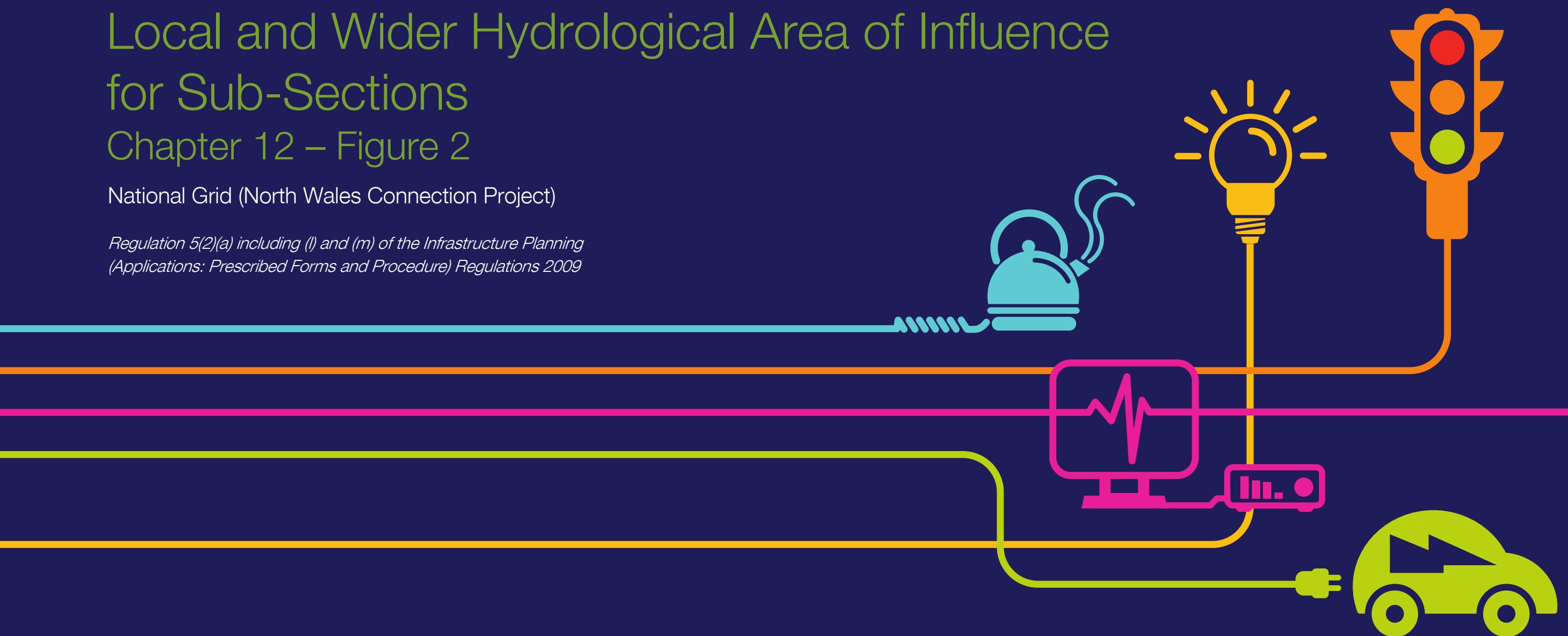


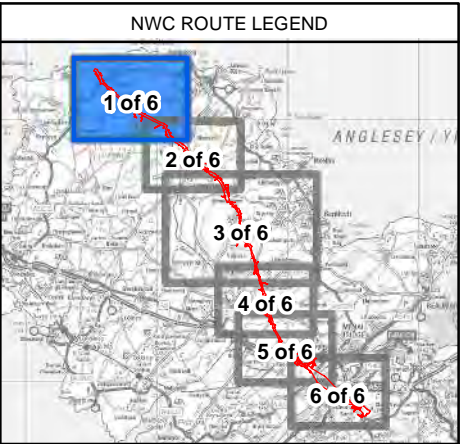
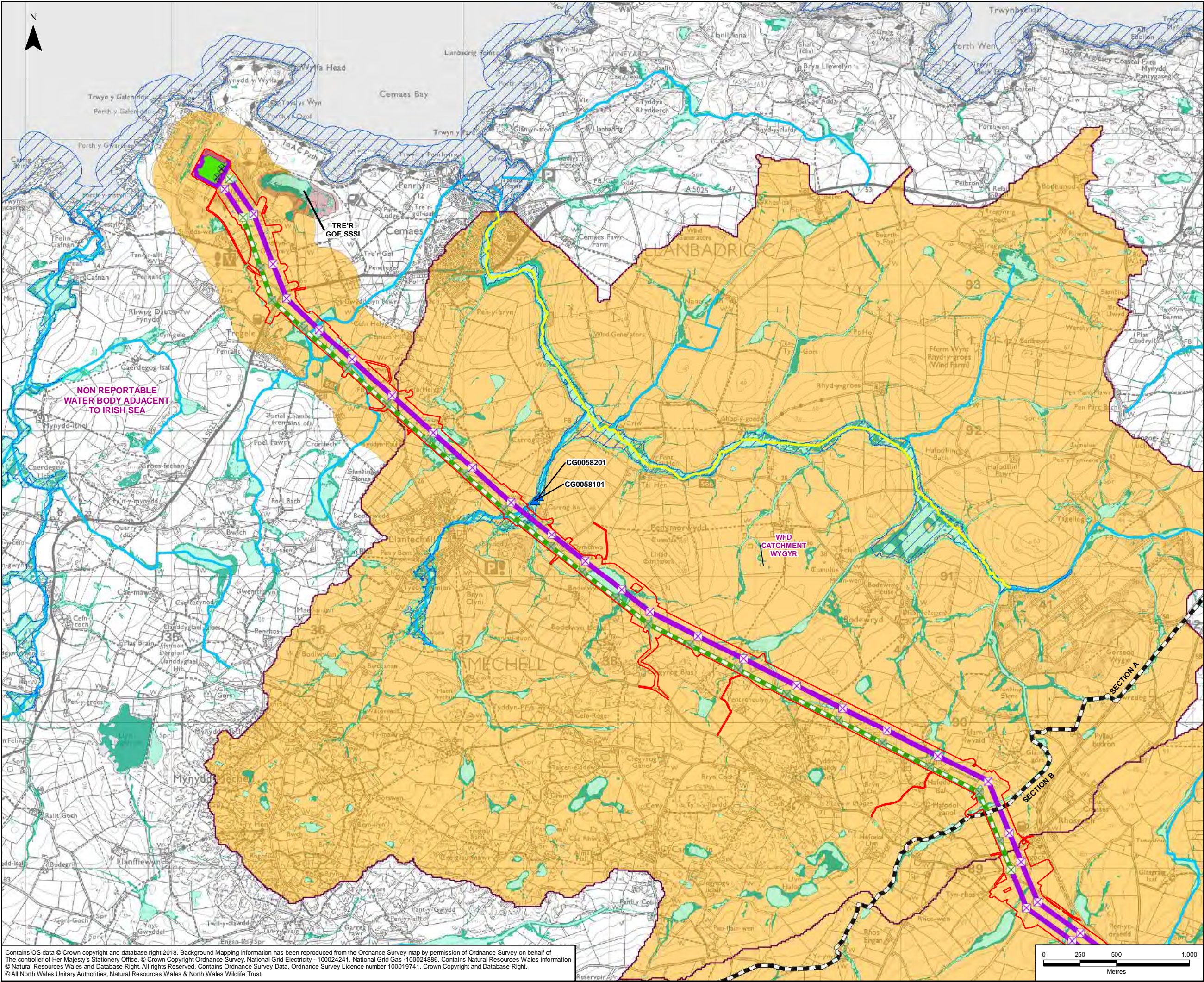
DOCUMENT 5.12.1.2

Local and Wider Hydrological Area of Influence for Sub-Sections Chapter 12 – Figure 2

National Grid (North Wales Connection Project)

*Regulation 5(2)(a) including (l) and (m) of the Infrastructure Planning
(Applications: Prescribed Forms and Procedure) Regulations 2009*





LEGEND

- ORDER LIMITS
- SECTION CUTLINES
- NEW GANTRY (FULL LINE TENSION)
- NEW GANTRY
- GANTRY TO BE REMOVED
- NEW LATTICE PYLON
- NEW LOW HEIGHT LATTICE PYLON
- EXISTING LATTICE PYLON TO BE REMOVED
- EXISTING LATTICE PYLON TO BE MODIFIED
- EXISTING LATTICE PYLON NOT AFFECTED
- NEW OVERHEAD LINE
- EXISTING OVERHEAD LINE TO BE REMOVED
- EXISTING OVERHEAD LINE TO BE MODIFIED
- EXISTING OVERHEAD LINE NOT AFFECTED
- TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND
- CONSTRUCTION COMPOUND
- PROPOSED SUBSTATION EXTENSION FOOTPRINT
- EXISTING 132KV OUTDOOR SUBSTATION
- EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT

WATER FRAMEWORK DIRECTIVE (WFD) WATER BODY

- WFD RIVER WATER BODY CATCHMENT
- WFD COASTAL WATER BODY CATCHMENT

WFD OVERALL STATUS, RIVER WATER BODIES (NRW, 2015)

- GOOD
- MODERATE
- NRW LICENSED FRESHWATER ABSTRACTION

NATURAL RESOURCES WALES (NRW) FLOOD ZONE 3

- NRW FLOOD ZONE 2

NRW SURFACE WATER FLOOD EXTENT

- 1 IN 30 YEAR
- 1 IN 100 YEAR
- 1 IN 1000 YEAR
- NRW MAIN RIVER
- RESERVOIR

FRESH SURFACE WATER DEPENDENT SITE

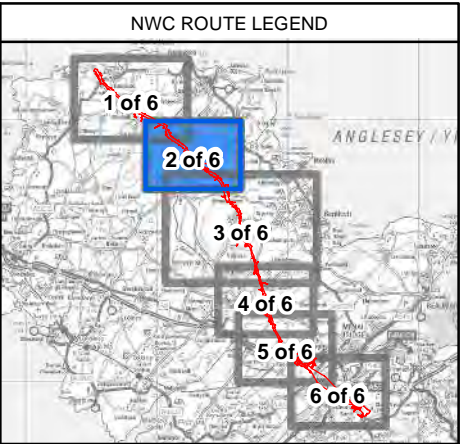
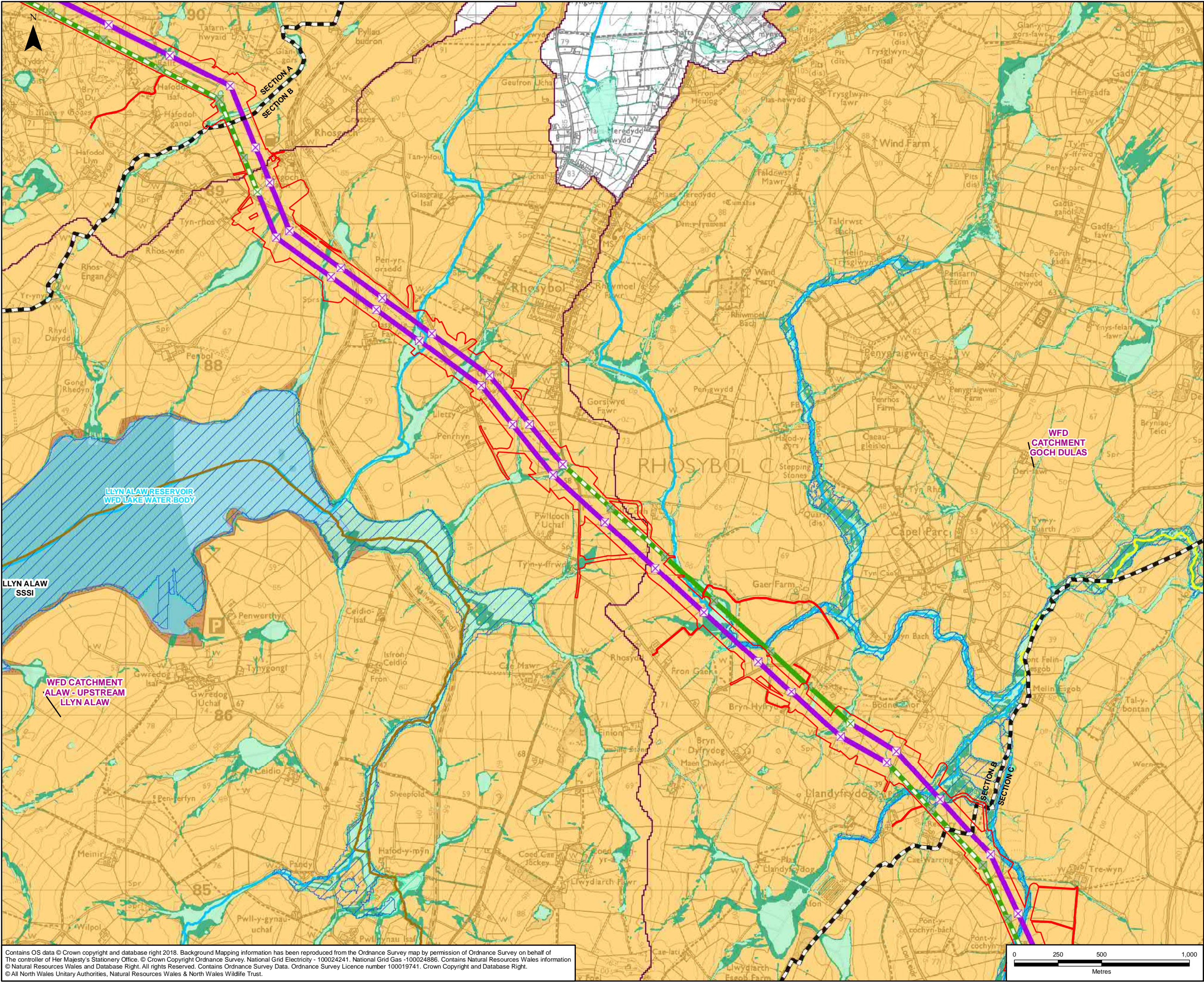
- NATIONAL NATURE RESERVE (NNR)
- RAMSAR SITE
- SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL AREA OF CONSERVATION (SAC)
- LICENSED DISCHARGES
- PRIVATE WATER SUPPLY
- LOCAL HYDROLOGICAL STUDY AREA
- WIDER HYDROLOGICAL STUDY AREA

NOTES

THIS FIGURE ONLY IDENTIFIES THE RECEPTORS WHICH HAVE BEEN SCOPED IN AS PART OF THE WATER QUALITY RESOURCES AND FLOOD RISK ASSESSMENT.

A	27/07/2018	ENVIRONMENTAL STATEMENT	JF	HW	LB
Rev	Date	Description	GIS	Chk	App
Scheme: NORTH WALES CONNECTION PROJECT					
Document Number:		5.12.1.2			
Document Title:		FIGURE 12.2 LOCAL AND WIDER HYDROLOGICAL AREA OF INFLUENCE FOR SUB-SECTIONS SECTION A			
Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	27/07/2018	HW	27/07/2018	LB	27/07/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:24,000	A3	1 of 6	A	

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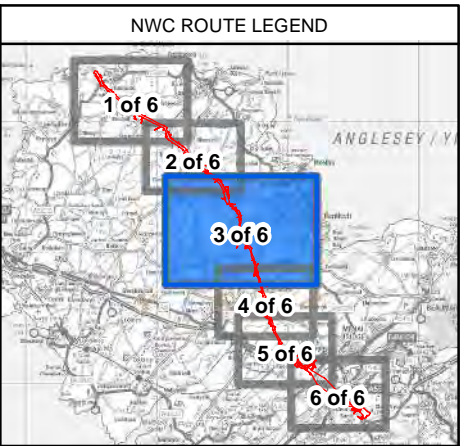
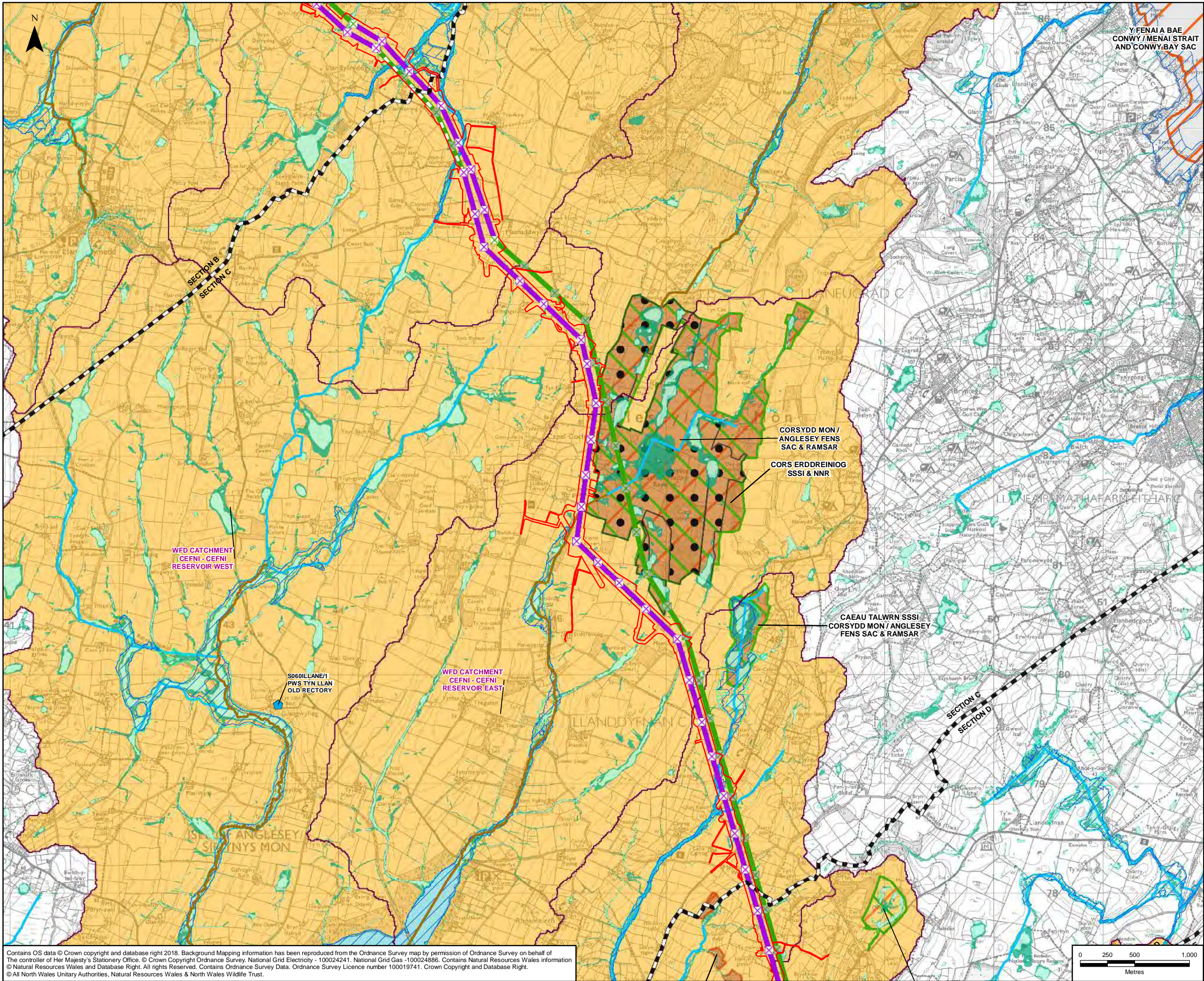
- ORDER LIMITS
- SECTION CUTLINES
- NEW GANTRY (FULL LINE TENSION)
- NEW GANTRY
- GANTRY TO BE REMOVED
- NEW LATTICE PYLON
- NEW LOW HEIGHT LATTICE PYLON
- EXISTING LATTICE PYLON TO BE REMOVED
- EXISTING LATTICE PYLON TO BE MODIFIED
- EXISTING LATTICE PYLON NOT AFFECTED
- NEW OVERHEAD LINE
- EXISTING OVERHEAD LINE TO BE REMOVED
- EXISTING OVERHEAD LINE TO BE MODIFIED
- EXISTING OVERHEAD LINE NOT AFFECTED
- TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND
- CONSTRUCTION COMPOUND
- PROPOSED SUBSTATION EXTENSION FOOTPRINT
- EXISTING 132KV OUTDOOR SUBSTATION
- EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT
- WATER FRAMEWORK DIRECTIVE (WFD) WATER BODY
 - WFD RIVER WATER BODY CATCHMENT
 - WFD COASTAL WATER BODY CATCHMENT
- WFD OVERALL STATUS, RIVER WATER BODIES (NRW, 2015)
 - GOOD
 - MODERATE
- NRW LICENSED FRESHWATER ABSTRACTION
- NATURAL RESOURCES WALES (NRW) FLOOD ZONE 3
- NRW FLOOD ZONE 2
- NRW SURFACE WATER FLOOD EXTENT
 - 1 IN 30 YEAR
 - 1 IN 100 YEAR
 - 1 IN 1000 YEAR
- NRW MAIN RIVER
- RESERVOIR
- FRESH SURFACE WATER DEPENDENT SITE
 - NATIONAL NATURE RESERVE (NNR)
 - RAMSAR SITE
 - SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
 - SPECIAL AREA OF CONSERVATION (SAC)
- LICENSED DISCHARGES
- PRIVATE WATER SUPPLY
- LOCAL HYDROLOGICAL STUDY AREA
- WIDER HYDROLOGICAL STUDY AREA

NOTES

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A	27/07/2018	ENVIRONMENTAL STATEMENT	JF	HW	LB
Rev	Date	Description	GIS	Chk	App
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Document Number: 5.12.1.2					
Document Title: FIGURE 12.2 LOCAL AND WIDER HYDROLOGICAL AREA OF INFLUENCE FOR SUB-SECTIONS SECTION B					
Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	27/07/2018	HW	27/07/2018	LB	27/07/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:20,000	A3	2 of 6	A	

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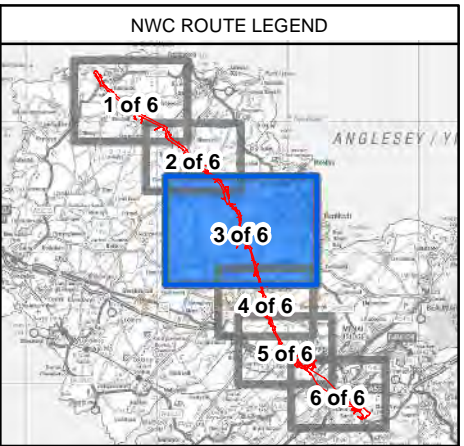
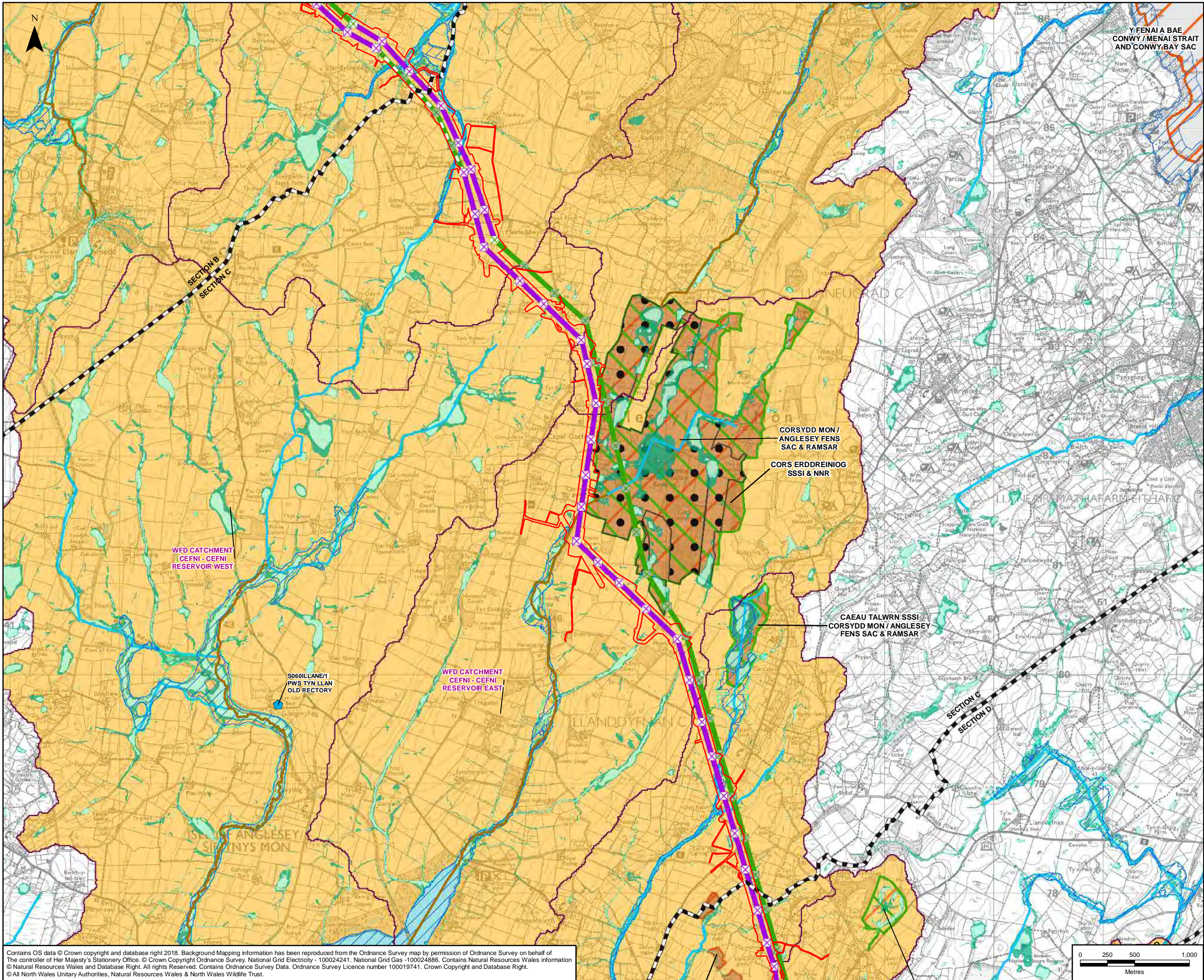


- LEGEND**
- ORDER LIMITS - OPTION A
 - SECTION CUTLINES
 - NEW GANTRY (FULL LINE TENSION)
 - NEW GANTRY
 - GANTRY TO BE REMOVED
 - NEW LATTICE PYLON
 - NEW LOW HEIGHT LATTICE PYLON
 - EXISTING LATTICE PYLON TO BE REMOVED
 - EXISTING LATTICE PYLON TO BE MODIFIED
 - EXISTING LATTICE PYLON NOT AFFECTED
 - NEW OVERHEAD LINE
 - EXISTING OVERHEAD LINE TO BE REMOVED
 - EXISTING OVERHEAD LINE TO BE MODIFIED
 - EXISTING OVERHEAD LINE NOT AFFECTED
 - TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND
 - CONSTRUCTION COMPOUND
 - PROPOSED SUBSTATION EXTENSION FOOTPRINT
 - EXISTING 132KV OUTDOOR SUBSTATION
 - EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT
 - WATER FRAMEWORK DIRECTIVE (WFD) WATER BODY
 - WFD RIVER WATER BODY CATCHMENT
 - WFD COASTAL WATER BODY CATCHMENT
 - WFD OVERALL STATUS, RIVER WATER BODIES (NRW, 2015)
 - GOOD
 - MODERATE
 - NRW LICENSED FRESHWATER ABSTRACTION
 - NATURAL RESOURCES WALES (NRW) FLOOD ZONE 3
 - NRW FLOOD ZONE 2
 - NRW SURFACE WATER FLOOD EXTENT
 - 1 IN 30 YEAR
 - 1 IN 100 YEAR
 - 1 IN 1000 YEAR
 - NRW MAIN RIVER
 - RESERVOIR
 - FRESH SURFACE WATER DEPENDENT SITE
 - NATIONAL NATURE RESERVE (NNR)
 - RAMSAR SITE
 - SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
 - SPECIAL AREA OF CONSERVATION (SAC)
 - LICENSED DISCHARGES
 - PRIVATE WATER SUPPLY
 - LOCAL HYDROLOGICAL STUDY AREA
 - WIDER HYDROLOGICAL STUDY AREA

NOTES					
THIS FIGURE ONLY IDENTIFIES THE RECEPTORS WHICH HAVE BEEN SCOPED IN AS PART OF THE WATER QUALITY RESOURCES AND FLOOD RISK ASSESSMENT.					
A	27/07/2018	ENVIRONMENTAL STATEMENT	JF	HW	LB
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: NORTH WALES CONNECTION PROJECT					
Document Number: 5.12.1.2					
Document Title: FIGURE 12.2 LOCAL AND WIDER HYDROLOGICAL AREA OF INFLUENCE FOR SUB-SECTIONS SECTION C OPTION A					
Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	27/07/2018	HW	27/07/2018	LB	27/07/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:32,000	A3	3 of 6 Option A	A	

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- LEGEND**
- ORDER LIMITS - OPTION B
 - SECTION CUTLINES
 - NEW GANTRY (FULL LINE TENSION)
 - NEW GANTRY
 - GANTRY TO BE REMOVED
 - NEW LATTICE PYLON
 - NEW LOW HEIGHT LATTICE PYLON
 - EXISTING LATTICE PYLON TO BE REMOVED
 - EXISTING LATTICE PYLON TO BE MODIFIED
 - EXISTING LATTICE PYLON NOT AFFECTED
 - NEW OVERHEAD LINE
 - EXISTING OVERHEAD LINE TO BE REMOVED
 - EXISTING OVERHEAD LINE TO BE MODIFIED
 - EXISTING OVERHEAD LINE NOT AFFECTED
 - TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND
 - CONSTRUCTION COMPOUND
 - PROPOSED SUBSTATION EXTENSION FOOTPRINT
 - EXISTING 132KV OUTDOOR SUBSTATION
 - EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT
 - WATER FRAMEWORK DIRECTIVE (WFD) WATER BODY
 - WFD RIVER WATER BODY CATCHMENT
 - WFD COASTAL WATER BODY CATCHMENT
 - WFD OVERALL STATUS, RIVER WATER BODIES (NRW, 2015)
 - GOOD
 - MODERATE
 - NRW LICENSED FRESHWATER ABSTRACTION
 - NATURAL RESOURCES WALES (NRW) FLOOD ZONE 3
 - NRW FLOOD ZONE 2
 - NRW SURFACE WATER FLOOD EXTENT
 - 1 IN 30 YEAR
 - 1 IN 100 YEAR
 - 1 IN 1000 YEAR
 - NRW MAIN RIVER
 - RESERVOIR
 - FRESH SURFACE WATER DEPENDENT SITE
 - NATIONAL NATURE RESERVE (NNR)
 - RAMSAR SITE
 - SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
 - SPECIAL AREA OF CONSERVATION (SAC)
 - LICENSED DISCHARGES
 - PRIVATE WATER SUPPLY
 - LOCAL HYDROLOGICAL STUDY AREA
 - WIDER HYDROLOGICAL STUDY AREA

NOTES

THIS FIGURE ONLY IDENTIFIES THE RECEPTORS WHICH HAVE BEEN SCOPED IN AS PART OF THE WATER QUALITY RESOURCES AND FLOOD RISK ASSESSMENT.

A	27/07/2018	ENVIRONMENTAL STATEMENT	JF	HW	LB
Rev	Date	Description	GIS	Chk	App

nationalgrid

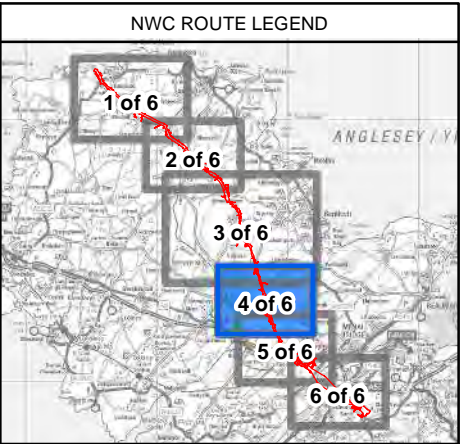
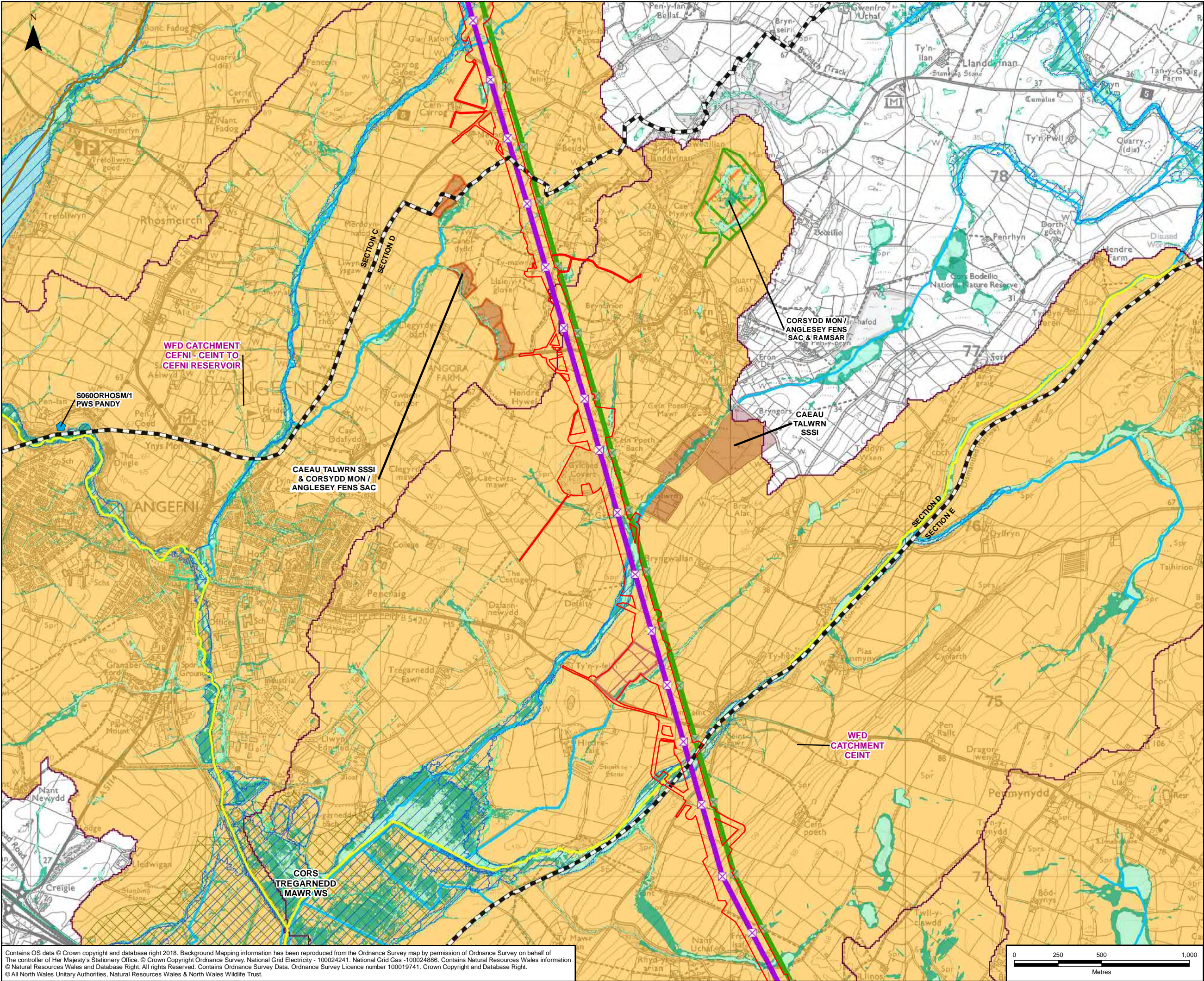
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Document Number: 5.12.1.2

Document Title: FIGURE 12.2
LOCAL AND WIDER HYDROLOGICAL AREA OF INFLUENCE
FOR SUB-SECTIONS
SECTION C OPTION B

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JF	27/07/2018	HW	27/07/2018	LB	27/07/2018

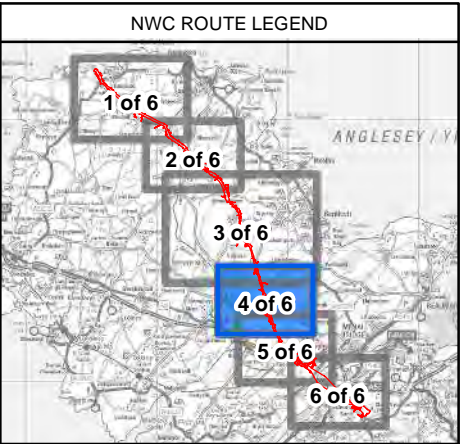
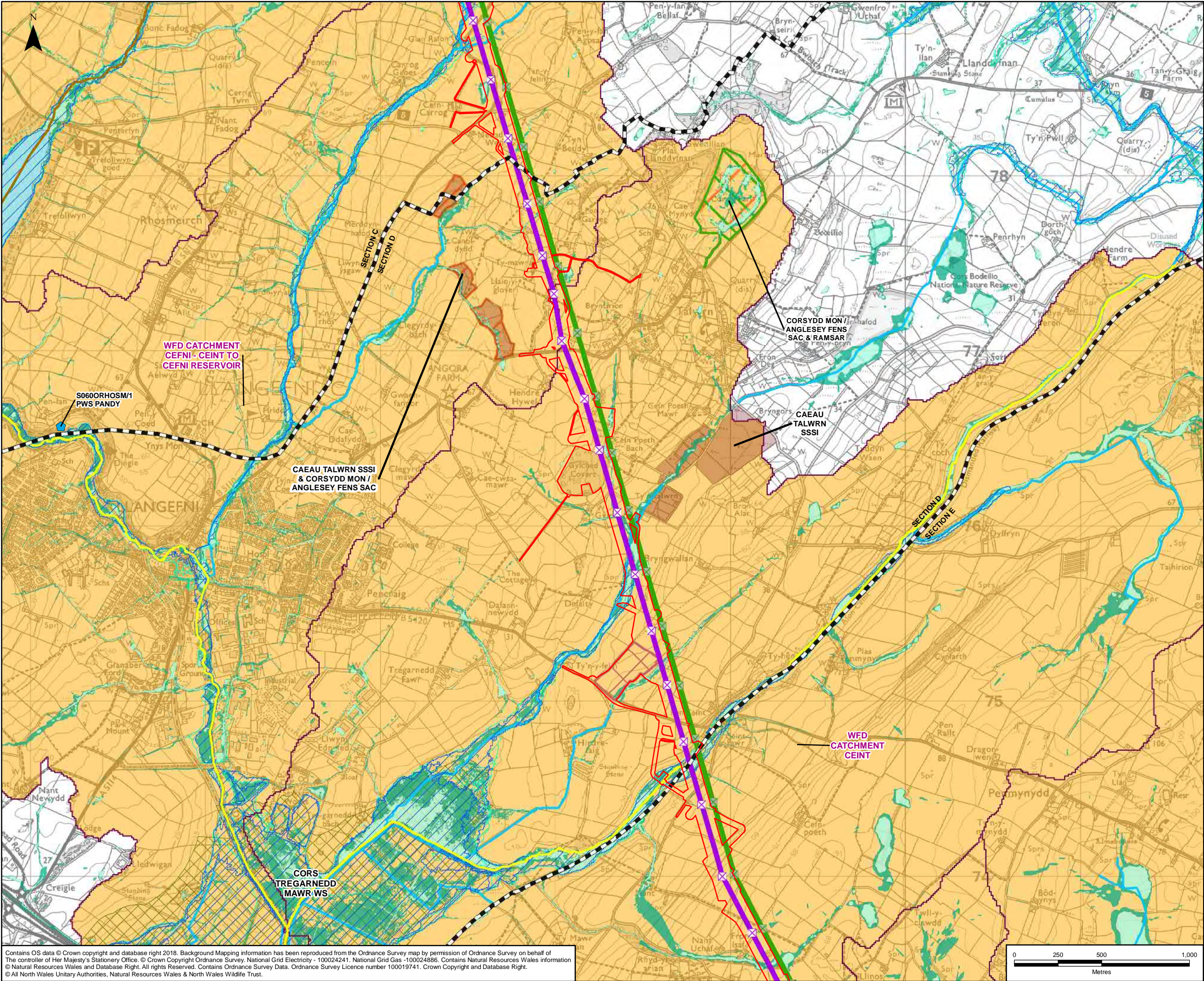
Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:32,000	A3	3 of 6 Option B	A



LEGEND

- ORDER LIMITS - OPTION A
- SECTION CUTLINES
- NEW GANTRY (FULL LINE TENSION)
- NEW GANTRY
- GANTRY TO BE REMOVED
- NEW LATTICE PYLON
- NEW LOW HEIGHT LATTICE PYLON
- EXISTING LATTICE PYLON TO BE REMOVED
- EXISTING LATTICE PYLON TO BE MODIFIED
- EXISTING LATTICE PYLON NOT AFFECTED
- NEW OVERHEAD LINE
- EXISTING OVERHEAD LINE TO BE REMOVED
- EXISTING OVERHEAD LINE TO BE MODIFIED
- EXISTING OVERHEAD LINE NOT AFFECTED
- TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND
- CONSTRUCTION COMPOUND
- PROPOSED SUBSTATION EXTENSION FOOTPRINT
- EXISTING 132KV OUTDOOR SUBSTATION
- EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT
- WATER FRAMEWORK DIRECTIVE (WFD) WATER BODY
 - WFD RIVER WATER BODY CATCHMENT
 - WFD COASTAL WATER BODY CATCHMENT
- WFD OVERALL STATUS, RIVER WATER BODIES (NRW, 2015)
 - GOOD
 - MODERATE
- NRW LICENSED FRESHWATER ABSTRACTION
- NATURAL RESOURCES WALES (NRW) FLOOD ZONE 3
- NRW FLOOD ZONE 2
- NRW SURFACE WATER FLOOD EXTENT
 - 1 IN 30 YEAR
 - 1 IN 100 YEAR
 - 1 IN 1000 YEAR
- NRW MAIN RIVER
- RESERVOIR
- FRESH SURFACE WATER DEPENDENT SITE
 - NATIONAL NATURE RESERVE (NNR)
 - RAMSAR SITE
 - SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
 - SPECIAL AREA OF CONSERVATION (SAC)
- LICENSED DISCHARGES
- PRIVATE WATER SUPPLY
- LOCAL HYDROLOGICAL STUDY AREA
- WIDER HYDROLOGICAL STUDY AREA

NOTES					
THIS FIGURE ONLY IDENTIFIES THE RECEPTORS WHICH HAVE BEEN SCOPED IN AS PART OF THE WATER QUALITY RESOURCES AND FLOOD RISK ASSESSMENT.					
A	27/07/2018	ENVIRONMENTAL STATEMENT	JF	HW	LB
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: NORTH WALES CONNECTION PROJECT					
Document Number: 5.12.1.2					
Document Title: FIGURE 12.2 LOCAL AND WIDER HYDROLOGICAL AREA OF INFLUENCE FOR SUB-SECTIONS SECTION D OPTION A					
Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	27/07/2018	HW	27/07/2018	LB	27/07/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:20,000	A3	4 of 6 Option A	A	



- LEGEND**
- ORDER LIMITS - OPTION B
 - SECTION CUTLINES
 - NEW GANTRY (FULL LINE TENSION)
 - NEW GANTRY
 - GANTRY TO BE REMOVED
 - NEW LATTICE PYLON
 - NEW LOW HEIGHT LATTICE PYLON
 - EXISTING LATTICE PYLON TO BE REMOVED
 - EXISTING LATTICE PYLON TO BE MODIFIED
 - EXISTING LATTICE PYLON NOT AFFECTED
 - NEW OVERHEAD LINE
 - EXISTING OVERHEAD LINE TO BE REMOVED
 - EXISTING OVERHEAD LINE TO BE MODIFIED
 - EXISTING OVERHEAD LINE NOT AFFECTED
 - TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND
 - CONSTRUCTION COMPOUND
 - PROPOSED SUBSTATION EXTENSION FOOTPRINT
 - EXISTING 132kV OUTDOOR SUBSTATION
 - EXISTING NATIONAL GRID 400kV SUBSTATION FOOTPRINT
 - WATER FRAMEWORK DIRECTIVE (WFD) WATER BODY
 - WFD RIVER WATER BODY CATCHMENT
 - WFD COASTAL WATER BODY CATCHMENT
 - WFD OVERALL STATUS, RIVER WATER BODIES (NRW, 2015)
 - GOOD
 - MODERATE
 - NRW LICENSED FRESHWATER ABSTRACTION
 - NATURAL RESOURCES WALES (NRW) FLOOD ZONE 3
 - NRW FLOOD ZONE 2
 - NRW SURFACE WATER FLOOD EXTENT
 - 1 IN 30 YEAR
 - 1 IN 100 YEAR
 - 1 IN 1000 YEAR
 - NRW MAIN RIVER
 - RESERVOIR
 - FRESH SURFACE WATER DEPENDENT SITE
 - NATIONAL NATURE RESERVE (NNR)
 - RAMSAR SITE
 - SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
 - SPECIAL AREA OF CONSERVATION (SAC)
 - LICENSED DISCHARGES
 - PRIVATE WATER SUPPLY
 - LOCAL HYDROLOGICAL STUDY AREA
 - WIDER HYDROLOGICAL STUDY AREA

NOTES

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Rev	Date	Description	GIS	Chk	App

nationalgrid

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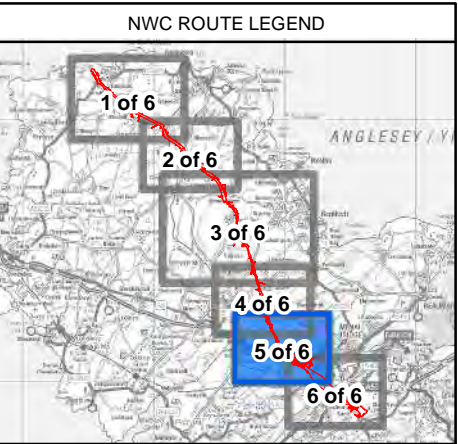
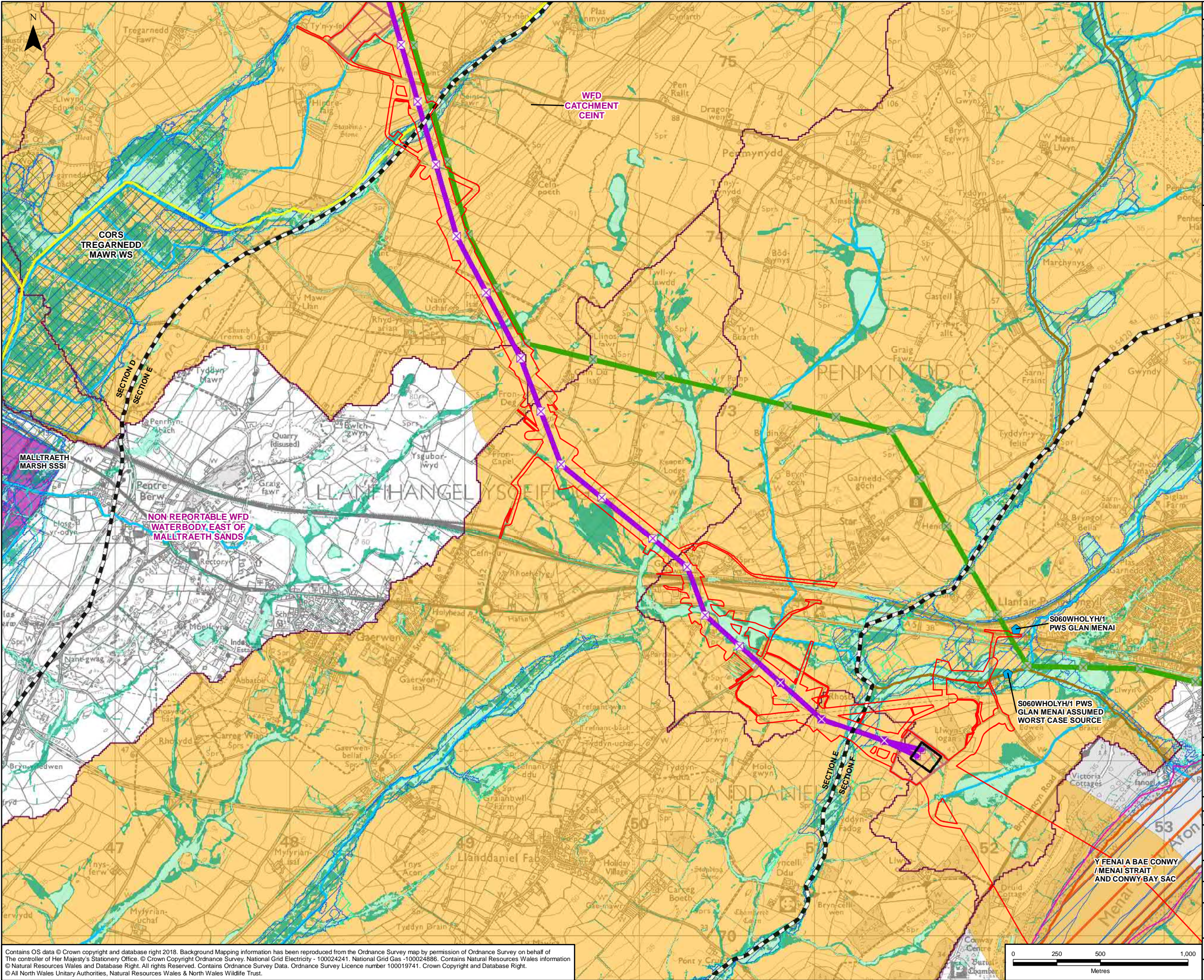
Document Number: 5.12.1.2

Document Title: FIGURE 12.2
LOCAL AND WIDER HYDROLOGICAL AREA OF INFLUENCE
FOR SUB-SECTIONS
SECTION D OPTION B

Creator: JF	Date: 27/07/2018	Checker: HW	Date: 27/07/2018	Approver: LB	Date: 27/07/2018
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 4 of 6 Option B	Rev: A	

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LEGEND

- ORDER LIMITS
- SECTION CUTLINES
- NEW GANTRY (FULL LINE TENSION)
- NEW GANTRY
- GANTRY TO BE REMOVED
- NEW LATTICE PYLON
- NEW LOW HEIGHT LATTICE PYLON
- EXISTING LATTICE PYLON TO BE REMOVED
- EXISTING LATTICE PYLON TO BE MODIFIED
- EXISTING LATTICE PYLON NOT AFFECTED
- NEW OVERHEAD LINE
- EXISTING OVERHEAD LINE TO BE REMOVED
- EXISTING OVERHEAD LINE TO BE MODIFIED
- EXISTING OVERHEAD LINE NOT AFFECTED
- TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND
- CONSTRUCTION COMPOUND
- PROPOSED SUBSTATION EXTENSION FOOTPRINT
- EXISTING 132KV OUTDOOR SUBSTATION
- EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT
- WATER FRAMEWORK DIRECTIVE (WFD) WATER BODY
- WFD RIVER WATER BODY CATCHMENT
- WFD COASTAL WATER BODY CATCHMENT
- WFD OVERALL STATUS, RIVER WATER BODIES (NRW, 2015)
- GOOD
- MODERATE
- NRW LICENSED FRESHWATER ABSTRACTION
- NATURAL RESOURCES WALES (NRW) FLOOD ZONE 3
- NRW FLOOD ZONE 2
- NRW SURFACE WATER FLOOD EXTENT
- 1 IN 30 YEAR
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- 1 IN 1000 YEAR
- NRW MAIN RIVER
- RESERVOIR
- FRESH SURFACE WATER DEPENDENT SITE
- NATIONAL NATURE RESERVE (NNR)
- RAMSAR SITE
- SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL AREA OF CONSERVATION (SAC)
- LICENSED DISCHARGES
- PRIVATE WATER SUPPLY
- LOCAL HYDROLOGICAL STUDY AREA
- WIDER HYDROLOGICAL STUDY AREA

NOTES

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A	27/07/2018	ENVIRONMENTAL STATEMENT	JF	HW	LB
Rev	Date	Description	GIS	Chk	App

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Scheme: NORTH WALES CONNECTION PROJECT

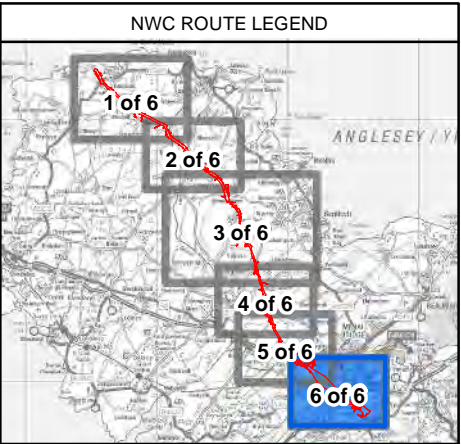
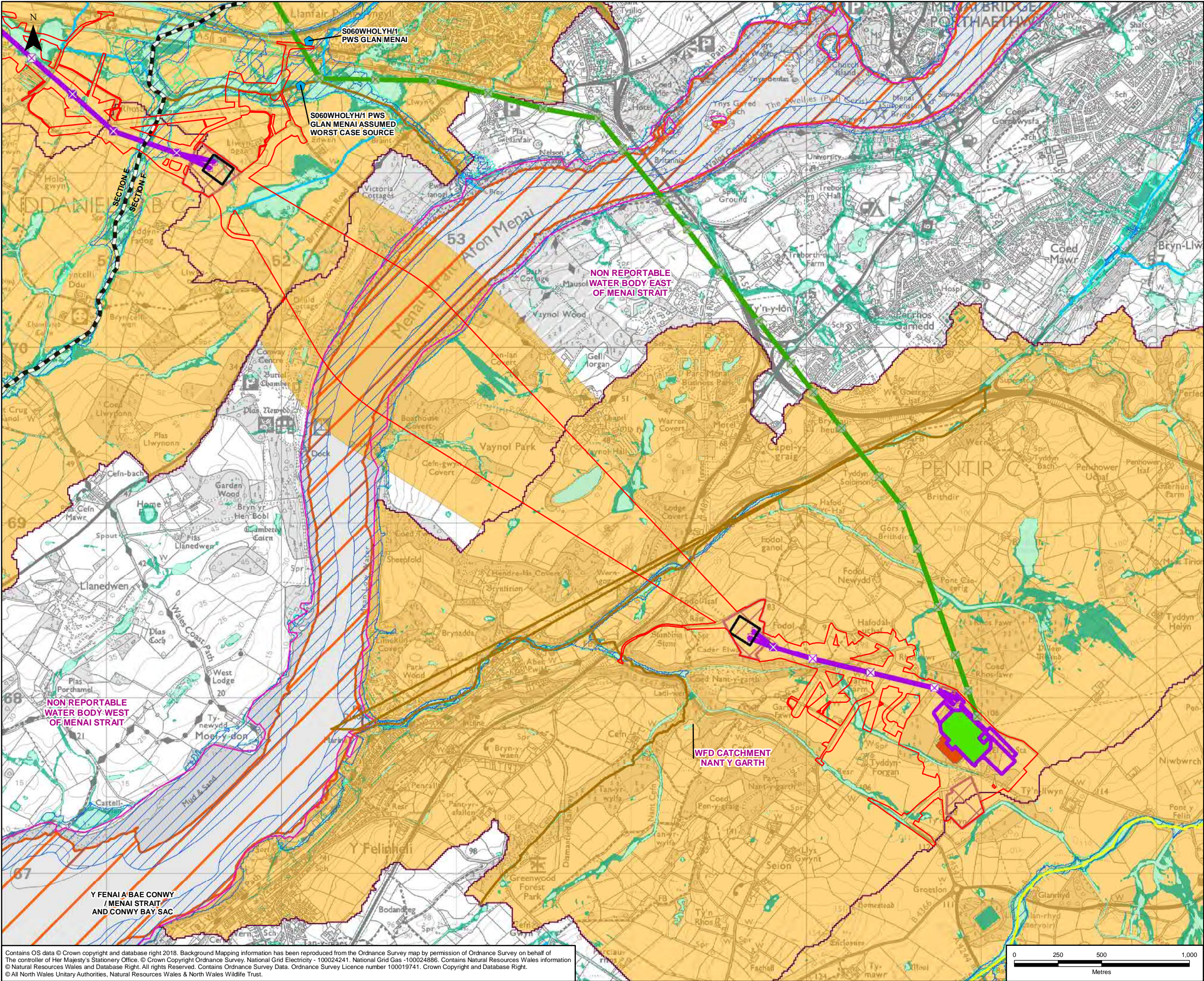
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Document Title: FIGURE 12.2 LOCAL AND WIDER HYDROLOGICAL AREA OF INFLUENCE FOR SUB-SECTIONS SECTION E

Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	27/07/2018	HW	27/07/2018	LB	27/07/2018

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:20,000	A3	5 of 6	A

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LEGEND

- ORDER LIMITS
- SECTION CUTLINES
- NEW GANTRY (FULL LINE TENSION)
- NEW GANTRY
- GANTRY TO BE REMOVED
- NEW LATTICE PYLON
- NEW LOW HEIGHT LATTICE PYLON
- EXISTING LATTICE PYLON TO BE REMOVED
- EXISTING LATTICE PYLON TO BE MODIFIED
- EXISTING LATTICE PYLON NOT AFFECTED
- NEW OVERHEAD LINE
- EXISTING OVERHEAD LINE TO BE REMOVED
- EXISTING OVERHEAD LINE TO BE MODIFIED
- EXISTING OVERHEAD LINE NOT AFFECTED
- TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND
- CONSTRUCTION COMPOUND
- PROPOSED SUBSTATION EXTENSION FOOTPRINT
- EXISTING 132KV OUTDOOR SUBSTATION
- EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT

WATER FRAMEWORK DIRECTIVE (WFD) WATER BODY

- WFD RIVER WATER BODY CATCHMENT
- WFD COASTAL WATER BODY CATCHMENT

WFD OVERALL STATUS, RIVER WATER BODIES (NRW, 2015)

- GOOD
- MODERATE

NRW LICENSED FRESHWATER ABSTRACTION

- NATURAL RESOURCES WALES (NRW) FLOOD ZONE 3
- NRW FLOOD ZONE 2

NRW SURFACE WATER FLOOD EXTENT

- 1 IN 30 YEAR
- 1 IN 100 YEAR
- 1 IN 1000 YEAR

NRW MAIN RIVER

- RESERVOIR

FRESH SURFACE WATER DEPENDENT SITE

- NATIONAL NATURE RESERVE (NNR)
- RAMSAR SITE
- SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- SPECIAL AREA OF CONSERVATION (SAC)
- LICENSED DISCHARGES
- PRIVATE WATER SUPPLY
- LOCAL HYDROLOGICAL STUDY AREA
- WIDER HYDROLOGICAL STUDY AREA

NOTES

THIS FIGURE ONLY IDENTIFIES THE RECEPTORS WHICH HAVE BEEN SCOPED IN AS PART OF THE WATER QUALITY RESOURCES AND FLOOD RISK ASSESSMENT.

A	27/07/2018	ENVIRONMENTAL STATEMENT	JF	HW	LB
Rev	Date	Description	GIS	Chk	App

nationalgrid

Scheme: NORTH WALES CONNECTION PROJECT

Document Number: 5.12.1.2

Document Title: FIGURE 12.2
LOCAL AND WIDER HYDROLOGICAL AREA OF INFLUENCE
FOR SUB-SECTIONS
SECTION F

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