

**HYDROCARE ENVIRONMENTAL LTD**

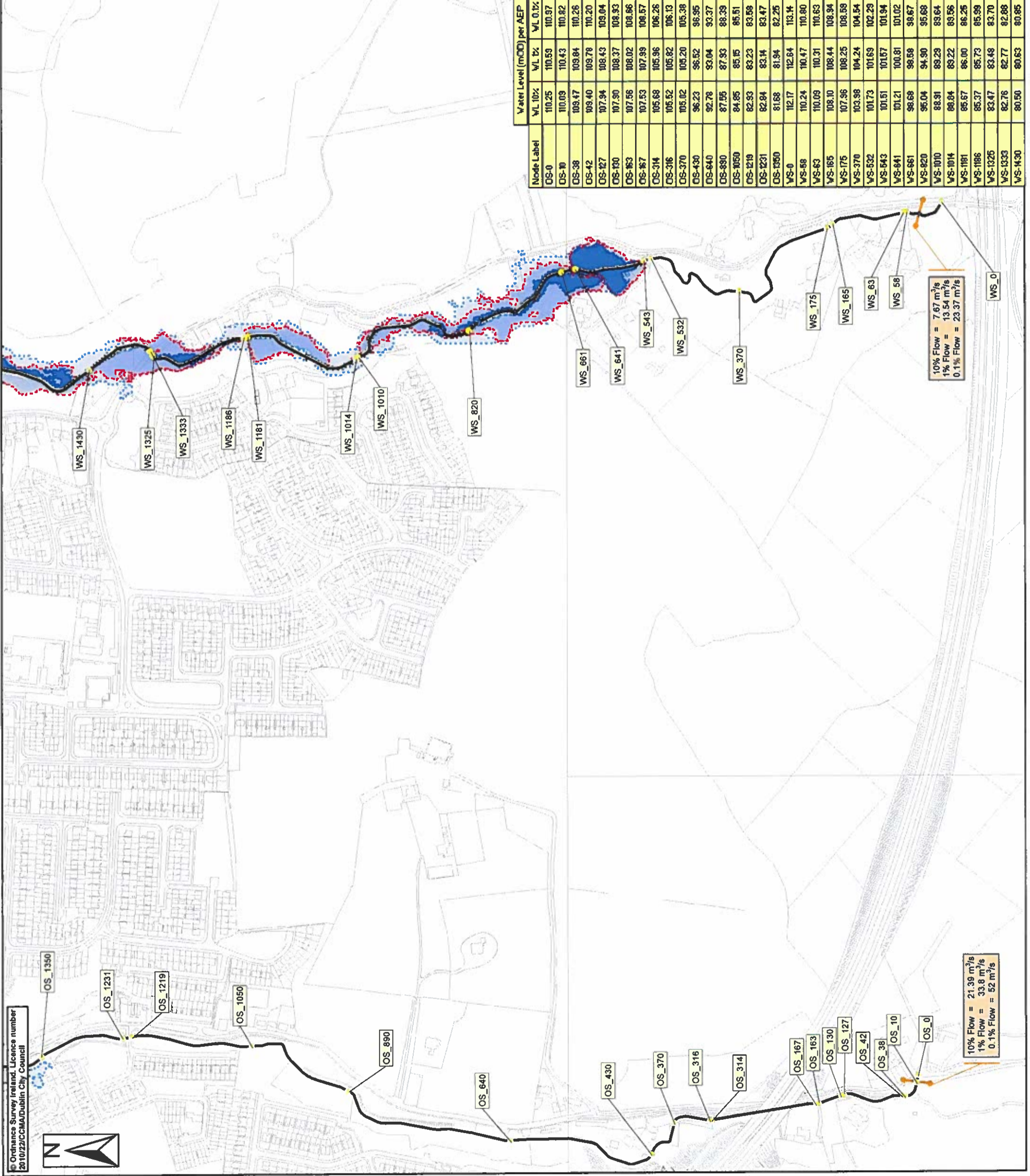
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**SITE OVERVIEW**

BECKETT DEVELOPMENTS LTD.  
PALMYRA, WHITECHURCH ROAD,  
RATHFARNHAM, CO. DUBLIN

SCALE 1:250 DATE: 27/04/2023

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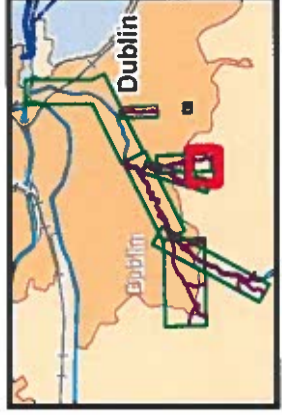


Water Level (mOD) per AEP	
Node Label	WL 10% / WL 1% / WL 0.1%
OS-0	110.25 / 110.59 / 110.87
OS-10	110.09 / 110.43 / 110.82
OS-38	109.47 / 109.84 / 110.26
OS-42	109.40 / 109.78 / 110.20
OS-127	107.94 / 108.43 / 109.04
OS-150	107.90 / 108.37 / 108.93
OS-163	107.56 / 108.02 / 108.66
OS-167	107.53 / 107.99 / 108.57
OS-314	105.68 / 105.96 / 106.26
OS-316	105.52 / 105.82 / 106.13
OS-370	105.02 / 105.20 / 105.38
OS-430	96.23 / 96.52 / 96.95
OS-640	92.78 / 93.04 / 93.37
OS-890	87.55 / 87.83 / 88.39
OS-1050	84.85 / 85.15 / 85.51
OS-1219	82.93 / 83.23 / 83.58
OS-1231	82.94 / 83.14 / 83.47
OS-1350	81.68 / 81.94 / 82.25
WS-0	112.17 / 112.64 / 113.14
WS-68	110.24 / 110.47 / 110.80
WS-63	110.09 / 110.31 / 110.63
WS-165	108.10 / 108.44 / 108.94
WS-175	107.96 / 108.25 / 108.58
WS-370	103.98 / 104.24 / 104.54
WS-532	101.73 / 101.69 / 102.29
WS-543	101.51 / 101.67 / 101.94
WS-541	101.21 / 100.81 / 101.02
WS-661	98.68 / 98.68 / 98.67
WS-820	95.04 / 94.90 / 95.68
WS-1010	88.91 / 89.29 / 89.64
WS-1014	86.84 / 89.22 / 89.56
WS-1181	85.67 / 86.00 / 86.26
WS-1186	85.37 / 85.73 / 85.99
WS-1326	83.47 / 83.48 / 83.70
WS-1333	82.76 / 82.77 / 82.88
WS-1430	80.50 / 80.63 / 80.85

10% Flow = 7.67 m<sup>3</sup>/s  
 1% Flow = 13.54 m<sup>3</sup>/s  
 0.1% Flow = 23.37 m<sup>3</sup>/s

10% Flow = 21.39 m<sup>3</sup>/s  
 1% Flow = 33.8 m<sup>3</sup>/s  
 0.1% Flow = 52 m<sup>3</sup>/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 DERIVATION, 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:  
 South Dublin County Council  
 Dublin City Council  
 OPW

Project:  
**DODDER CATCHMENT FLOOD RISK ASSESSMENT AND MANAGEMENT STUDY**

Map:  
**PRESENT DAY OWENDOHER & WHITECHURCH**

Map Type: FLOOD EXTENT

Source: FLUMIAL 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/CURS/103**

Map Series: Page 1 of 3

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



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