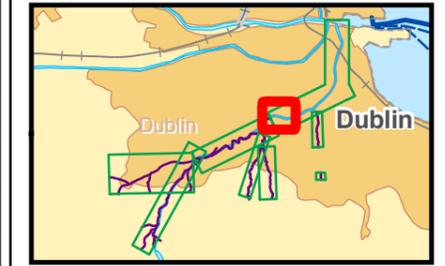


Location Plan:



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
- OS_2975 Node Label (refer to table)
- Flow reporting location
- 10% Flow = 1.20
1% Flow = 1.56
0.1% Flow = 2.17 Peak flow during design flood extent

USER NOTE:

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Client:



Project:

DODDER CATCHMENT FLOOD RISK ASSESSMENT AND MANAGEMENT STUDY

Map:

PRESENT DAY DODDER

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

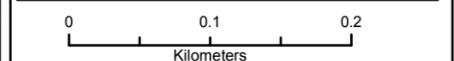
Approved By: A.G.B Date: 26 November 2010

Figure No.:

DR/EXT/UA/CURS/101

Map Series: Page 6 of 12

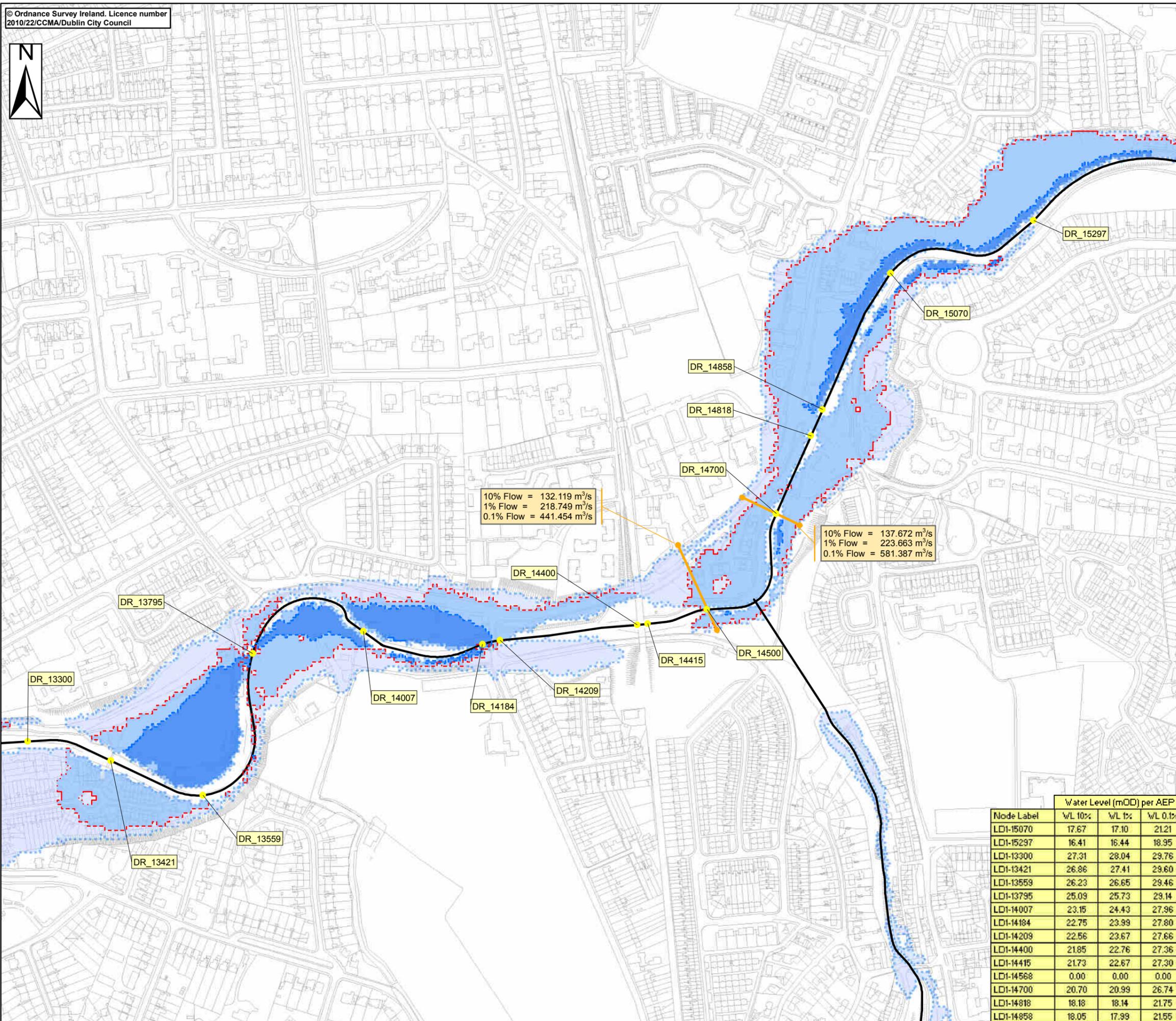
Drawing Scale: 1: 5,000 Plot Scale: 1:1 @ A3



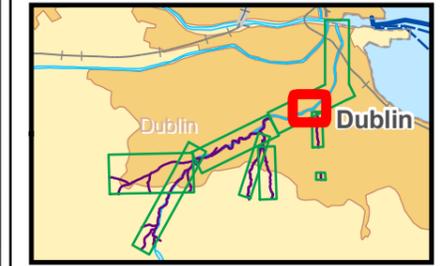
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74 BOUCHER ROAD FAX : 028 9066 8286
BELFAST BT12 6RZ www.rpsgroup.com/Ireland

| Node Label | Water Level (mOD) per AEP | | |
|------------|---------------------------|--------|----------|
| | W/L 10% | W/L 1% | W/L 0.1% |
| MDS1-11399 | 36.81 | 37.44 | 38.25 |
| MDS1-11568 | 35.73 | 36.20 | 36.82 |
| LD1-11819 | 35.09 | 35.82 | 37.20 |
| LD1-11785 | 35.25 | 35.92 | 37.31 |
| LD1-11883 | 34.91 | 35.48 | 36.73 |
| LD1-12085 | 31.93 | 32.53 | 33.77 |
| LD1-12390 | 31.51 | 31.97 | 33.08 |
| LD1-12586 | 31.12 | 31.41 | 32.58 |
| LD1-12757 | 30.62 | 31.07 | 32.06 |
| LD1-12896 | 30.15 | 30.48 | 31.85 |
| LD1-13066 | 29.57 | 30.01 | 31.54 |
| LD1-13098 | 29.47 | 29.94 | 31.47 |
| LD1-13148 | 0.00 | 0.00 | 0.00 |
| LD1-13192 | 29.16 | 29.67 | 31.35 |
| LD1-13300 | 27.31 | 28.04 | 29.76 |



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)
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 - Medium Confidence (<40m) (10% AEP)
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 - River Centreline
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 - OS_2975 Node Label (refer to table)
 - Flow reporting location
- 10% Flow = 1.20
1% Flow = 1.56
0.1% Flow = 2.17
Peak flow during design flood extent

USER NOTE:

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Client:



Project:

DODDER CATCHMENT FLOOD RISK ASSESSMENT AND MANAGEMENT STUDY

Map:

PRESENT DAY DODDER

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

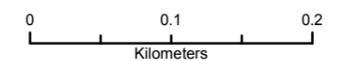
Approved By: A.G.B Date: 26 November 2010

Figure No.:

DR/EXT/UA/CURS/101

Map Series: Page 7 of 12

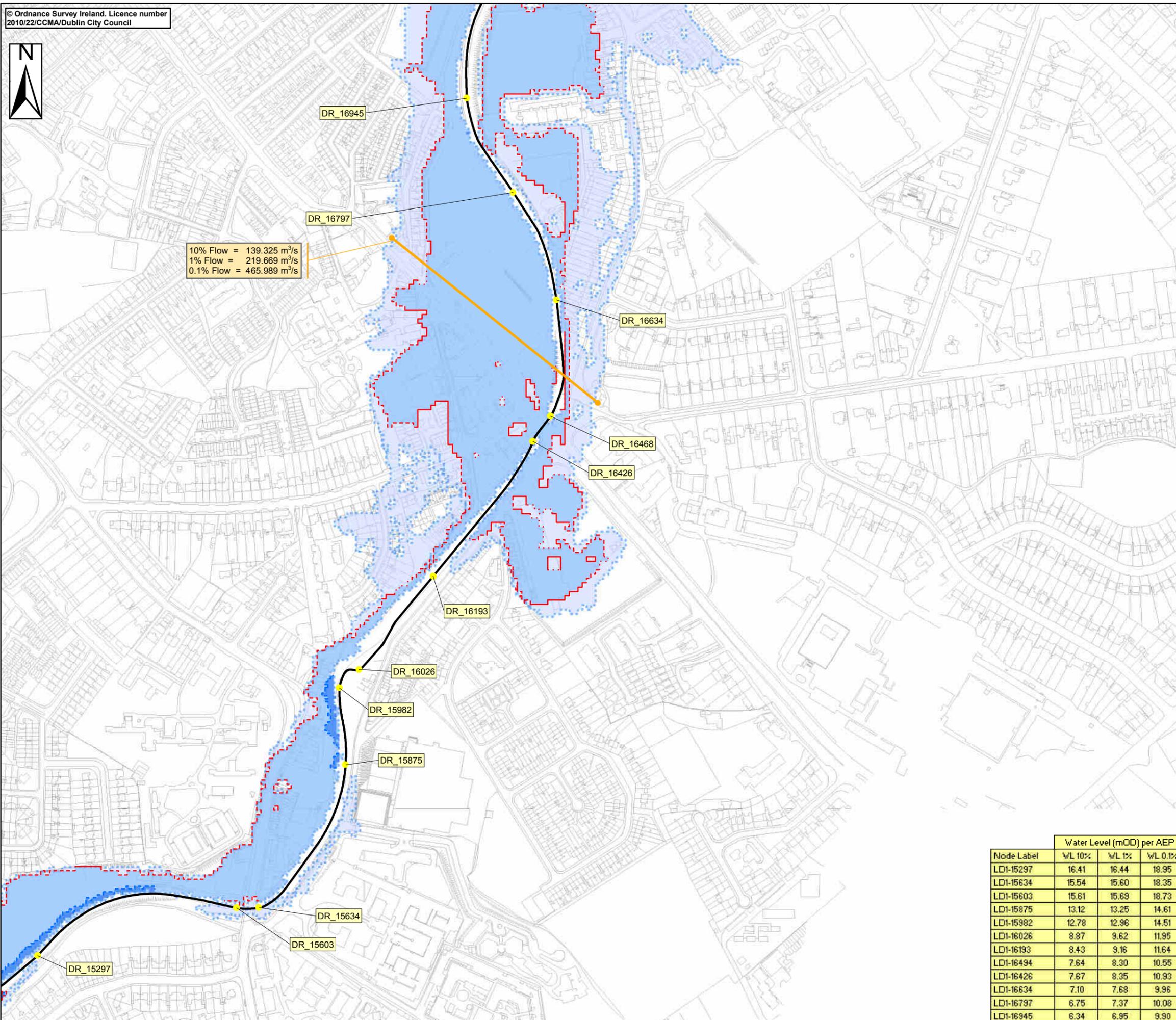
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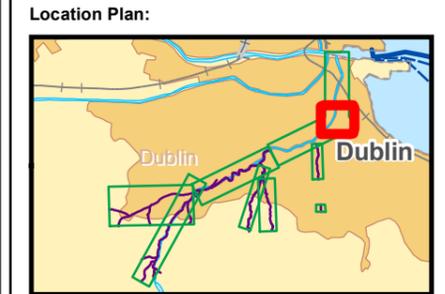
RPS Consulting Engineers

ELMWOOD HOUSE 74 BOUCHER ROAD BELFAST BT12 6RZ
TEL : 028 9066 7914 FAX : 028 9066 8286 www.rpsgroup.com/Ireland

| Node Label | Water Level (mOD) per AEP | | |
|------------|---------------------------|--------|----------|
| | W/L 10% | W/L 1% | W/L 0.1% |
| LDI-15070 | 17.67 | 17.10 | 21.21 |
| LDI-15297 | 16.41 | 16.44 | 18.95 |
| LDI-13300 | 27.31 | 28.04 | 29.76 |
| LDI-13421 | 26.86 | 27.41 | 29.60 |
| LDI-13559 | 26.23 | 26.65 | 29.46 |
| LDI-13795 | 25.09 | 25.73 | 29.14 |
| LDI-14007 | 23.15 | 24.43 | 27.96 |
| LDI-14184 | 22.75 | 23.99 | 27.80 |
| LDI-14209 | 22.56 | 23.67 | 27.66 |
| LDI-14400 | 21.85 | 22.76 | 27.36 |
| LDI-14415 | 21.73 | 22.67 | 27.30 |
| LDI-14568 | 0.00 | 0.00 | 0.00 |
| LDI-14700 | 20.70 | 20.99 | 26.74 |
| LDI-14818 | 18.18 | 18.14 | 21.75 |
| LDI-14858 | 18.05 | 17.99 | 21.55 |



10% Flow = 139.325 m³/s
 1% Flow = 219.669 m³/s
 0.1% Flow = 465.989 m³/s



- 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)
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Project:
DODDER CATCHMENT FLOOD RISK ASSESSMENT AND MANAGEMENT STUDY

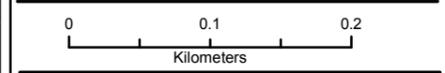
Map:
PRESENT DAY DODDER

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.G.B **Date:** 26 November 2010

Figure No.:
DR/EXT/UA/CURS/101

Map Series: Page 8 of 12
Drawing Scale: 1 : 5,000 **Plot Scale:** 1:1 @ A3



| Node Label | Water Level (mOD) per AEP | | |
|------------|---------------------------|--------|----------|
| | W/L 10% | W/L 1% | W/L 0.1% |
| LD1-15297 | 16.41 | 16.44 | 18.95 |
| LD1-15634 | 15.54 | 15.60 | 18.35 |
| LD1-15603 | 15.61 | 15.69 | 18.73 |
| LD1-15875 | 13.12 | 13.25 | 14.61 |
| LD1-15982 | 12.78 | 12.96 | 14.51 |
| LD1-16026 | 8.87 | 9.62 | 11.95 |
| LD1-16193 | 8.43 | 9.16 | 11.64 |
| LD1-16494 | 7.64 | 8.30 | 10.55 |
| LD1-16426 | 7.67 | 8.35 | 10.93 |
| LD1-16634 | 7.10 | 7.68 | 9.96 |
| LD1-16797 | 6.75 | 7.37 | 10.08 |
| LD1-16945 | 6.34 | 6.95 | 9.90 |

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