

Location Plan :



Legend:

- Flood Extents**
- Fluvial - Indicative 1% AEP (100-yr) Event
 - Fluvial - Extreme Event
 - Coastal - Indicative 0.5% AEP (200-yr) Event
 - Coastal - Extreme Event
 - Pluvial - Indicative 1% AEP (100-yr) Event
 - Pluvial - Extreme Event
 - Groundwater Flood Extents
- Lakes / Turloughs**
- Lakes / Turloughs
- PFRA Outcomes**
- ✱ Probable Area for Further Assessment
 - ✱ Possible Area for Further Assessment

Important User Note

The flood extents shown on these maps are based on broad-scale simple analysis and may not be accurate for a specific location. Information on the purpose, development and limitations of these maps is available in the relevant reports (see www.dfram.ie). Users should seek professional advice if they intend to rely on the maps in any way.

If you believe that the maps are inaccurate in some way please forward full details by contacting the OPW (refer to PFRA Information leaflets or 'Have Your Say on www.dfram.ie').



Project: PRELIMINARY FLOOD RISK ASSESSMENT (PFRA)

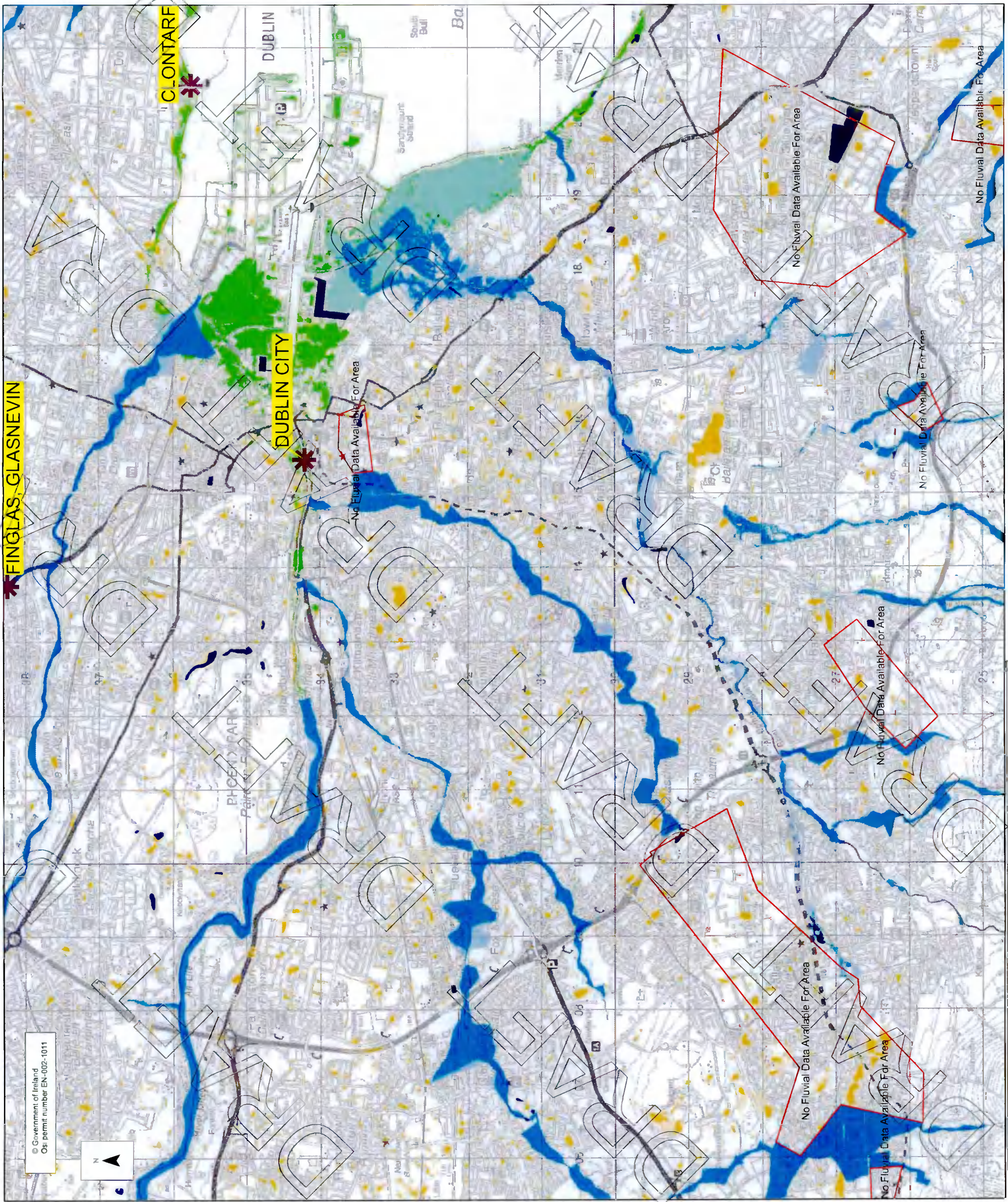
Map: PFRA Indicative extents and outcomes - Draft for Consultation

Figure By: P.J.W. **Date:** July 2011

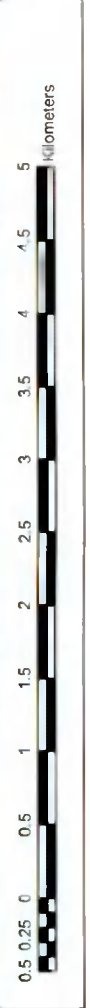
Checked By: M.A. **Date:** July 2011

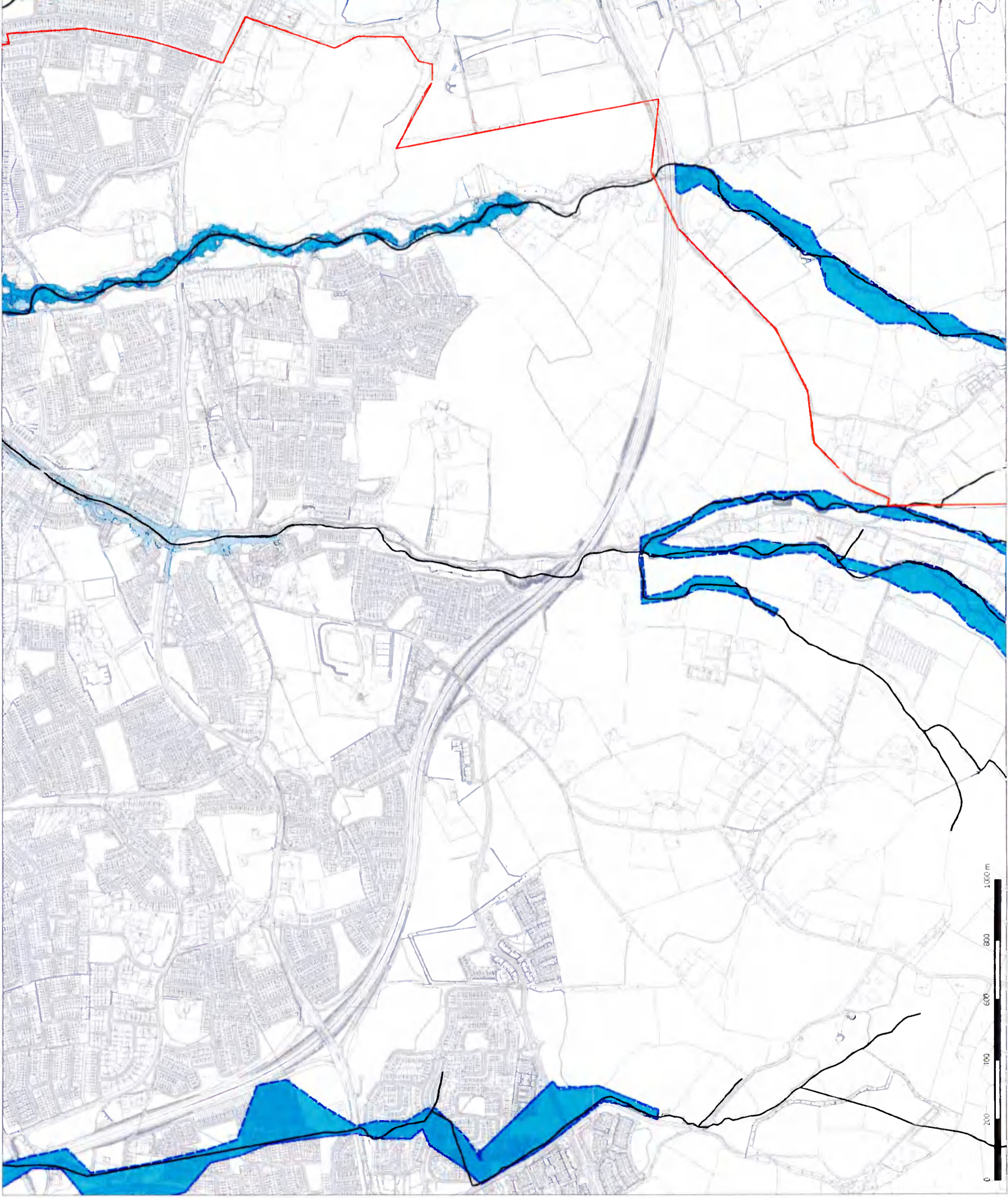
Figure No.: 2019 / MAP / 238 / A **Revision:** 0

Drawing Scale: 1:150,000 **Plot Scale:** 1:1 A3









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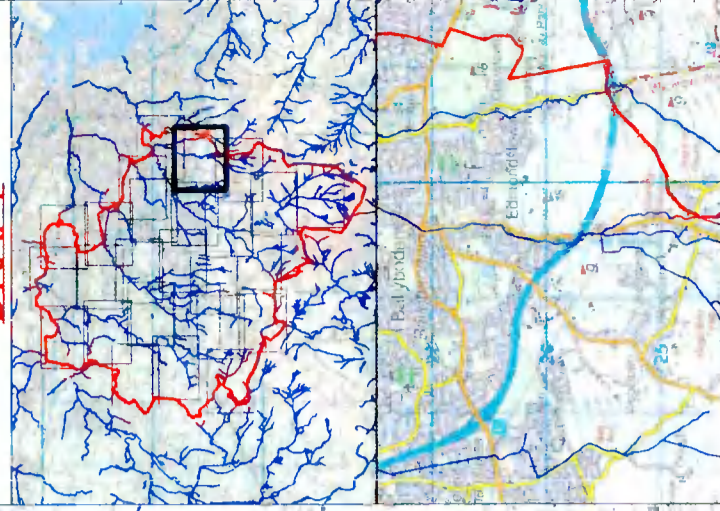




Legend

-  Flood Zone A - 1% AEP Flood Extent (1 in 100 chance in any given year)
-  Flood Zone B - 1% AEP Flood Extent (1 in 1000 chance in any given year)
-  Defended Area
-  Watercourse Centreline
-  Indicative Flood Extents
-  County Boundary

DRAFT



Project Strategic Flood Risk Assessment

Title Fluvial Flood Zone Mapping

Figure MDW657_0017



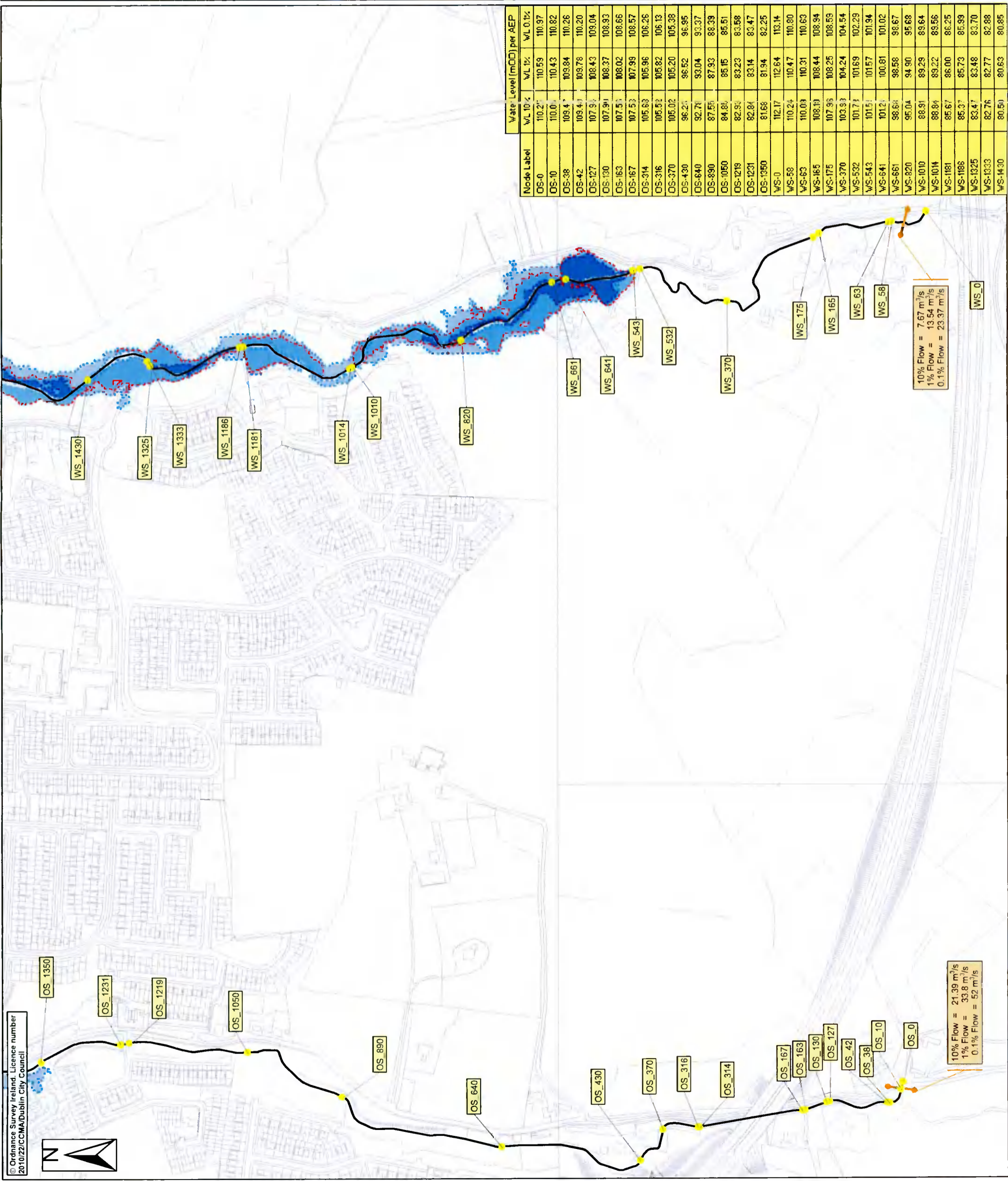
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Issue Details

Drawn:	BT	Project No.:	MDW657
Checked:	JH	File Ref:	MDW6570001002
Approved:	JH	Drawing No.:	Projection
Scale:	1:6000 @ A1	17 of 26	15
Date:	14/01/2016		

NOTES
1. The viewer of this map should refer to the SRA Report and Disclaimer
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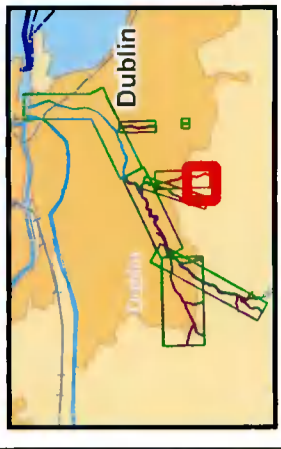


Node Label	Water Level (mOD) per AEP		
	WL 10%	WL 1%	WL 0.1%
OS-0	110.27	110.59	110.97
OS-10	110.0	110.43	110.82
OS-38	109.4	109.84	110.26
OS-42	109.4	109.78	110.20
OS-127	107.9	108.43	109.04
OS-130	107.91	108.37	108.93
OS-163	107.5	108.02	108.66
OS-167	107.5	107.99	108.57
OS-314	105.63	105.96	106.26
OS-316	105.52	105.82	106.13
OS-370	105.02	105.20	105.38
OS-430	96.2	96.52	96.95
OS-640	92.7	93.04	93.37
OS-890	87.55	87.93	88.39
OS-1050	84.8	85.15	85.51
OS-1219	82.9	83.23	83.58
OS-1231	82.84	83.14	83.47
OS-1350	81.68	81.94	82.25
WS-0	112.17	112.64	113.14
WS-58	110.24	110.47	110.80
WS-63	110.03	110.31	110.63
WS-165	108.19	108.44	108.94
WS-175	107.95	108.25	108.53
WS-370	103.3	104.24	104.54
WS-532	101.7	101.69	102.29
WS-543	101.5	101.57	101.94
WS-641	101.2	100.81	101.02
WS-661	98.68	98.58	98.67
WS-820	95.04	94.90	95.68
WS-1010	88.91	89.29	89.64
WS-1014	88.84	89.22	89.56
WS-1181	85.67	86.00	86.25
WS-1186	85.37	85.73	85.99
WS-1325	83.47	83.48	83.70
WS-1333	82.76	82.77	82.88
WS-1430	80.51	80.63	80.85

10% Flow = 7.67 m³/s
 1% Flow = 13.54 m³/s
 0.1% Flow = 23.37 m³/s

10% Flow = 21.39 m³/s
 1% Flow = 33.8 m³/s
 0.1% Flow = 52 m³/s

Location Plan:



Legend:

- 10% AEP Flood Extent (1 in 10 chance in any given year)
- 1% AEP Flood Extent (1 in 100 chance in any given year)
- 0.1% AEP Flood Extent (1 in 1000 chance in any given year)
- Defended Area
- High Confidence (<20m) (10% AEP)
- Medium Confidence (<40m) (10% AEP)
- Low Confidence (>40m) (10% and 0.1% AEP)
- High Confidence (<20m) (1% AEP)
- Medium Confidence (<40m) (1% AEP)
- Low Confidence (>40m) (1% AEP)
- River Centreline
- Node Point
- Node Label (refer to table)
- Flow reporting location
- Peak flow during design flood extent

USER NOTE:

USERS OF THESE MAPS SHOULD REFER TO THE DETAILED DESCRIPTION OF THEIR OBSERVATION LIMITATIONS IN ACCURACY AND GUIDANCE AND CONDITIONS OF USE PROVIDED AT THE FRONT OF THIS BOUND VOLUME. IF THIS MAP DOES NOT FORM PART OF BOUND VOLUME, IT SHOULD NOT BE USED FOR ANY PURPOSE.

Client:



Project:

DODDER CATCHMENT FLOOD RISK ASSESSMENT AND MANAGEMENT STUDY

Map:

PRESENT DAY OWENDHOHER & WHITECHURCH

Map Type: FLOOD EXTENT

Source: FLUVIAL FLOODING

Map Area: URBAN AREA

Scenario: CURRENT

Drawn By: A.A.B. Date: 26 November 2010

Checked By: A.J. Date: 26 November 2010

Approved By: A.C.B. Date: 26 November 2010

Figure No.:

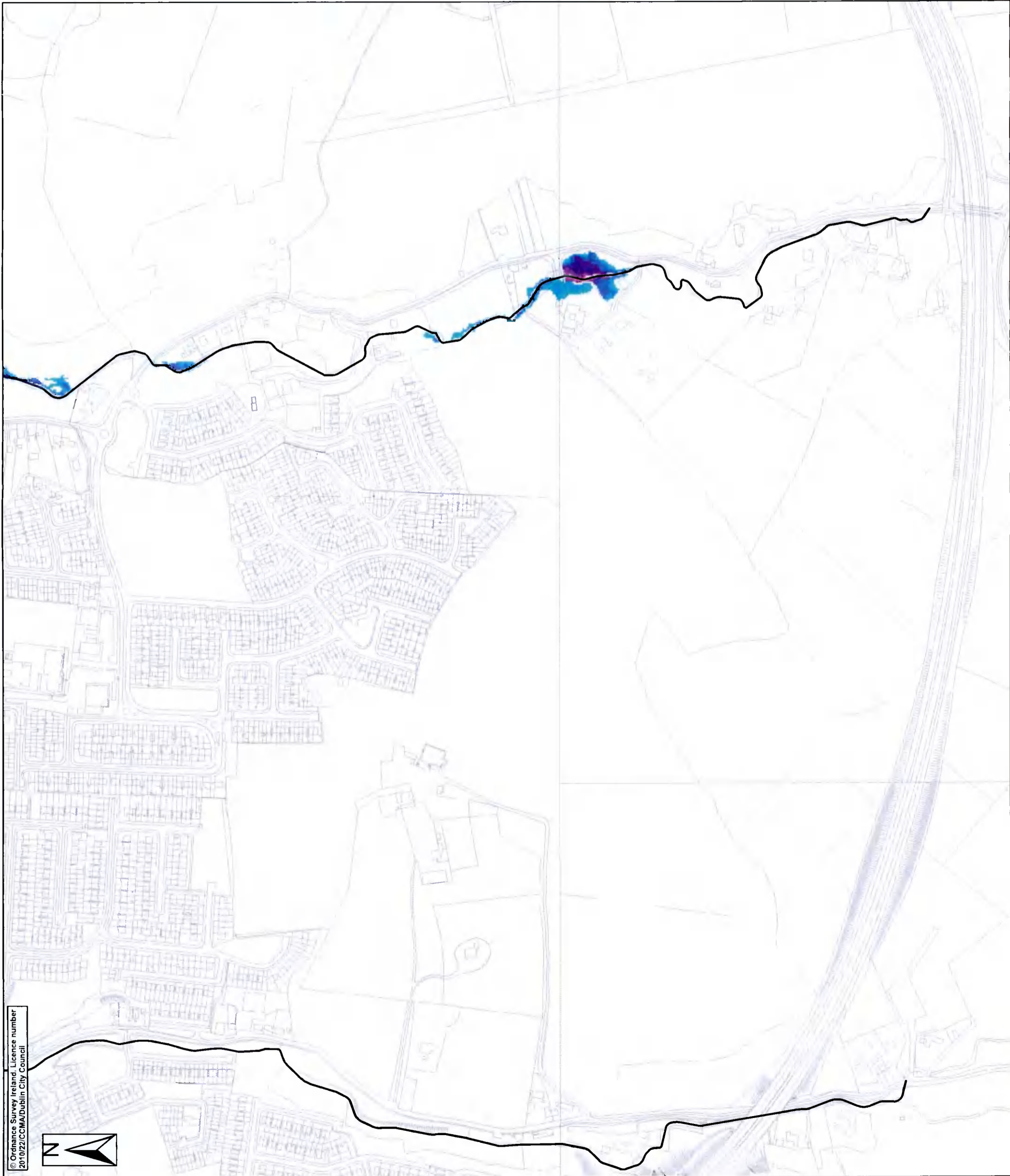
OSWS/EXT/UA/CURS/103

Map Series: Page 1 of 3

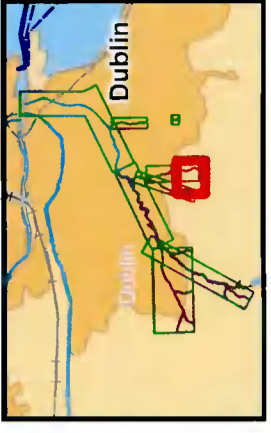
Drawing Scale: 1:5,000 Plot Scale: 1:1 @ A3



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Location Plan:



Legend:

- Depth Grid [m]**
- 0 - 0.25 m
 - 0.25 - 0.50 m
 - 0.50 - 1.00 m
 - 1.00 - 1.50 m
 - 1.5 - 2.00 m
 - > 2.00 m
- River Centreline

USER NOTE:
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Client:



Project:

DODDER CATCHMENT FLOOD RISK ASSESSMENT AND MANAGEMENT STUDY

Map:

OWENDOHER AND WHITECHURCH

Map Type: DEPTH

Return Period: 10% AEP EVENT

Source: FLUVIAL FLOODING

Map Area: URBAN AREA

Scenario: CURRENT

Drawn By: A.A.B Date: 2 December 2010

Checked By: A.J Date: 2 December 2010

Approved By: A.C.B Date: 2 December 2010

Figure No.:

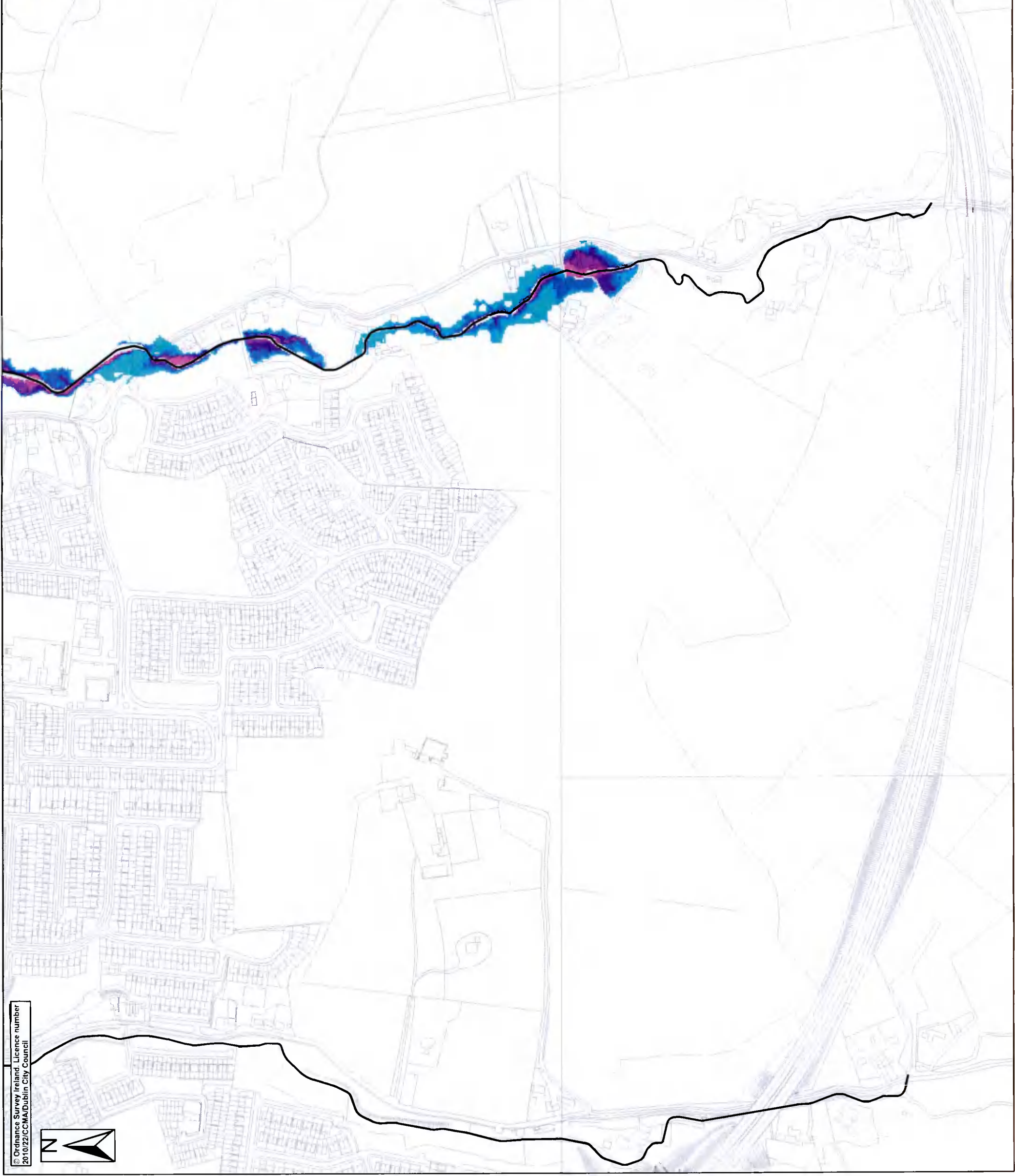
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Map Series: Page 1 of 2

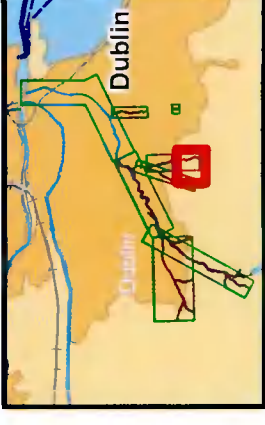
Drawing Scale: 1:5,000 Plot Scale: 1:1 @ A3



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Location Plan:



Legend:

- Depth Grid [m]**
- 0 - 0.25 m
 - 0.25 - 0.50 m
 - 0.50 - 1.00 m
 - 1.00 - 1.50 m
 - 1.5 - 2.00 m
 - > 2.00 m
- River Centreline

USER NOTE

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Client:



Project:

DODDER CATCHMENT FLOOD RISK ASSESSMENT AND MANAGEMENT STUDY

Map:

DODDER

Map Type: DEPTH

Return Period: 1% AEP EVENT

Source: FLUVIAL FLOODING

Map Area: URBAN AREA

Scenario: CURRENT

Drawn By: A.A.B Date: 26 November 2010

Checked By: A.J. Date: 26 November 2010

Approved By: A.G.B Date: 26 November 2010

Figure No.:

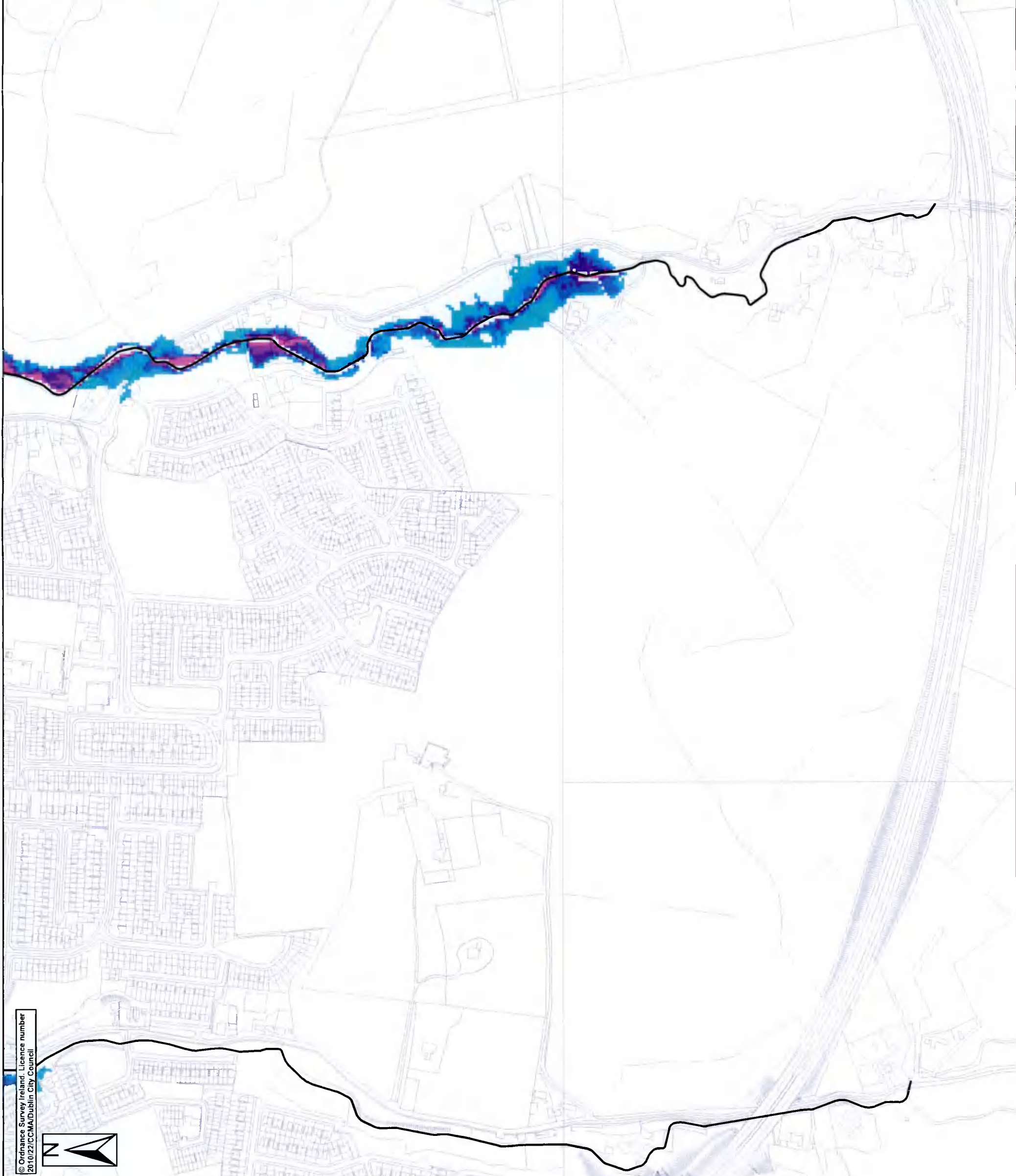
OWSW/EXT/UA/DEP/100/103D

Map Series: Page 1 of 3

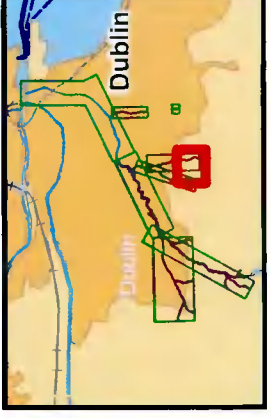
Drawing Scale: 1:5,000 Plot Scale: 1:1 @ A3



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Location Plan:



Legend:

- Depth Grid [m]**
- 0 - 0.25 m
 - 0.25 - 0.50 m
 - 0.50 - 1.00 m
 - 1.00 - 1.50 m
 - 1.5 - 2.00 m
 - > 2.00 m
- River Centreline

USER NOTE:
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Client:



Project:

DODDER CATCHMENT FLOOD RISK ASSESSMENT AND MANAGEMENT STUDY

Map:

OWENDOHER & WHITECHURCH

Map Type:

DEPTH

Return Period:

0.1% AEP EVENT

Source:

FLUVIAL FLOODING

Map Area:

URBAN AREA

Scenario:

CURRENT

Drawn By:

A.A.B

Date:

26 November 2010

Checked By:

A.J.

Date:

26 November 2010

Approved By:

A.G.B

Date:

26 November 2010

Figure No.:

OSWS/EXT/UA/DEP/1000/103A

Map Series:

Page 1 of 3

Drawing Scale:

1: 5,000

Plot Scale:

1:1 @ A3

Scale:

0 0.1 0.2 Kilometers

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