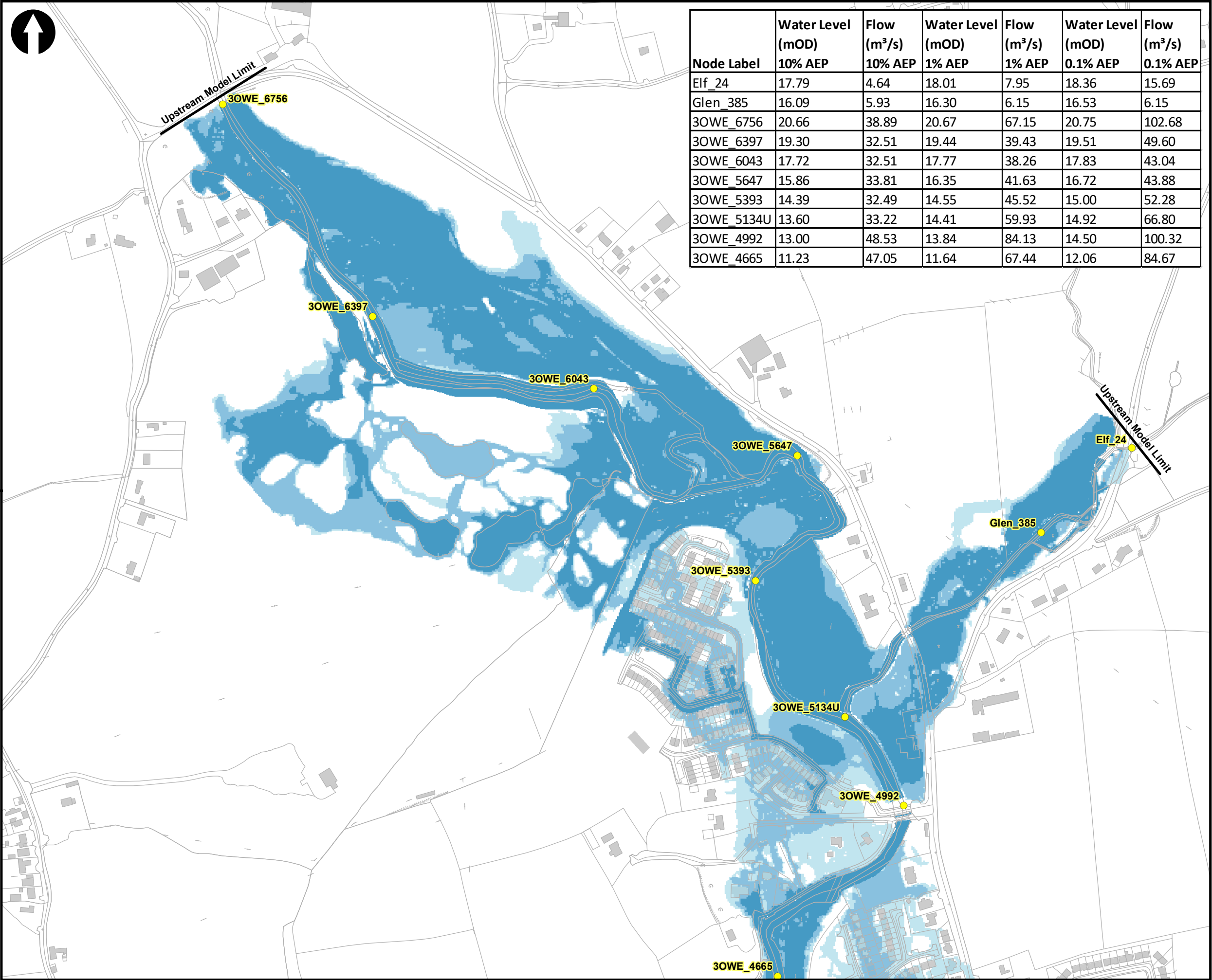
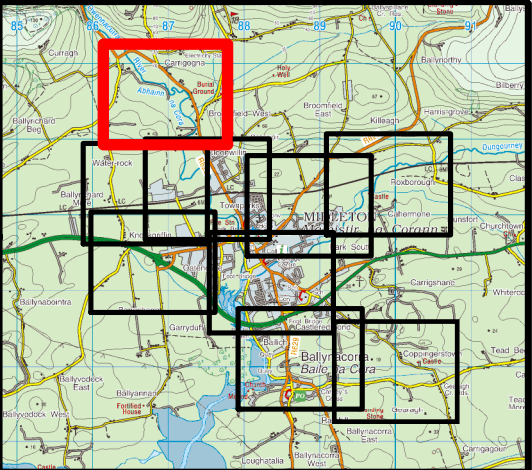
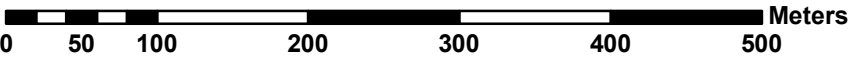


A.1 Existing Scenario- Fluvial Flood Maps



Node Label	Water Level (mOD)	Flow (m³/s)	Water Level (mOD)	Flow (m³/s)	Water Level (mOD)	Flow (m³/s)
	10% AEP	10% AEP	1% AEP	1% AEP	0.1% AEP	0.1% AEP
Elf_24	17.79	4.64	18.01	7.95	18.36	15.69
Glen_385	16.09	5.93	16.30	6.15	16.53	6.15
3OWE_6756	20.66	38.89	20.67	67.15	20.75	102.68
3OWE_6397	19.30	32.51	19.44	39.43	19.51	49.60
3OWE_6043	17.72	32.51	17.77	38.26	17.83	43.04
3OWE_5647	15.86	33.81	16.35	41.63	16.72	43.88
3OWE_5393	14.39	32.49	14.55	45.52	15.00	52.28
3OWE_5134U	13.60	33.22	14.41	59.93	14.92	66.80
3OWE_4992	13.00	48.53	13.84	84.13	14.50	100.32
3OWE_4665	11.23	47.05	11.64	67.44	12.06	84.67



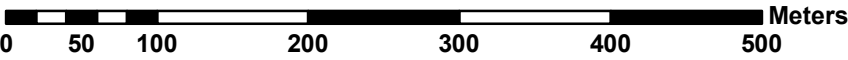
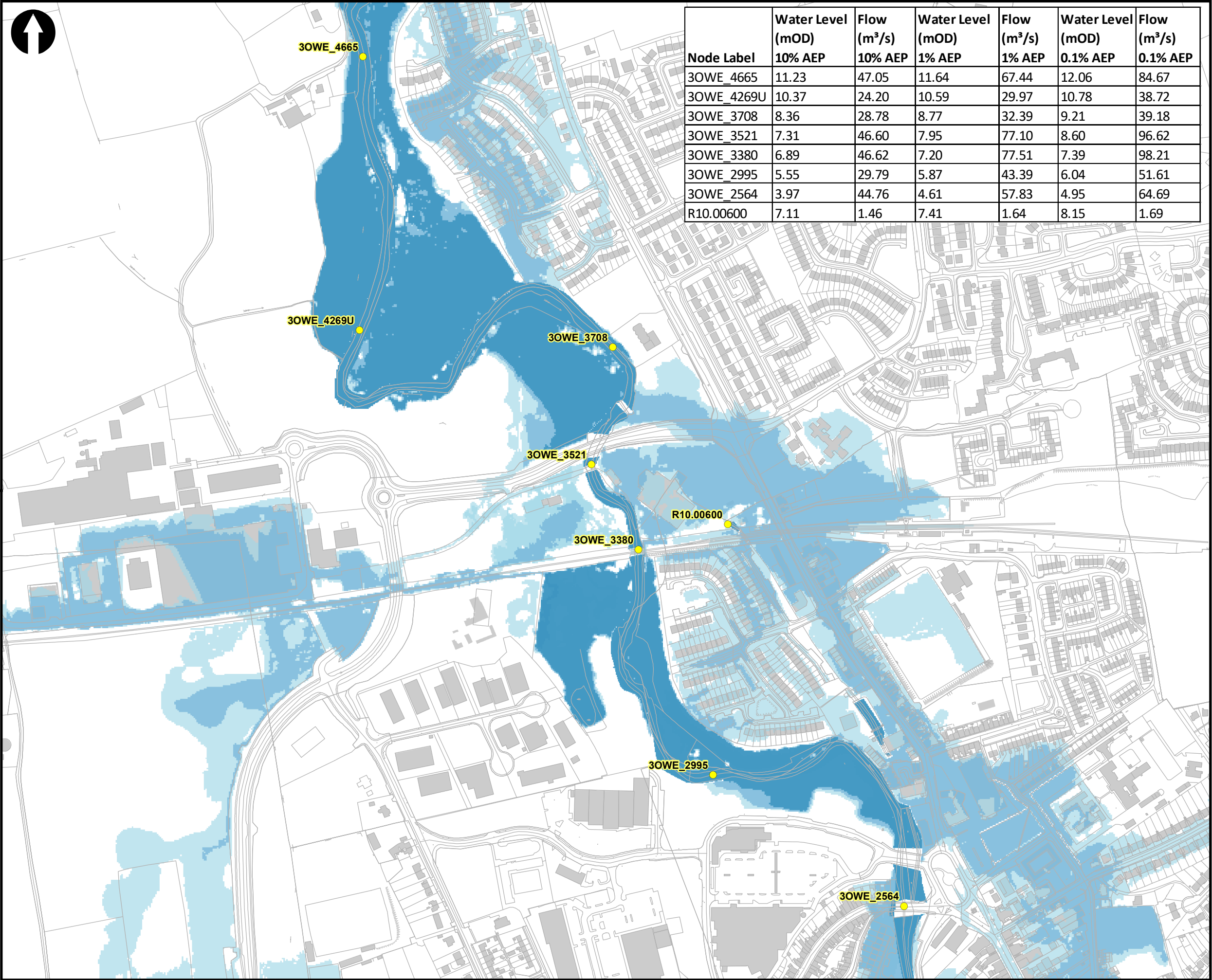
- Legend:**
- 10% Fluvial AEP
 - 1% Fluvial AEP
 - 0.1% Fluvial AEP

Rev:	Note:	Date:
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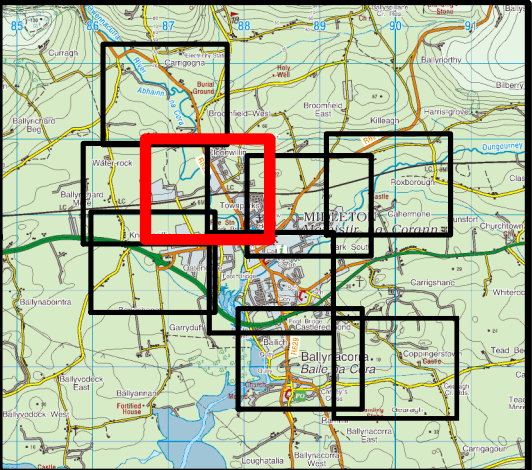


ARUP

Map: Midleton Fluvial Flood Extents		
Map type:	Fluvial Flood Depth	
Source:	Midleton Flood Relief Scheme	
Scenario:	Current	
Drawn By:	CB	Date: 10/09/2020
Checked By:	KB	Date: 10/09/2020
Approved By:	BO'B	Date: 10/09/2020
Drawing No:	1	
Map Series:	Page 1 of 9	
Drawing Scale: 1:5,000 @ A3		



Node Label	Water Level	Flow	Water Level	Flow	Water Level	Flow
	(mOD) 10% AEP	(m³/s) 10% AEP	(mOD) 1% AEP	(m³/s) 1% AEP	(mOD) 0.1% AEP	(m³/s) 0.1% AEP
3OWE_4665	11.23	47.05	11.64	67.44	12.06	84.67
3OWE_4269U	10.37	24.20	10.59	29.97	10.78	38.72
3OWE_3708	8.36	28.78	8.77	32.39	9.21	39.18
3OWE_3521	7.31	46.60	7.95	77.10	8.60	96.62
3OWE_3380	6.89	46.62	7.20	77.51	7.39	98.21
3OWE_2995	5.55	29.79	5.87	43.39	6.04	51.61
3OWE_2564	3.97	44.76	4.61	57.83	4.95	64.69
R10.00600	7.11	1.46	7.41	1.64	8.15	1.69



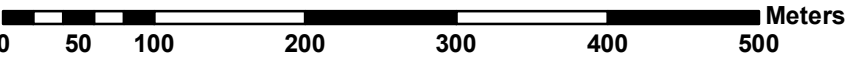
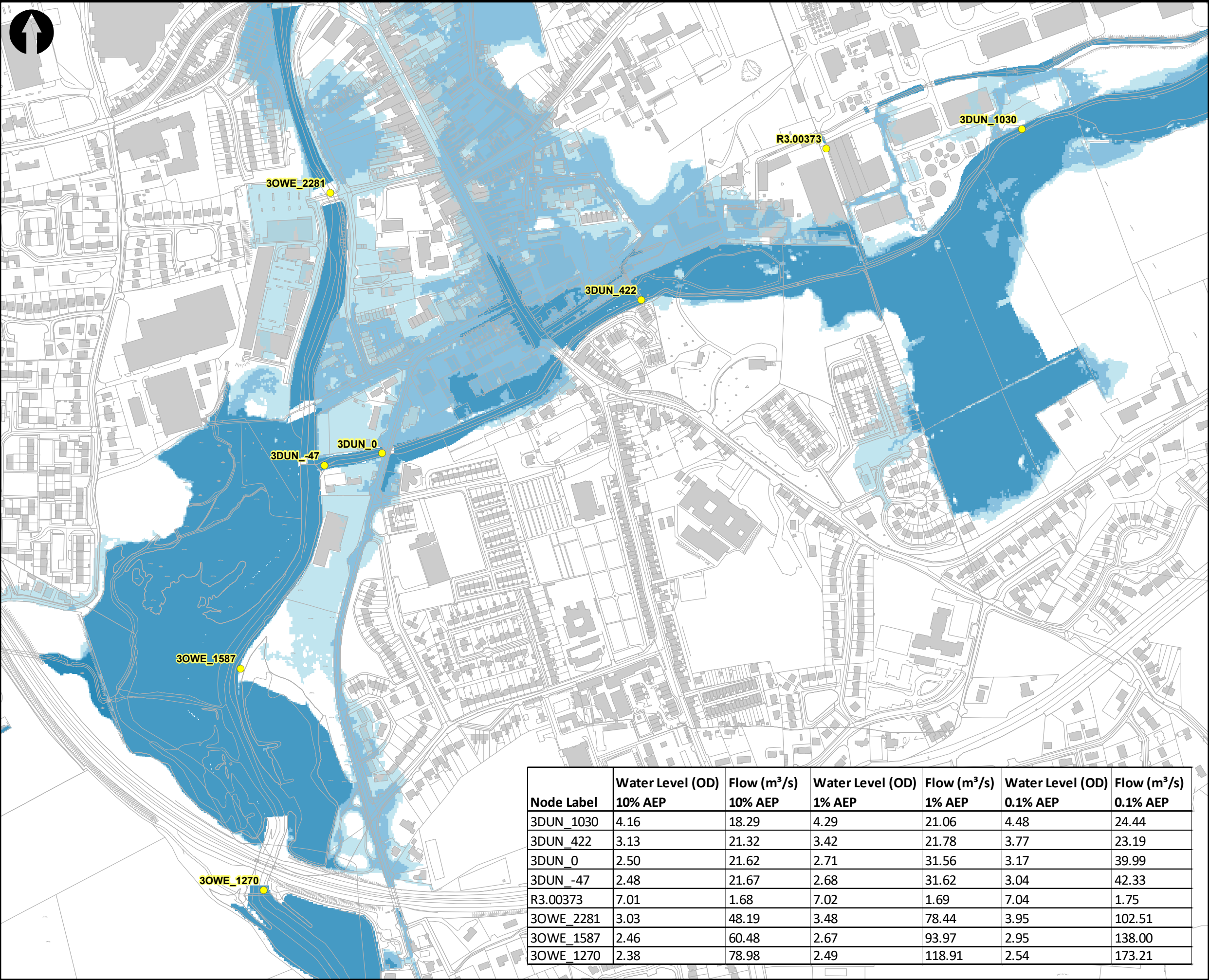
- Legend:**
- 10% Fluvial AEP
 - 1% Fluvial AEP
 - 0.1% Fluvial AEP

Rev:	Note:	Date:
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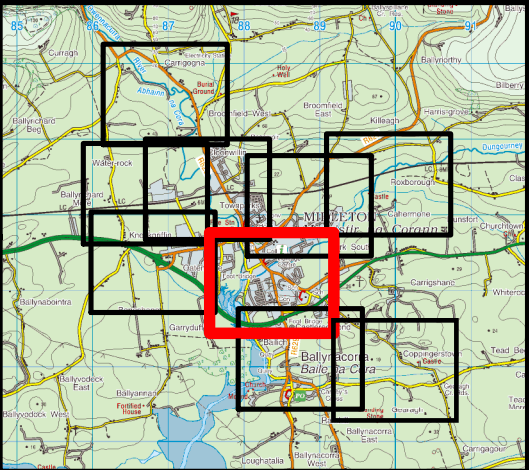


ARUP

Map: Midleton Fluvial Flood Extents		
Map type:	Fluvial Flood Depth	
Source:	Midleton Flood Relief Scheme	
Scenario:	Current	
Drawn By:	CB	Date: 10/09/2020
Checked By:	KB	Date: 10/09/2020
Approved By:	BO'B	Date: 10/09/2020
Drawing No:	1	
Map Series:	Page 2 of 9	
Drawing Scale: 1:5,000 @ A3		



Node Label	Water Level (OD) 10% AEP	Flow (m³/s) 10% AEP	Water Level (OD) 1% AEP	Flow (m³/s) 1% AEP	Water Level (OD) 0.1% AEP	Flow (m³/s) 0.1% AEP
3DUN_1030	4.16	18.29	4.29	21.06	4.48	24.44
3DUN_422	3.13	21.32	3.42	21.78	3.77	23.19
3DUN_0	2.50	21.62	2.71	31.56	3.17	39.99
3DUN_-47	2.48	21.67	2.68	31.62	3.04	42.33
R3.00373	7.01	1.68	7.02	1.69	7.04	1.75
3OWE_2281	3.03	48.19	3.48	78.44	3.95	102.51
3OWE_1587	2.46	60.48	2.67	93.97	2.95	138.00
3OWE_1270	2.38	78.98	2.49	118.91	2.54	173.21



- Legend:**
- 10% Fluvial AEP
 - 1% Fluvial AEP
 - 0.1% Fluvial AEP

Rev: Note: Date:



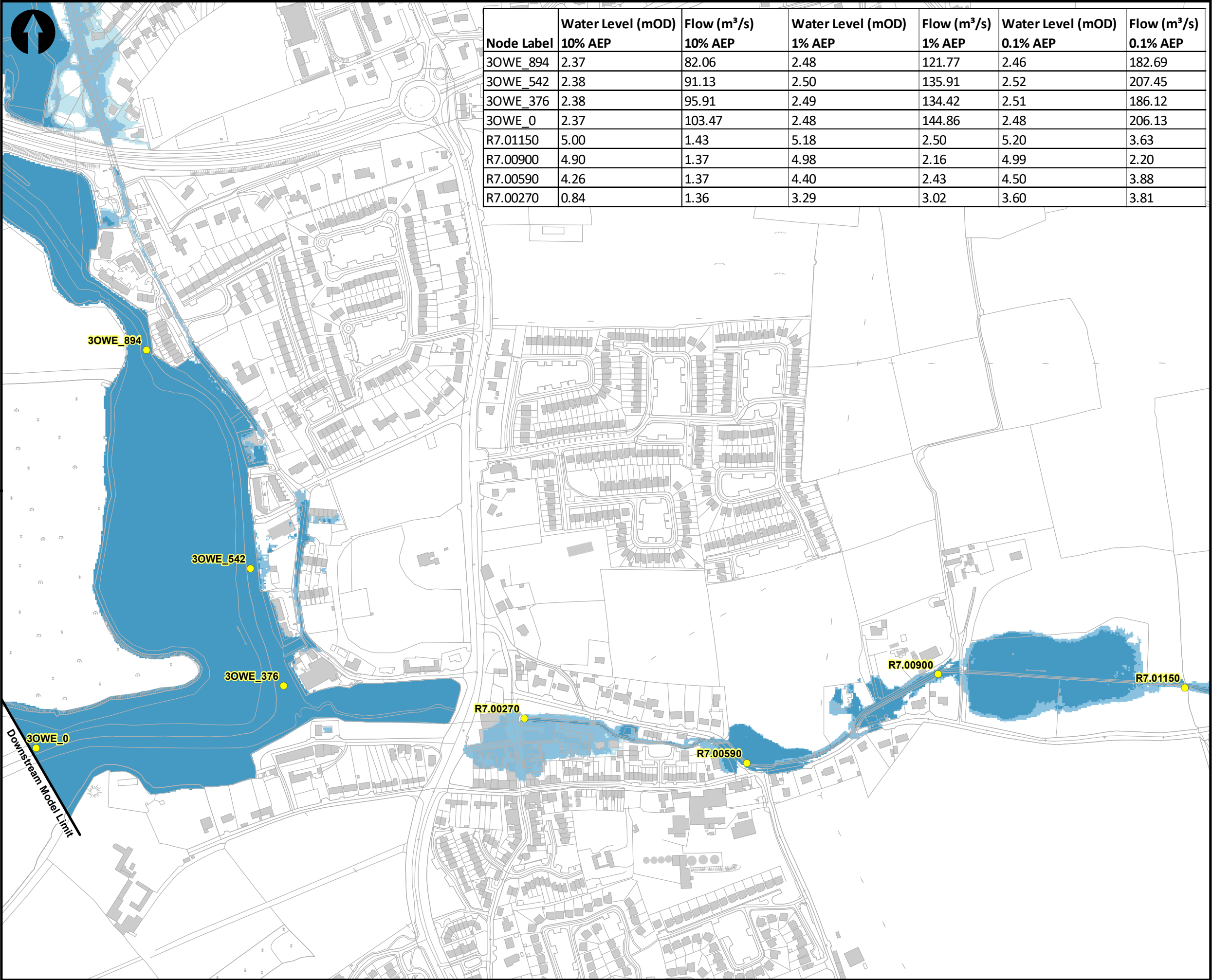
Map:
Middleton Fluvial Flood Extents

Map type: Fluvial Flood Depth
Source: Middleton Flood Relief Scheme
Scenario: Current

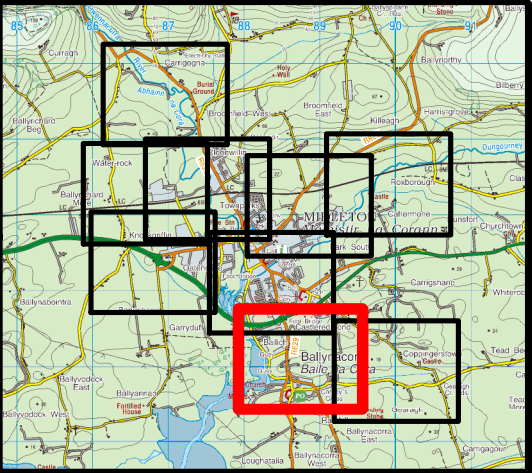
Drawn By: CB Date: 21/09/2022
Checked By: KB Date: 21/09/2022
Approved By: BO'B Date: 21/09/2022

Drawing No: 1

Map Series: Page 3 of 9
Drawing Scale: 1:5,000 @ A3



Node Label	Water Level (mOD)		Flow (m³/s)		Water Level (mOD)		Flow (m³/s)	
	10% AEP		10% AEP		1% AEP		0.1% AEP	
3OWE_894	2.37		82.06		2.48		121.77	
3OWE_542	2.38		91.13		2.50		135.91	
3OWE_376	2.38		95.91		2.49		134.42	
3OWE_0	2.37		103.47		2.48		144.86	
R7.01150	5.00		1.43		5.18		2.50	
R7.00900	4.90		1.37		4.98		2.16	
R7.00590	4.26		1.37		4.40		2.43	
R7.00270	0.84		1.36		3.29		3.02	



- Legend:**
- 10% Fluvial AEP
 - 1% Fluvial AEP
 - 0.1% Fluvial AEP

Rev:

Note:

Date:



ARUP

Map:
Midleton Fluvial Flood Extents

Map type:	Fluvial Flood Depth		
Source:	Midleton Flood Relief Scheme		
Scenario:	Current		
Drawn By:	CB	Date:	22/09/2022
Checked By:	KB	Date:	22/09/2022
Approved By:	BO'B	Date:	22/09/2022
Drawing No:	1		

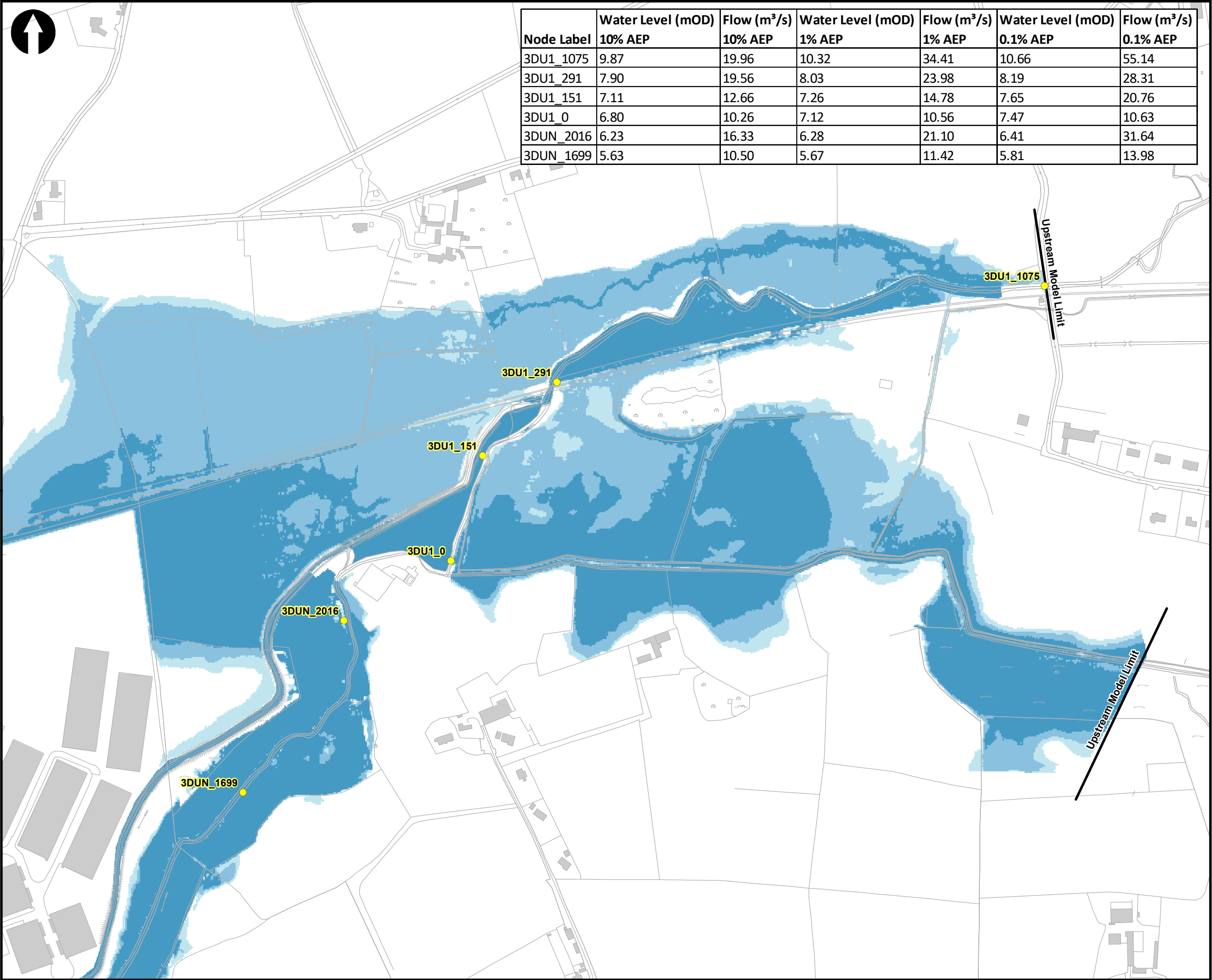
Map Series:

Page 4 of 9

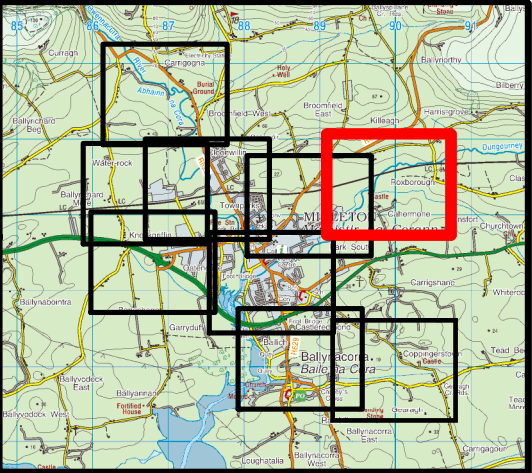
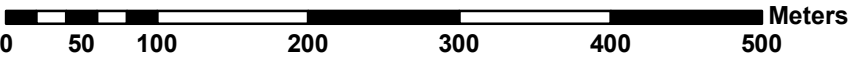
Drawing Scale:

1:5,000 @ A3





Node Label	Water Level (mOD)		Flow (m³/s)		Water Level (mOD)		Flow (m³/s)	
	10% AEP	10% AEP	10% AEP	10% AEP	1% AEP	1% AEP	0.1% AEP	0.1% AEP
3DU1_1075	9.87		19.96		10.32		34.41	
3DU1_291	7.90		19.56		8.03		23.98	
3DU1_151	7.11		12.66		7.26		14.78	
3DU1_0	6.80		10.26		7.12		10.56	
3DUN_2016	6.23		16.33		6.28		21.10	
3DUN_1699	5.63		10.50		5.67		11.42	
							10.66	55.14
							8.19	28.31
							7.65	20.76
							7.47	10.63
							6.41	31.64
							5.81	13.98

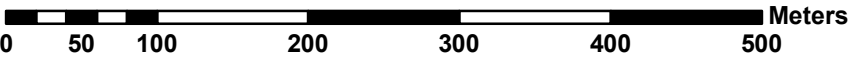
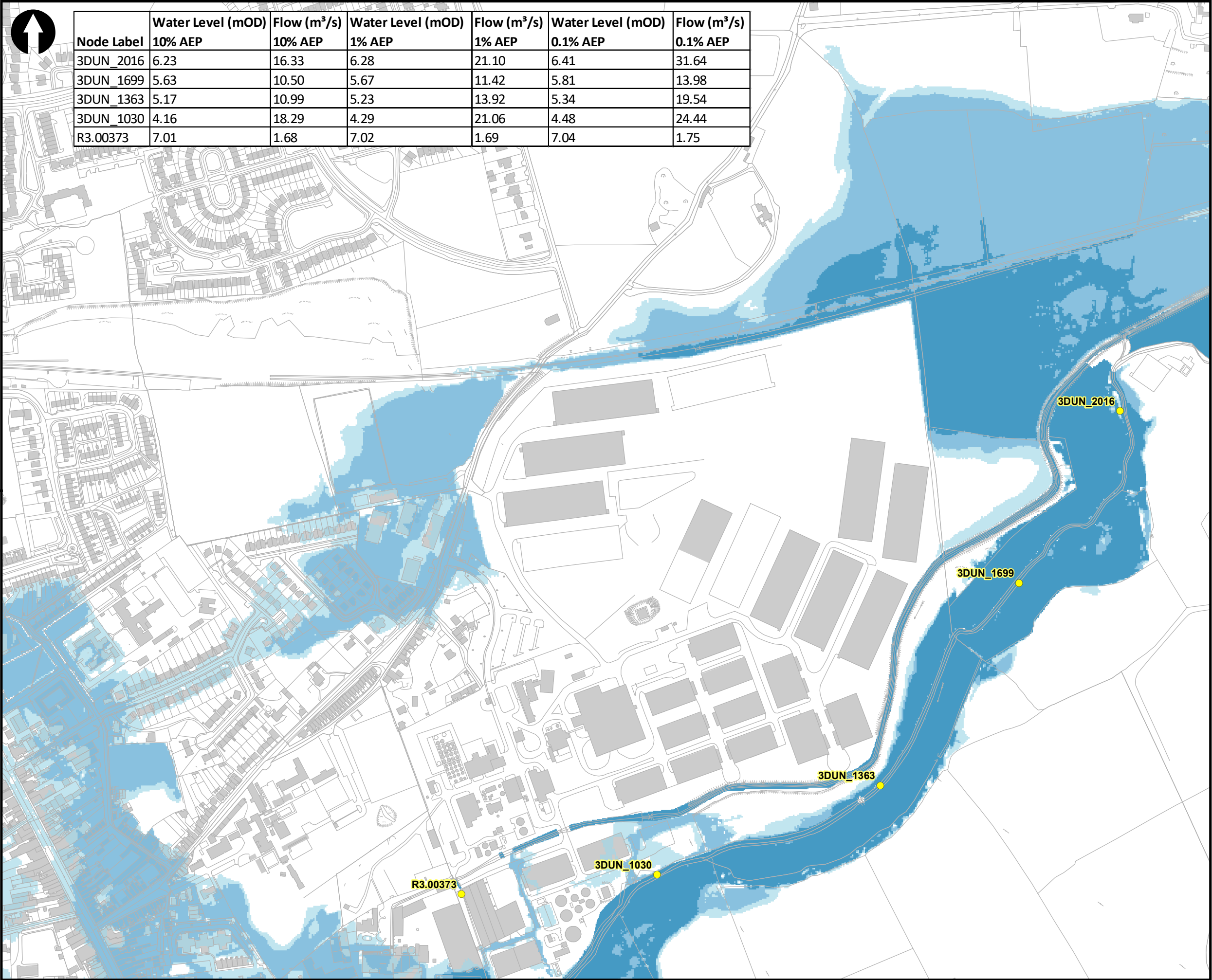


- Legend:**
- 10% Fluvial AEP
 - 1% Fluvial AEP
 - 0.1% Fluvial AEP

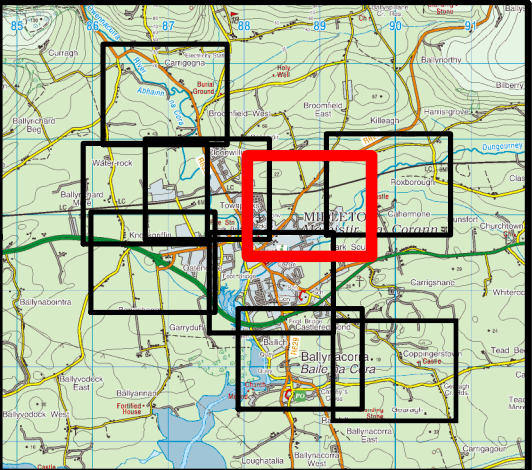
Rev:	Note:	Date:
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Map: Midleton Fluvial Flood Extents		
Map type:	Fluvial Flood Depth	
Source:	Midleton Flood Relief Scheme	
Scenario:	Current	
Drawn By:	CB	Date: 10/09/2020
Checked By:	KB	Date: 10/09/2020
Approved By:	BO'B	Date: 10/09/2020
Drawing No:	1	
Map Series:	Page 5 of 9	
Drawing Scale: 1:5,000 @ A3		



Node Label	Water Level (mOD)	Flow (m³/s)	Water Level (mOD)	Flow (m³/s)	Water Level (mOD)	Flow (m³/s)
	10% AEP	10% AEP	1% AEP	1% AEP	0.1% AEP	0.1% AEP
3DUN_2016	6.23	16.33	6.28	21.10	6.41	31.64
3DUN_1699	5.63	10.50	5.67	11.42	5.81	13.98
3DUN_1363	5.17	10.99	5.23	13.92	5.34	19.54
3DUN_1030	4.16	18.29	4.29	21.06	4.48	24.44
R3.00373	7.01	1.68	7.02	1.69	7.04	1.75



- Legend:**
- 10% Fluvial AEP
 - 1% Fluvial AEP
 - 0.1% Fluvial AEP

Rev: Note: Date:



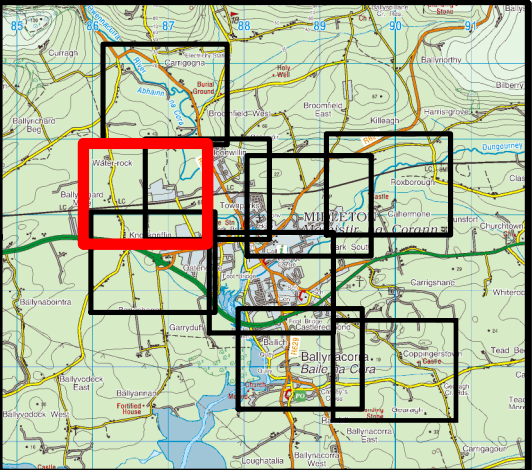
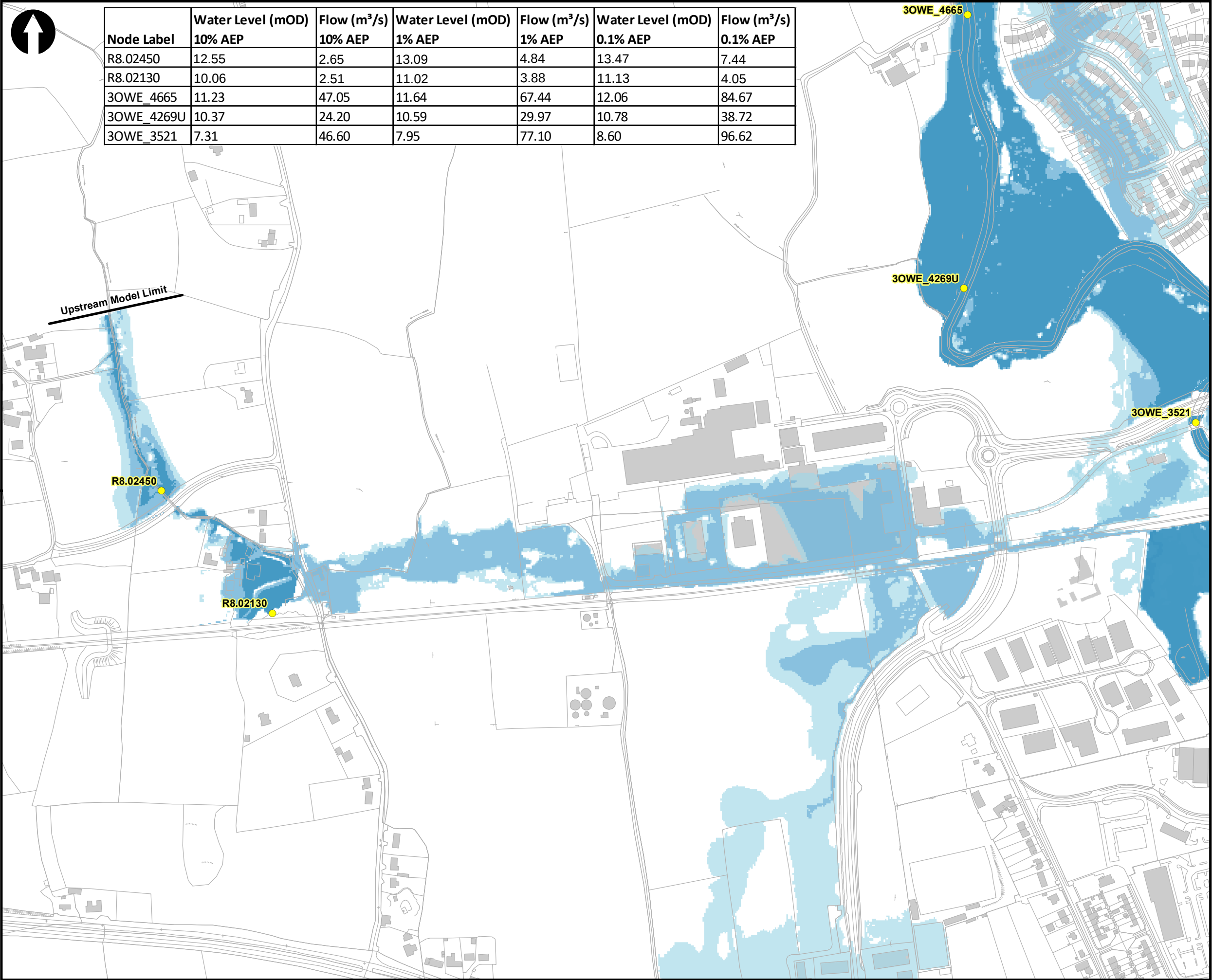
ARUP

Map:
Middleton Fluvial Flood Extents

Map type: Fluvial Flood Depth
Source: Middleton Flood Relief Scheme
Scenario: Current
Drawn By: CB Date: 10/09/2020
Checked By: KB Date: 10/09/2020
Approved By: BO'B Date: 10/09/2020

Drawing No: 1

Map Series: Page 6 of 9
Drawing Scale: 1:5,000 @ A3



- Legend:**
- 10% Fluvial AEP
 - 1% Fluvial AEP
 - 0.1% Fluvial AEP

Rev: Note: Date:



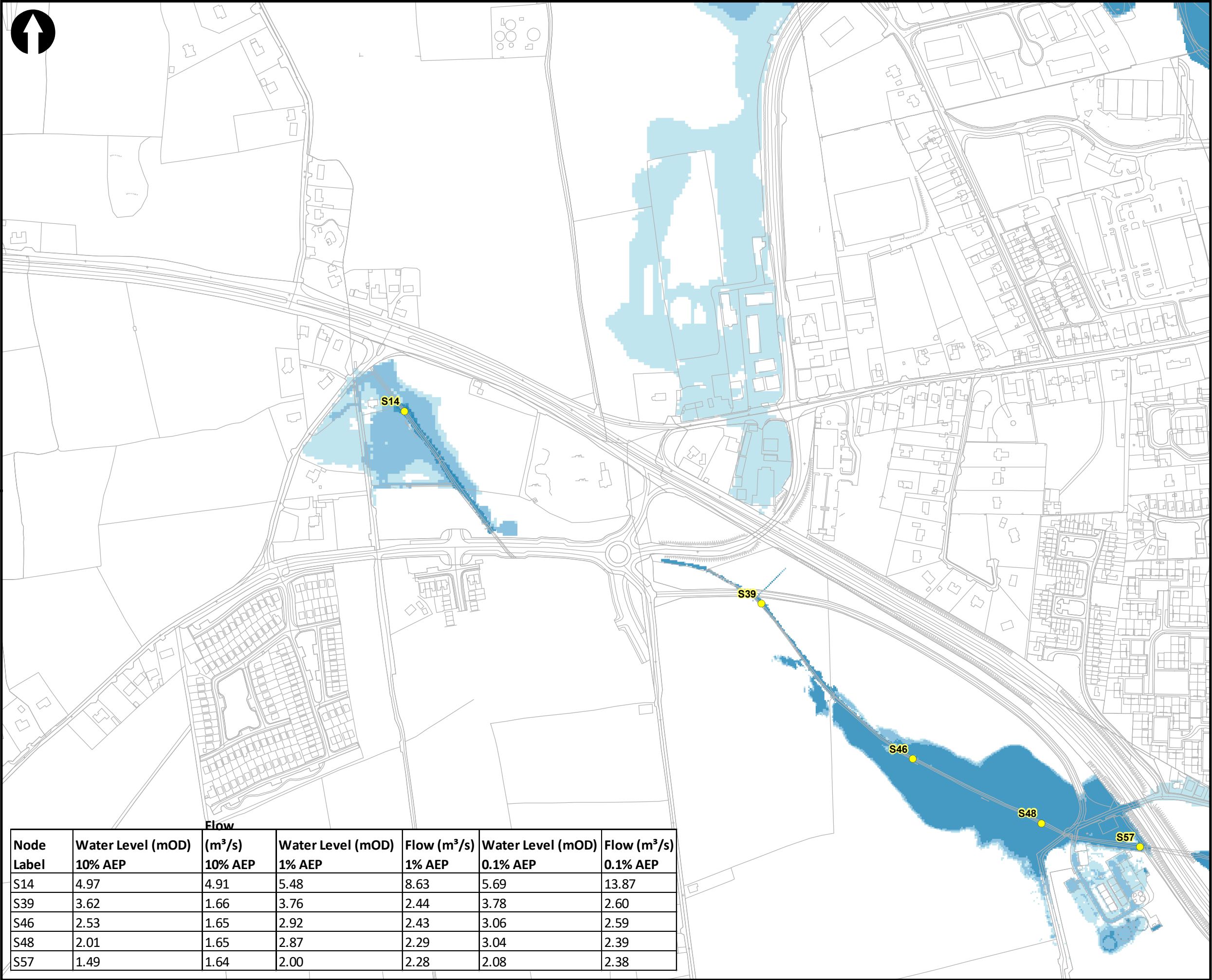
ARUP

Map:
Middleton Fluvial Flood Extents

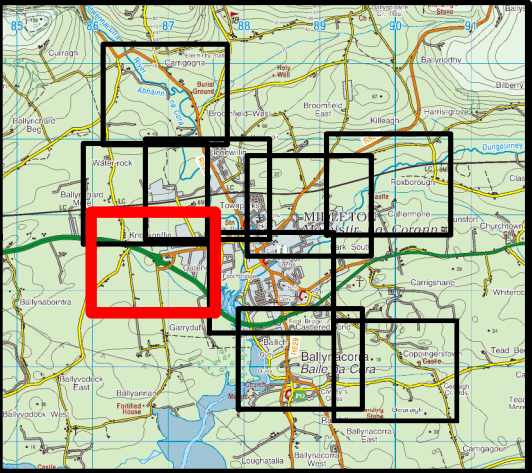
Map type: Fluvial Flood Depth
Source: Middleton Flood Relief Scheme
Scenario: Current
Drawn By: CB Date: 10/09/2020
Checked By: KB Date: 10/09/2020
Approved By: BO'B Date: 10/09/2020

Drawing No: 1

Map Series: Page 7 of 9
Drawing Scale: 1:5,000 @ A3



Node Label	Node S14		Node S39		Node S46		Node S48		Node S57	
	Water Level (mOD) 10% AEP	Flow (m³/s) 10% AEP	Water Level (mOD) 1% AEP	Flow (m³/s) 1% AEP	Water Level (mOD) 0.1% AEP	Flow (m³/s) 0.1% AEP	Water Level (mOD) 10% AEP	Flow (m³/s) 10% AEP	Water Level (mOD) 1% AEP	Flow (m³/s) 1% AEP
S14	4.97	4.91	5.48	8.63	5.69	13.87				
S39	3.62	1.66	3.76	2.44	3.78	2.60				
S46	2.53	1.65	2.92	2.43	3.06	2.59				
S48	2.01	1.65	2.87	2.29	3.04	2.39				
S57	1.49	1.64	2.00	2.28	2.08	2.38				



- Legend:**
- 10% Fluvial AEP
 - 1% Fluvial AEP
 - 0.1% Fluvial AEP

Rev:

Note:

Date:



ARUP

Map:
Middleton Fluvial Flood Extents

Map type:

Fluvial Flood Depth

Source:

Middleton Flood Relief Scheme

Scenario:

Current

Drawn By:

CB

Date:

21/09/2022

Checked By:

KB

Date:

21/09/2022

Approved By:

BO'B

Date:

21/09/2022

Drawing No:

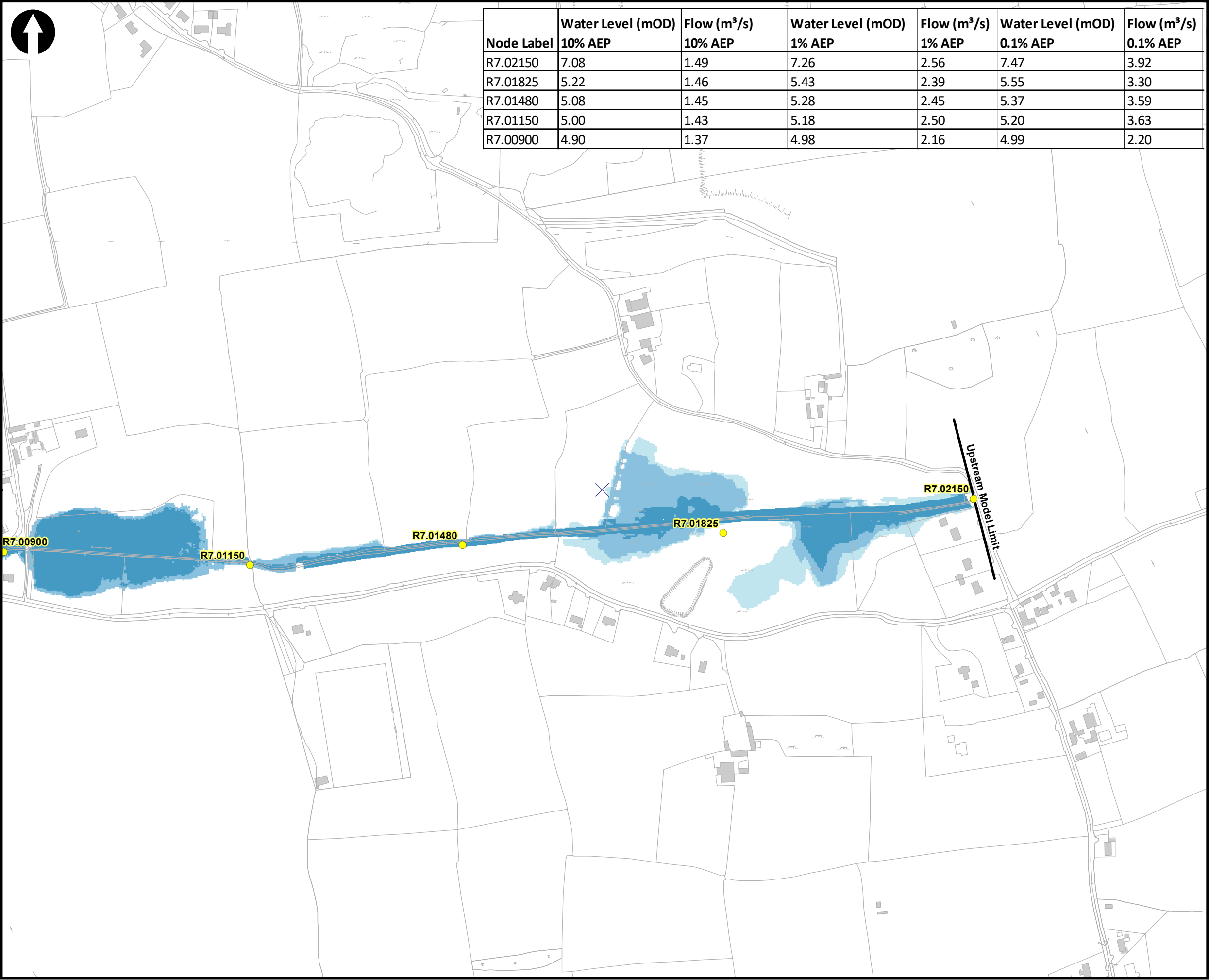
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Map Series:

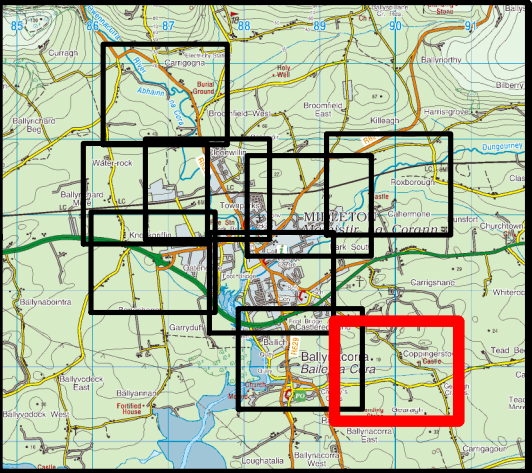
Page 8 of 9

Drawing Scale:

1:5,000 @ A3



Node Label	Water Level (mOD)	Flow (m³/s)	Water Level (mOD)	Flow (m³/s)	Water Level (mOD)	Flow (m³/s)
	10% AEP	10% AEP	1% AEP	1% AEP	0.1% AEP	0.1% AEP
R7.02150	7.08	1.49	7.26	2.56	7.47	3.92
R7.01825	5.22	1.46	5.43	2.39	5.55	3.30
R7.01480	5.08	1.45	5.28	2.45	5.37	3.59
R7.01150	5.00	1.43	5.18	2.50	5.20	3.63
R7.00900	4.90	1.37	4.98	2.16	4.99	2.20



- Legend:**
- 10% Fluvial AEP
 - 1% Fluvial AEP
 - 0.1% Fluvial AEP

Rev:	Note:	Date:
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Map: Midleton Fluvial Flood Extents		
Map type:	Fluvial Flood Depth	
Source:	Midleton Flood Relief Scheme	
Scenario:	Current	
Drawn By:	CB	Date: 22/09/2022
Checked By:	KB	Date: 22/09/2022
Approved By:	BO'B	Date: 22/09/2022
Drawing No:	1	
Map Series:	Page 9 of 9	
Drawing Scale:	1:5,000 @ A3	