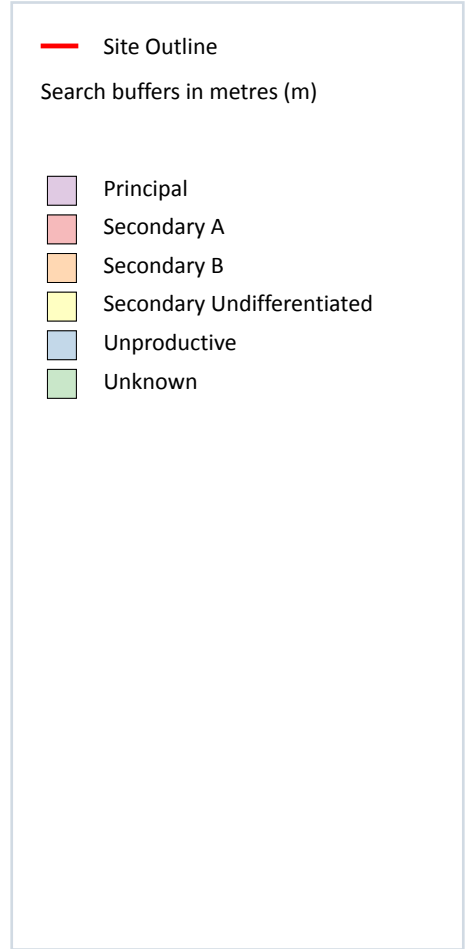
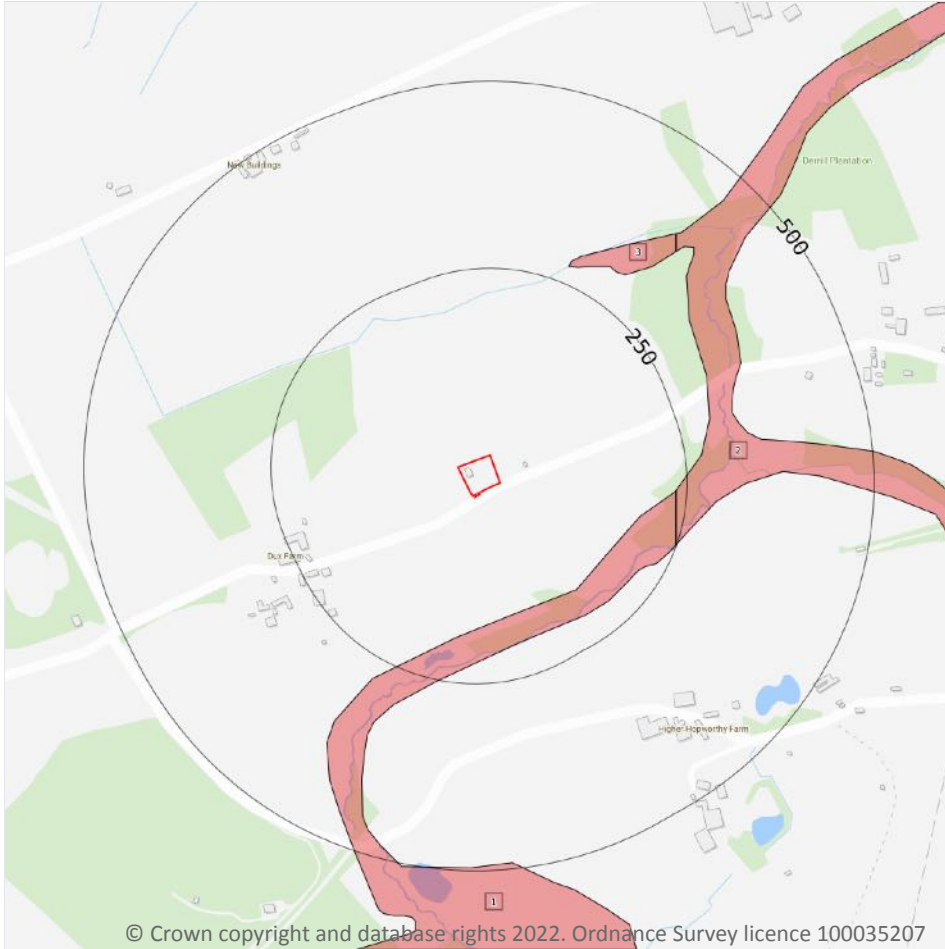
Generalised geology data based on BGS's published poster maps of the UK (North and South). Bedrock related themes created through generalisation of 1:50,000 data.

Location	Lex code	Description	Rock type
On site	HOWY-MDSS	HOLSWORTHY GROUP	MUDSTONE, SILTSTONE AND SANDSTONE

This data is sourced from the British Geological Survey.



6 Hydrogeology - Superficial aquifer



6.1 Superficial aquifer

Records within 500m

3

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 28**

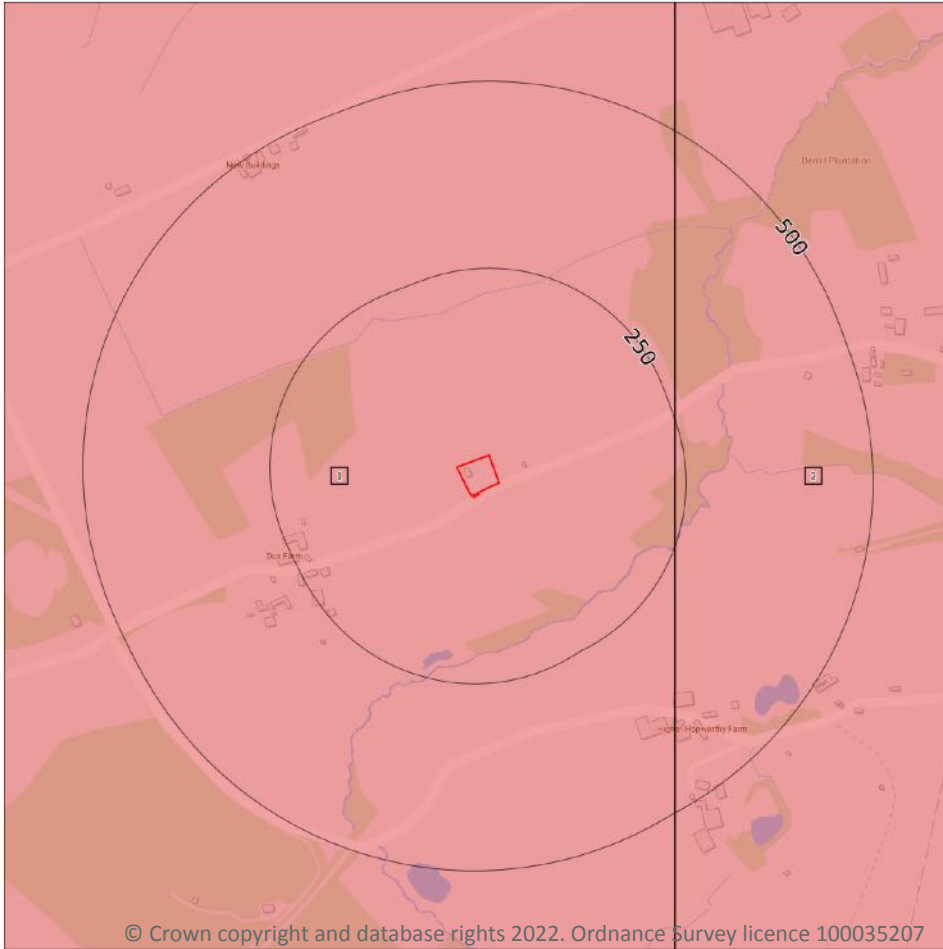
ID	Location	Designation	Description
1	165m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	235m E	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

ID	Location	Designation	Description
3	273m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive

6.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

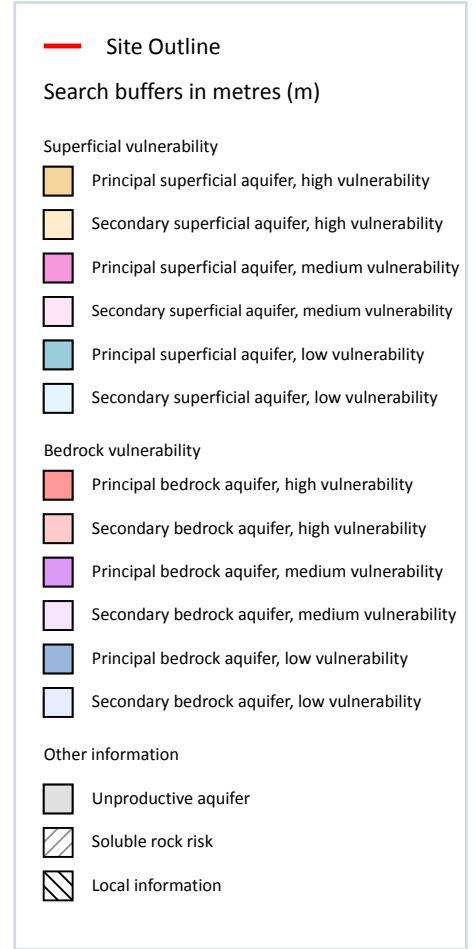
Features are displayed on the Bedrock aquifer map on **page 30**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	235m E	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



6.3 Groundwater vulnerability

Records within 50m

1

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 32**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

6.4 Groundwater vulnerability- soluble rock risk

Records on site

0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

6.5 Groundwater vulnerability- local information

Records on site

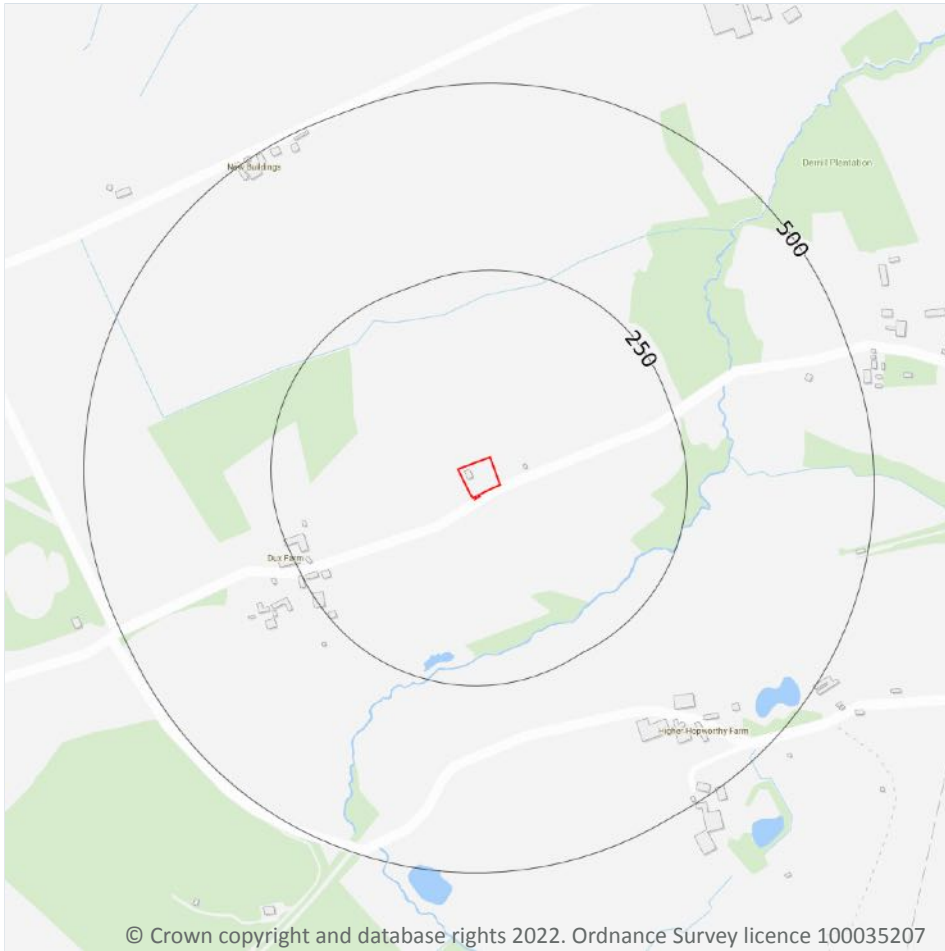
0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

This data is sourced from the British Geological Survey and the Environment Agency.



Abstractions and Source Protection Zones



6.6 Groundwater abstractions

Records within 2000m

8

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 34**

ID	Location	Details	
-	1112m S	Status: Historical Licence No: 15/47/008/G/046 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "MONKS FARM, PYWORTHY - BOREHOLE" Data Type: Point Name: Wickett Easting: 229700 Northing: 102100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -
-	1112m S	Status: Historical Licence No: 15/47/008/G/046 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: MONKS FARM, PYWORTHY - BOREHOLE Data Type: Point Name: Wickett Easting: 229700 Northing: 102100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -
-	1376m S	Status: Historical Licence No: 15/47/008/G/085 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "TRELANA FARM, PYWORTHY - BOREHOLE A" Data Type: Point Name: Burnard Easting: 229530 Northing: 101850	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/10/1996 Expiry Date: - Issue No: 100 Version Start Date: 17/02/2000 Version End Date: -
-	1376m S	Status: Active Licence No: 15/47/008/G/085 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: TRELANA FARM, PYWORTHY - BOREHOLE A Data Type: Point Name: Burnard Easting: 229530 Northing: 101850	Annual Volume (m ³): 9,125 Max Daily Volume (m ³): 25 Original Application No: C0109 Original Start Date: 24/10/1996 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1427m SE	Status: Active Licence No: 15/47/008/G/084 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: HOPPATOWN FARM Data Type: Point Name: Easterbrook Easting: 231060 Northing: 102630	Annual Volume (m ³): 9,264 Max Daily Volume (m ³): 26 Original Application No: - Original Start Date: 24/10/1996 Expiry Date: - Issue No: 101 Version Start Date: 27/08/2015 Version End Date: -



ID	Location	Details	
-	1427m SE	Status: Active Licence No: 15/47/008/G/084 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: HOPPATOWN FARM Data Type: Point Name: Easterbrook Easting: 231060 Northing: 102630	Annual Volume (m ³): 9,264 Max Daily Volume (m ³): 26 Original Application No: - Original Start Date: 24/10/1996 Expiry Date: - Issue No: 101 Version Start Date: 27/08/2015 Version End Date: -
-	1441m E	Status: Historical Licence No: 15/47/008/G/032 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "BLACK POOL FARM, PYWORTHY - WELL" Data Type: Point Name: Martin Easting: 231200 Northing: 103100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -
-	1441m E	Status: Historical Licence No: 15/47/008/G/032 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: BLACK POOL FARM, PYWORTHY - WELL Data Type: Point Name: Martin Easting: 231200 Northing: 103100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

6.7 Surface water abstractions

Records within 2000m

0

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.



6.8 Potable abstractions

Records within 2000m

1

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 34**

ID	Location	Details	
-	1427m SE	Status: Active Licence No: 15/47/008/G/084 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: HOPPATOWN FARM Data Type: Point Name: Easterbrook Easting: 231060 Northing: 102630	Annual Volume (m ³): 9,264 Max Daily Volume (m ³): 26 Original Application No: - Original Start Date: 24/10/1996 Expiry Date: - Issue No: 101 Version Start Date: 27/08/2015 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

6.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

6.10 Source Protection Zones (confined aquifer)

Records within 500m

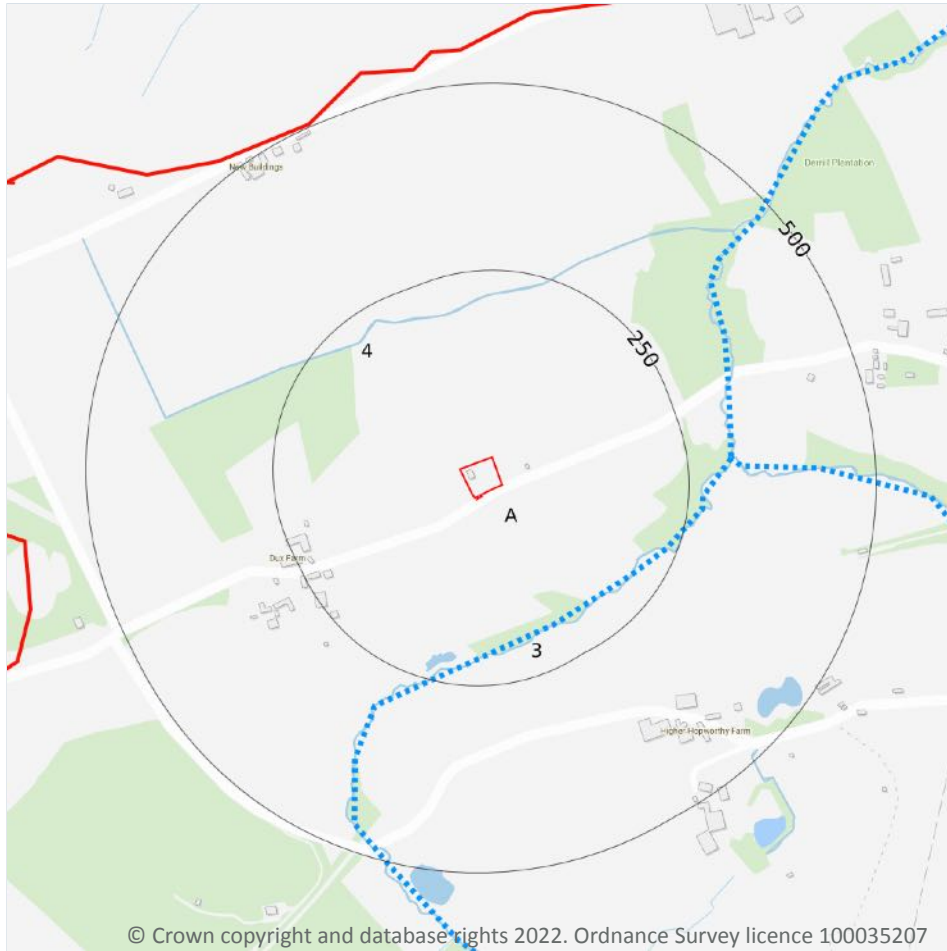
0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



7 Hydrology



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- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

7.1 Water Network (OS MasterMap)

Records within 250m

2

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 38**

ID	Location	Type of water feature	Ground level	Permanence	Name
3	195m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Derril Water

ID	Location	Type of water feature	Ground level	Permanence	Name
4	200m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

7.2 Surface water features

Records within 250m	3
----------------------------	----------

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 38**

This data is sourced from the Ordnance Survey.

7.3 WFD Surface water body catchments

Records on site	1
------------------------	----------

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 38**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River	Derril Water	GB108047008070	Tamar Upper	Tamar

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 WFD Surface water bodies

Records identified	1
---------------------------	----------

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.



Features are displayed on the Hydrology map on **page 38**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
2	194m SE	River	Derril Water	GB108047008070	Bad	Fail	Bad	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 WFD Groundwater bodies

Records on site	1
------------------------	----------

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 38**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Tamar	GB40802G806700	Poor	Poor	Good	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

8 River and coastal flooding

8.1 Risk of flooding from rivers and the sea

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

8.2 Historical Flood Events

Records within 250m

0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

8.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.



8.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

8.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones

8.6 Flood Zone 2

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

8.7 Flood Zone 3

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



9 Surface water flooding

9.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

Negligible

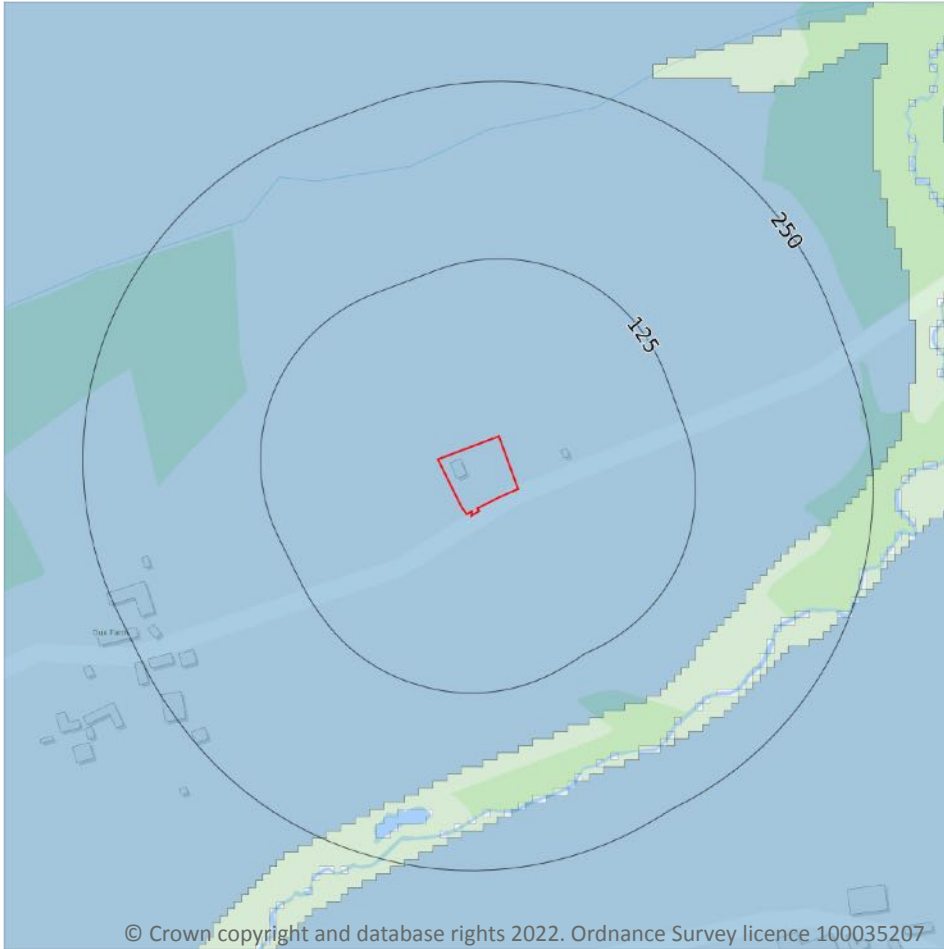
Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site. The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

10 Groundwater flooding



10.1 Groundwater flooding

Highest risk on site

Negligible

Highest risk within 50m

Negligible

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 45**

This data is sourced from Ambiental Risk Analytics.

11 Environmental designations

11.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 Special Areas of Conservation (SAC)

Records within 2000m

0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.4 Special Protection Areas (SPA)

Records within 2000m

0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



11.5 National Nature Reserves (NNR)

Records within 2000m

0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.6 Local Nature Reserves (LNR)

Records within 2000m

0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.7 Designated Ancient Woodland

Records within 2000m

0

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



11.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

11.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.11 Green Belt

Records within 2000m

0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

11.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

11.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.



11.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

11.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

11.16 Nitrate Vulnerable Zones

Records within 2000m

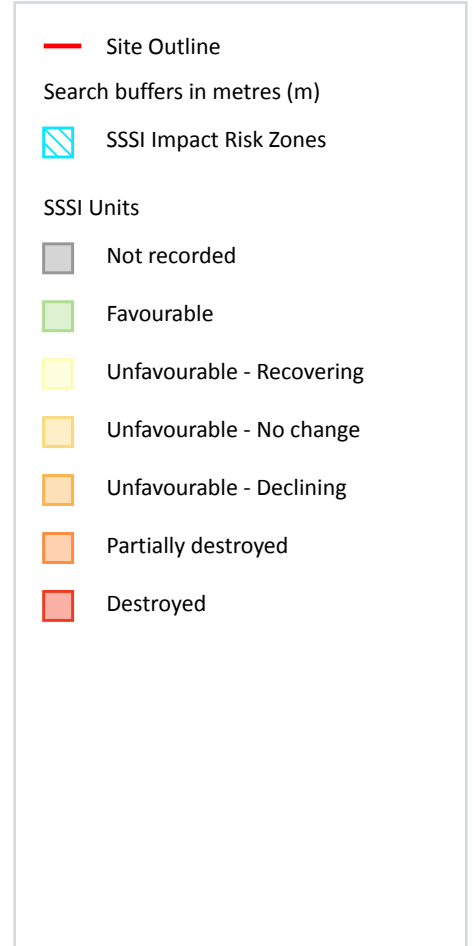
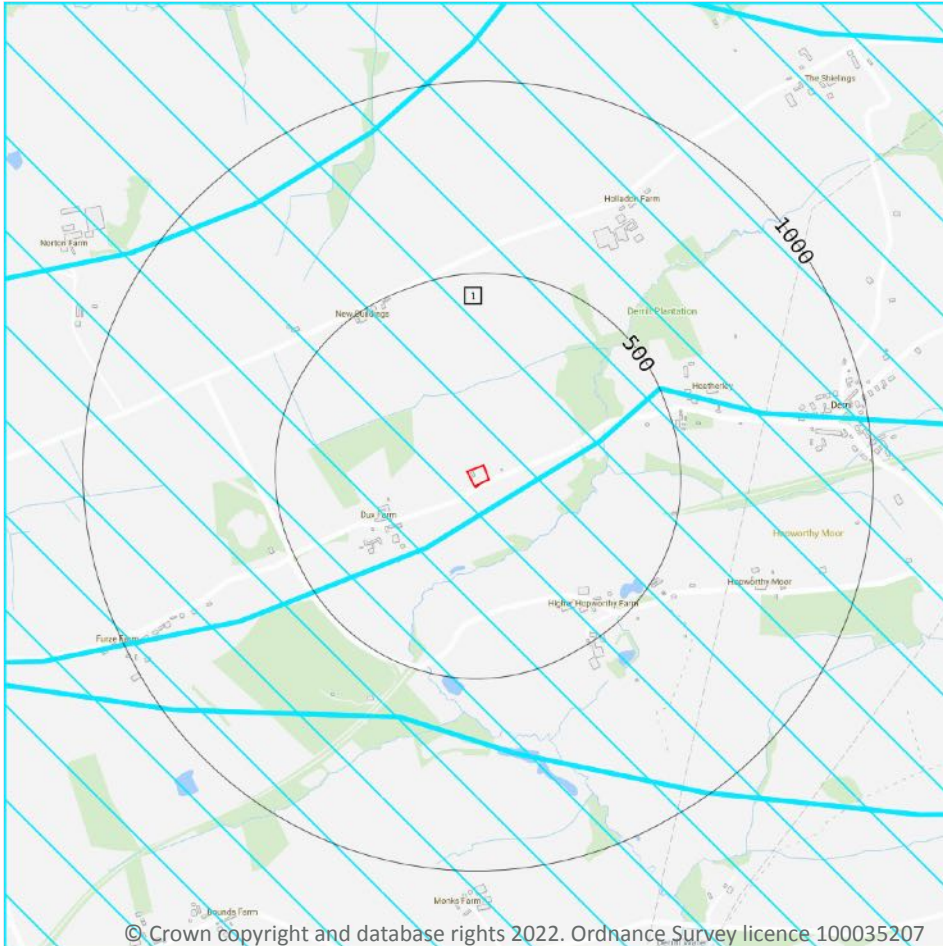
0

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



11.17 SSSI Impact Risk Zones

Records on site

1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 50**

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction.</p> <p>Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t).</p> <p>Combustion - General combustion processes >50mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p>

This data is sourced from Natural England.

11.18 SSSI Units

Records within 2000m	0
-----------------------------	----------

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.

12 Visual and cultural designations

12.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

12.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

12.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.



This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12.7 Registered Parks and Gardens

Records within 250m

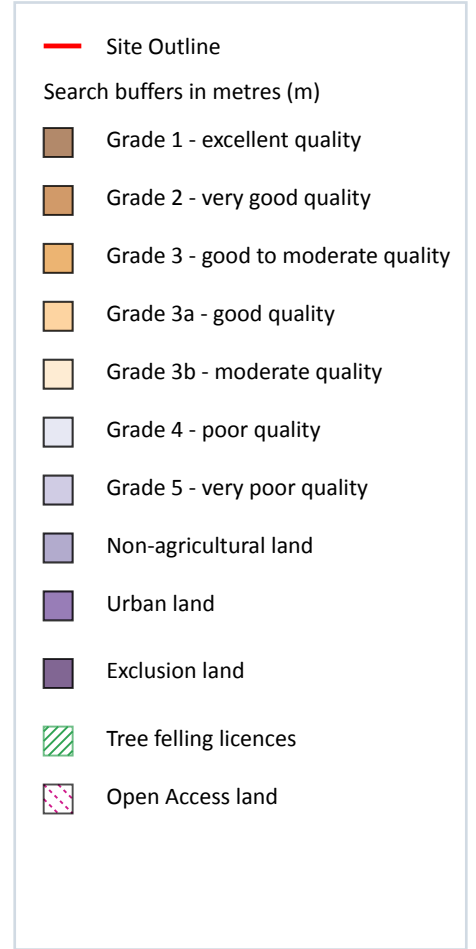
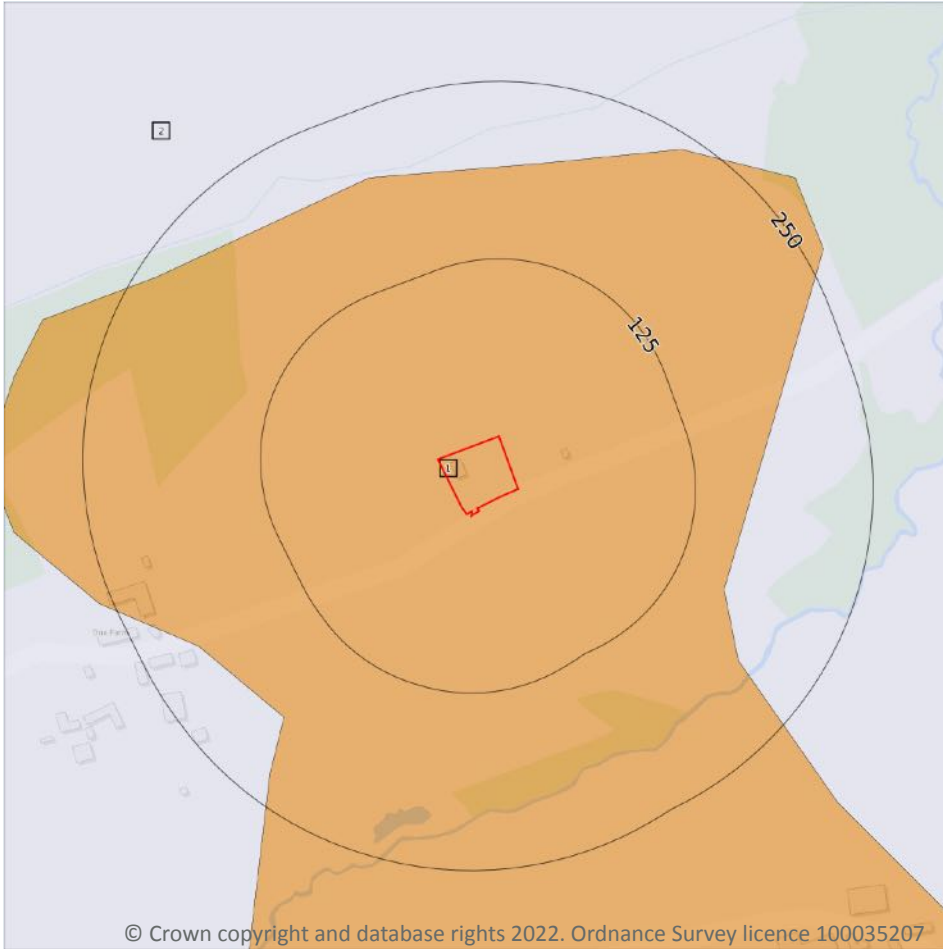
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



13 Agricultural designations



13.1 Agricultural Land Classification

Records within 250m

2

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 54**

ID	Location	Classification	Description
1	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.

ID	Location	Classification	Description
2	159m E	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.

This data is sourced from Natural England.

13.2 Open Access Land

Records within 250m **0**

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

13.3 Tree Felling Licences

Records within 250m **0**

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

13.4 Environmental Stewardship Schemes

Records within 250m **1**

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

Location	Reference	Scheme	Start Date	End date
195m SE	AG00494333	Entry Level Stewardship	01/11/2013	31/10/2018

This data is sourced from Natural England.



13.5 Countryside Stewardship Schemes

Records within 250m**3**

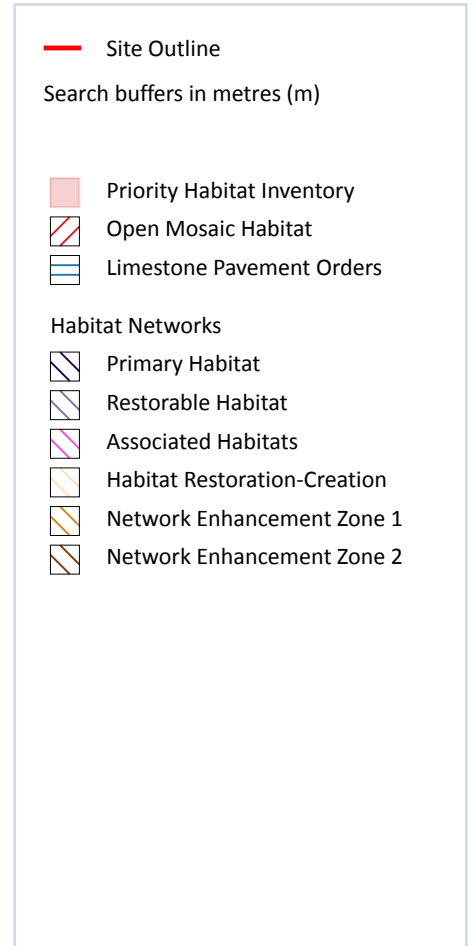
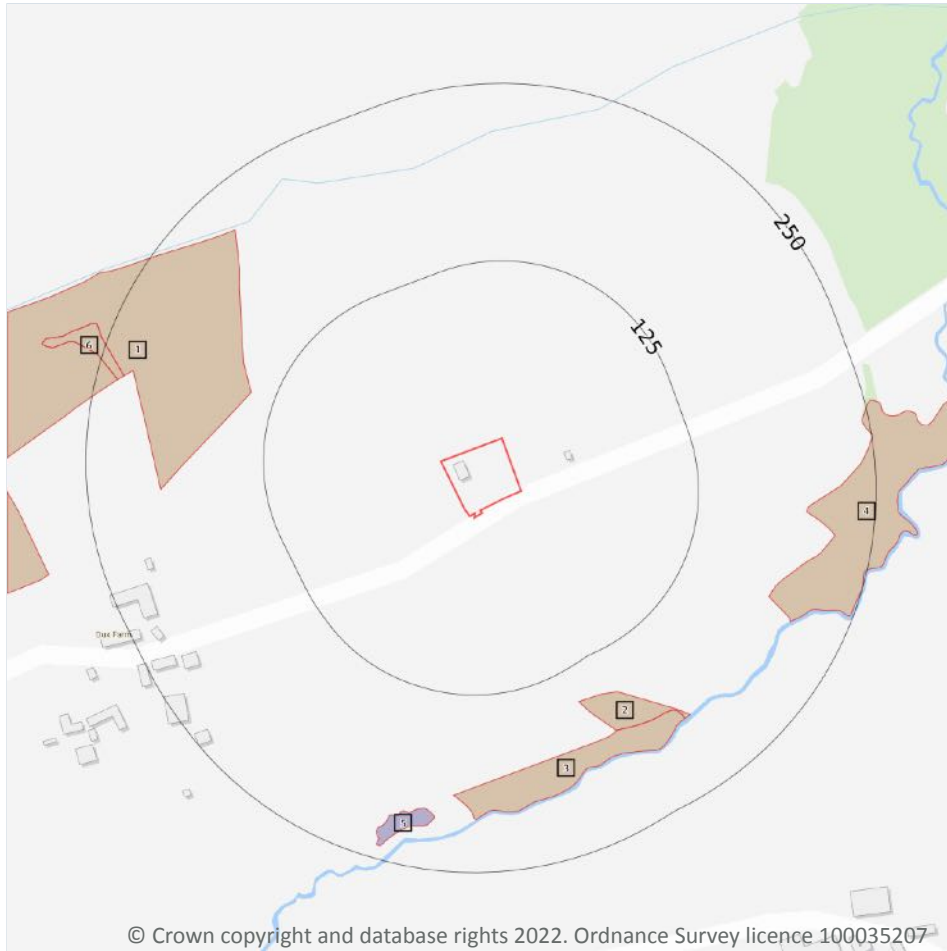
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
7m S	470759	Countryside Stewardship (Higher Tier)	01/01/2018	31/12/2027
138m NE	470759	Countryside Stewardship (Higher Tier)	01/01/2018	31/12/2027
199m NW	1058693	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025

This data is sourced from Natural England.



14 Habitat designations



14.1 Priority Habitat Inventory

Records within 250m

6

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 57**

ID	Location	Main Habitat	Other habitats
1	142m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	149m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	178m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	190m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
5	208m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	231m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

14.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

14.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

14.4 Limestone Pavement Orders

Records within 250m

0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: <https://www.groundsure.com/terms-and-conditions-jan-2020/>.



APPENDIX B

Risk Assessment Matrix

	Category	Definition
Potential severity	Severe	Acute risks to human health, catastrophic damage to buildings/property, major pollution of controlled waters
	Medium	Chronic risk to human health, pollution of sensitive controlled waters, significant effects on sensitive ecosystems or species, significant damage to buildings or structures
	Mild	Pollution of non sensitive waters, minor damage to buildings or structures
	Minor	Requirement for protective equipment during site works to mitigate health effects, damage to non sensitive ecosystems or species
Probability of risk	High likelihood	Pollutant linkage may be present, and risk is almost certain to occur in long term, or there is evidence of harm to the receptor
	Likely	Pollutant linkage may be present, and it is probable that the risk will occur over the long term
	Low likelihood	Pollutant linkage may be present, and there is a possibility of the risk occurring, although there is no certainty that it will do so
	Unlikely	Pollutant linkage may be present, but the circumstances under which harm would occur are improbable

		Potential severity			
		Severe	Medium	Mild	Minor
Probability Of Risk	High likelihood	Very high	High	Moderate	Moderate/Low
	Likely	High	Moderate	Moderate/Low	Low
	Low likelihood	Moderate	Moderate/Low	Low	Negligible
	Unlikely	Moderate/Low	Low	Negligible	Negligible