

- Legend**
- Newbuild Infrastructure Boundary
 - StanlowAGI To Flint AGI Indicative Alignment of the Newbuild Carbon Dioxide Pipeline
 - Reservoir Flood Extents Wet Day
 - Reservoir Flood Extents Dry Day
 - Mollington BVS (indicative location)

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE

HyNet Carbon Dioxide Pipeline

DRAWING TITLE

Figure 18.4.19 - Mollington Reservoir Flood Map - Knolls Bridge Wet/Dry-Sheet 1

DRAWING STATUS

FOR INFORMATION

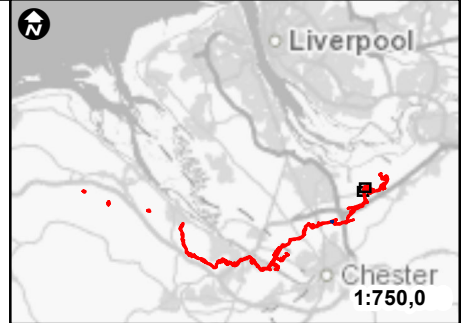
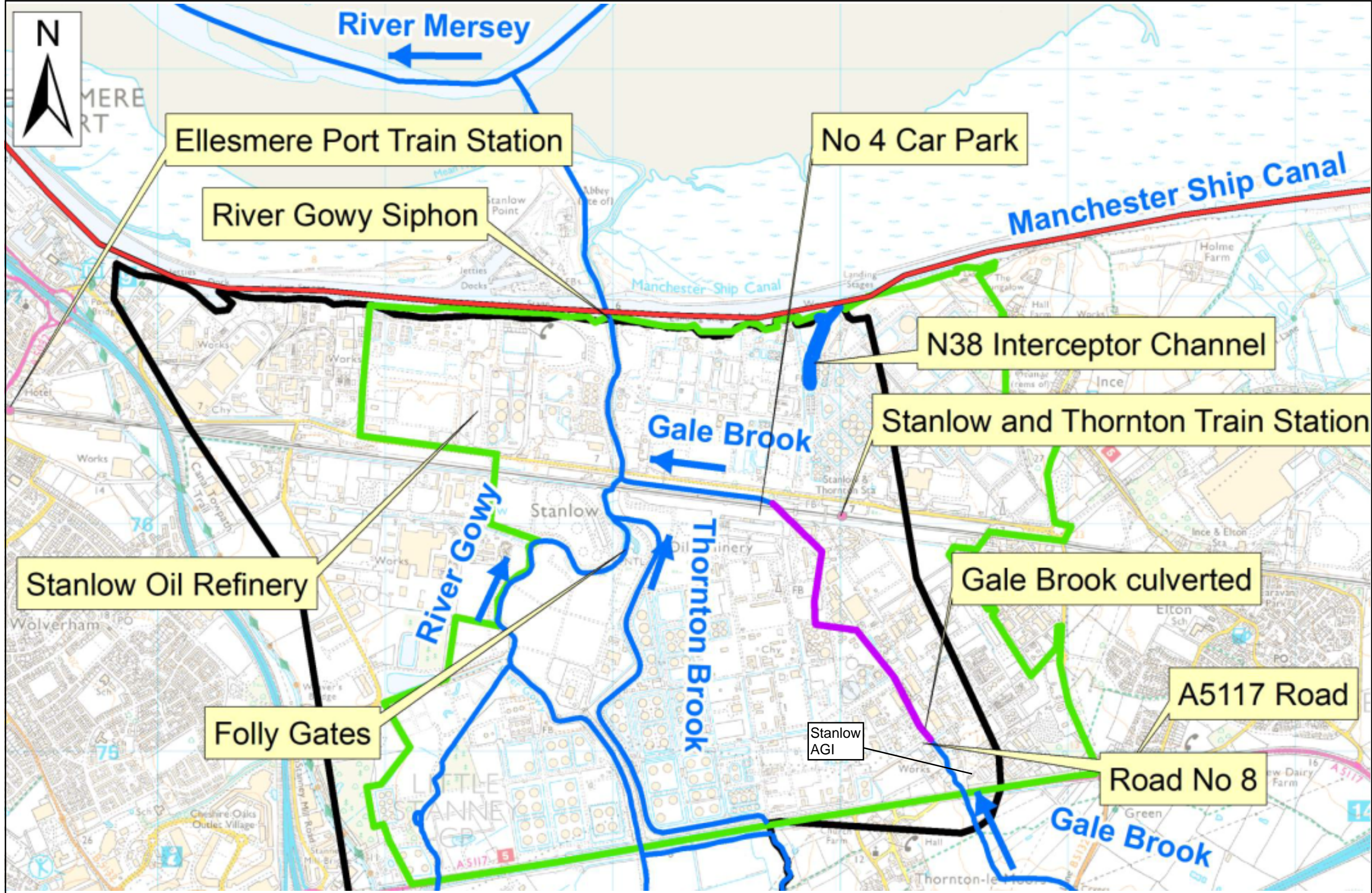
DRAWN	CHECKED	APPROVED	AUTHORISED
AK	GS	EI	MT

SCALE @ A3 SIZE	DATE	REVISION
1:10,000	7/26/2022	P01

DRAWING NUMBER

EN070007-APP-ES-18.4.19-Sheet 1

Annex I



- Legend**
- Culvert
 - Main River
 - Manchester Ship Canal (MSC)
 - Stanlow Oil Refinery - Site Boundary
 - Stanlow Model Boundary

Note: This drawing is from the study "Stanlow and Tranmere Hydraulic Modelling Report" Figure 1-3: Stanlow Study Area. The study was undertaken by Jacobs on behalf of the Environment Agency in 2019.

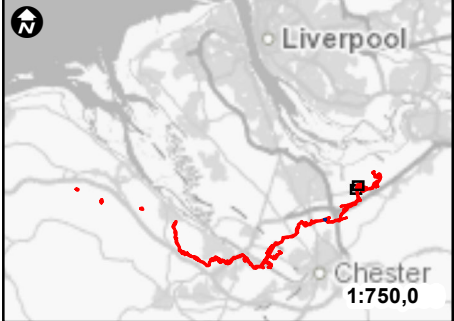
Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

DRAWING TITLE
Figure 18.4.20 - Stanlow Study Area - Stanlow AGI Sheet 1

DRAWING STATUS			
FOR INFORMATION			
DRAWN	CHECKED	APPROVED	AUTHORISED
LS	GS	EI	MT
SCALE @ A3 SIZE		DATE	REVISION
1:25,000		24/06/2022	P01
DRAWING NUMBER			
EN070007-APP-ES-18.4.20 - Sheet 1			



Legend

Maximum Flood Depth (m)

- < 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 0.8
- 0.8 - 1.0
- 1.0 - 2.0
- > 2.0

Key Features

- Stanlow Oil Refinery - Site Boundary
- Culverted Watercourse
- Open Watercourse

Note: This drawing is from the study "Stanlow and Tranmere Hydraulic Modelling Report" Drawing number ENVIMNW000998-JAC-0-00-MP-HY-0059. The study was undertaken by Jacobs on behalf of the Environment Agency in 2019.

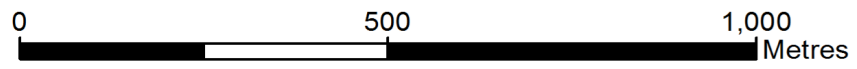
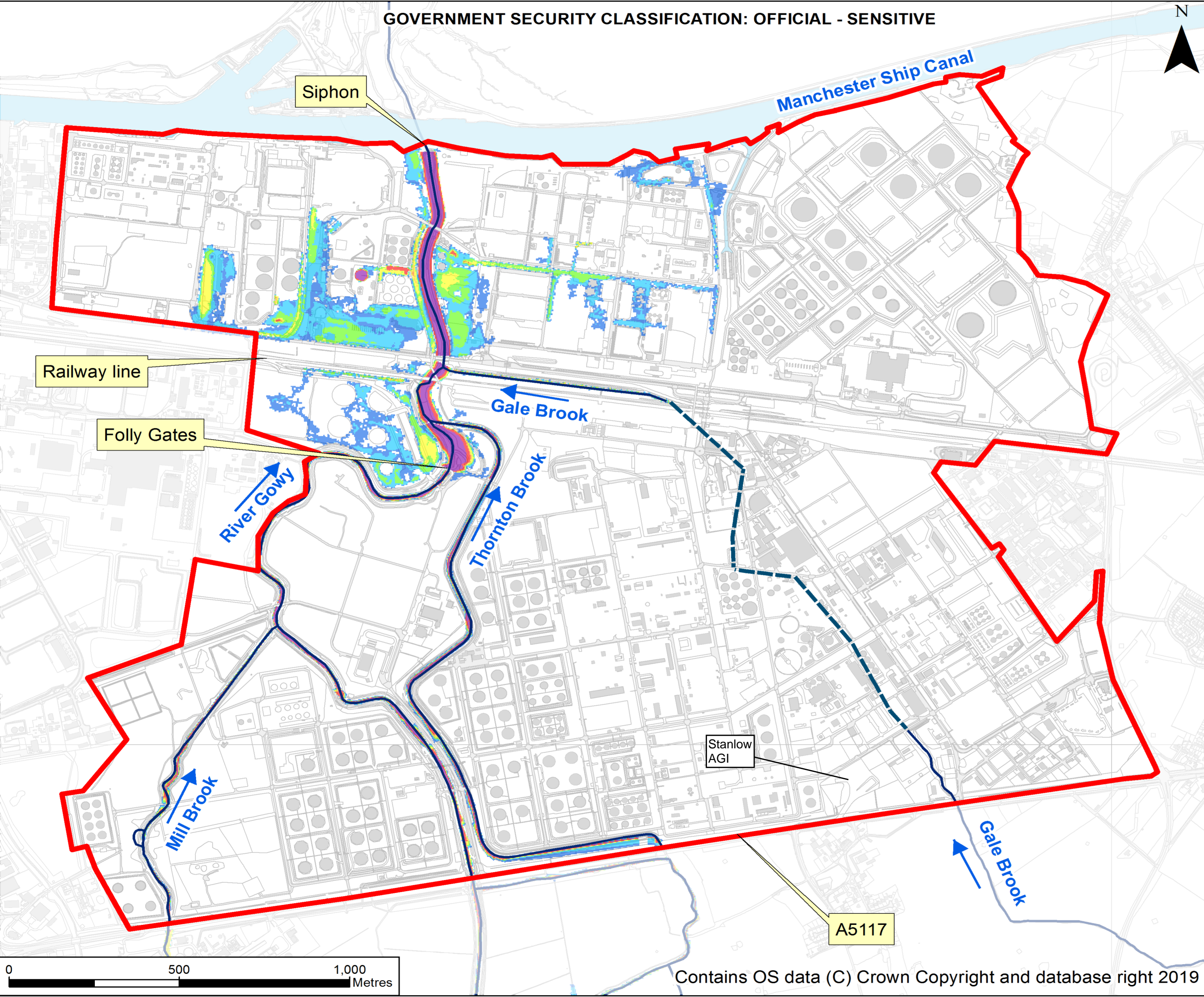
Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

DRAWING TITLE
Figure 18.4.20 - Stanlow Tidal Flooding MSC Breach Scenario 1 in 200 yr Stanlow AGI - Sheet 2

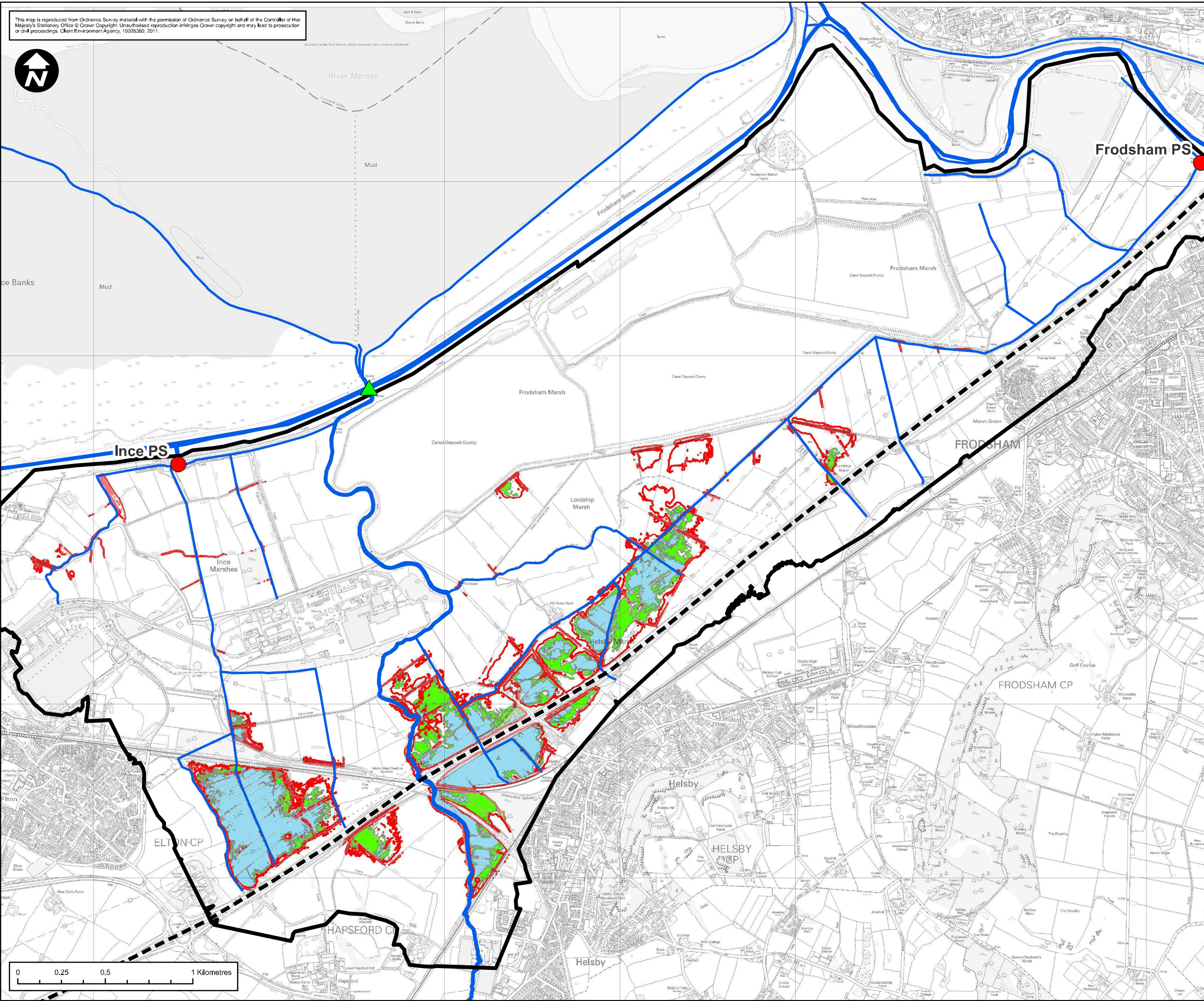
DRAWING STATUS			
FOR INFORMATION			
DRAWN	CHECKED	APPROVED	AUTHORISED
GS	EI	EI	MT
SCALE @ A3 SIZE		DATE	REVISION
1:11,000		24/06/2022	P01
DRAWING NUMBER			
EN070007-APP-ES-18.4.20 - Sheet 2			



Contains OS data (C) Crown Copyright and database right 2019

Annex J

Annex J



This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office © Crown Copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Client Environment Agency, 10076380, 2011.



Legend

- Study area
- River centreline
- M56 motorway
- Pumping Stations
 - ON
 - OFF
 - Hoolpool Gutter siphon
- Do Minimum - 1 in 2yr
- Do Minimum - 1 in 10yr
- Do Minimum - 1 in 100yr

Note: This drawing is taken by the study "Ince and Frodsham Marshes Maintenance Strategic Study" Figure A.6.2 rev 2. The study was undertaken by Halcrow on behalf of the Environment Agency in 2011.

Contains OS data © Crown Copyright and database right 2022

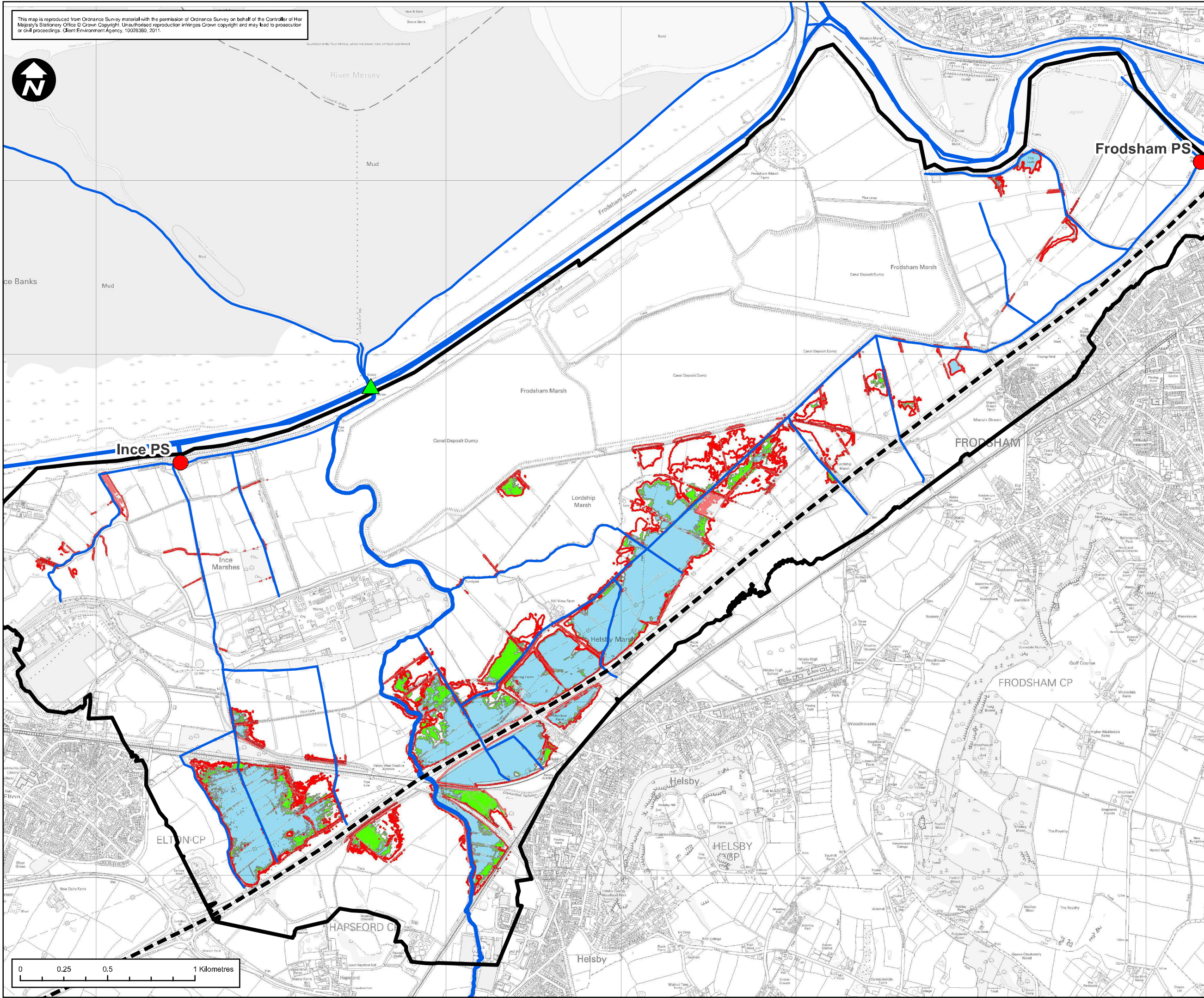
HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

DRAWING TITLE
Figure 18.4.21 - Flood Extent Do Minimum Scenario - Sheet 1

DRAWING STATUS			
FOR INFORMATION			
DRAWN GS	CHECKED EI	APPROVED EI	AUTHORISED MT
SCALE @ A3 SIZE 1:20,000		DATE 14/09/2022	REVISION P01
DRAWING NUMBER EN070007-APP-ES-18.4.21-Sheet 1			

This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown Copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Client Environment Agency, 10026380, 2011.



Legend

- Study area
- River centreline
- M56 motorway
- Pumping Stations
 - ON
 - OFF
 - Hoolpool Gutter siphon
- Pump at Ince Only - 1 in 2yr
- Pump at Ince Only - 1 in 10yr
- Pump at Ince Only - 1 in 100yr

Note: This drawing is taken by the study "Ince and Frodsham Marshes Maintenance Strategic Study" Figure A.6.3 rev 2. The study was undertaken by Halcrow on behalf of the Environment Agency in 2011.

Contains OS data © Crown Copyright and database right 2022

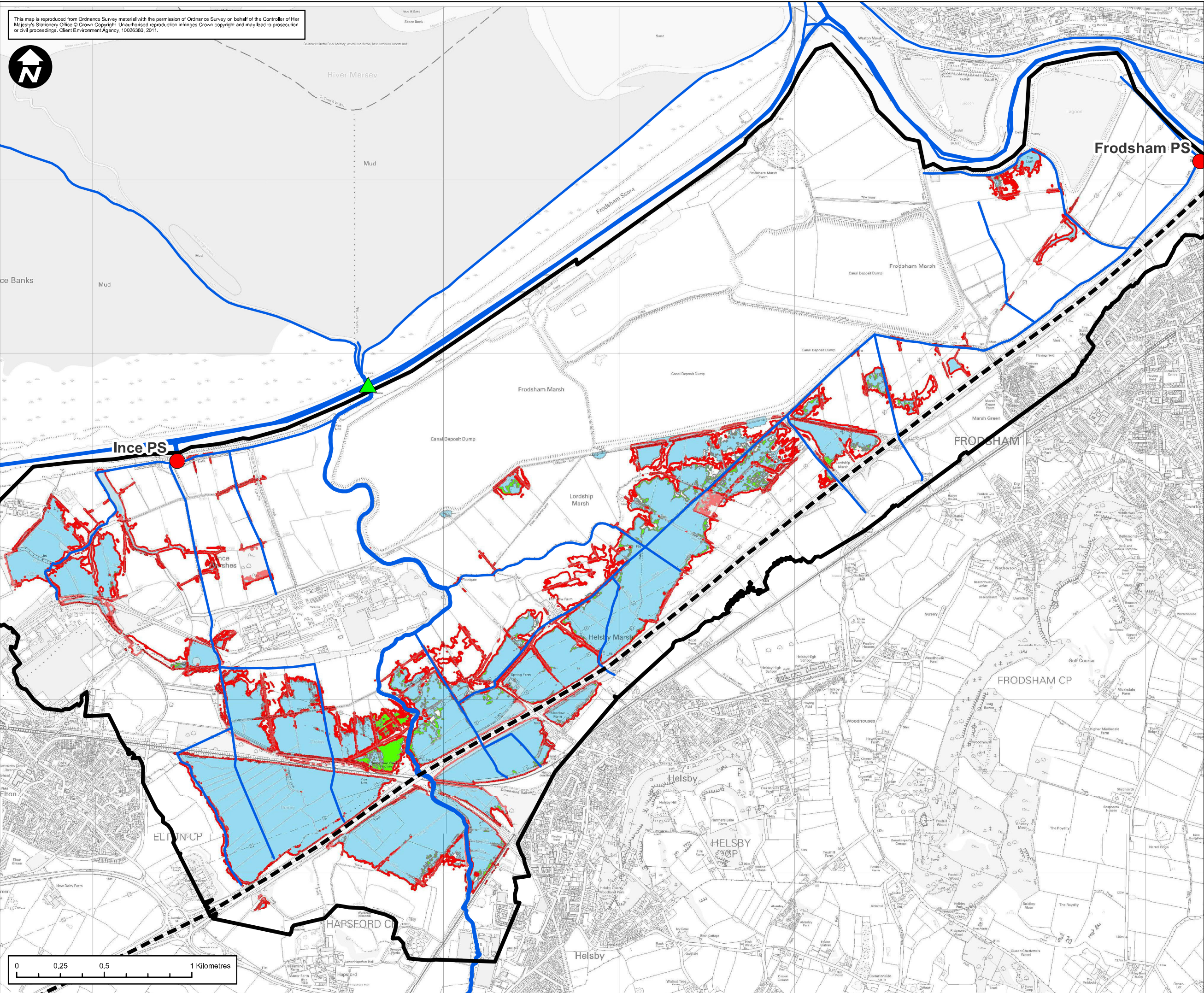
HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

DRAWING TITLE
**Figure 18.4.21 - Flood Extent
Pump At Ince Only - Sheet 2**

DRAWING STATUS
FOR INFORMATION

DRAWN GS	CHECKED EI	APPROVED EI	AUTHORISED MT
SCALE @ A3 SIZE 1:20,000		DATE 14/09/2022	REVISION P01
DRAWING NUMBER EN070007-APP-ES-18.4.21-Sheet 2			



- Legend**
- Study area
 - River centreline
 - M56 motorway
 - Pumping Stations
 - ON
 - OFF
 - Hoolpool Gutter siphon
 - Do Nothing - 1 in 2yr
 - Do Nothing - 1 in 10yr
 - Do Nothing - 1 in 100yr

Note: This drawing is taken by the study "Ince and Frodsham Marshes Maintenance Strategic Study" Figure A.6.1 rev 2. The study was undertaken by Halcrow on behalf of the Environment Agency in 2011.

Contains OS data © Crown Copyright and database right 2022

HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline

DRAWING TITLE
**Figure 18.4.21 - Flood Ex-
tent Do Nothing Scenario -
Sheet 3**

DRAWING STATUS			
FOR INFORMATION			
DRAWN GS	CHECKED EI	APPROVED EI	AUTHORISED MT
SCALE @ A3 SIZE 1:20,000		DATE 14/09/2022	REVISION P01
DRAWING NUMBER EN070007-APP-ES-18.4.21-Sheet 3			