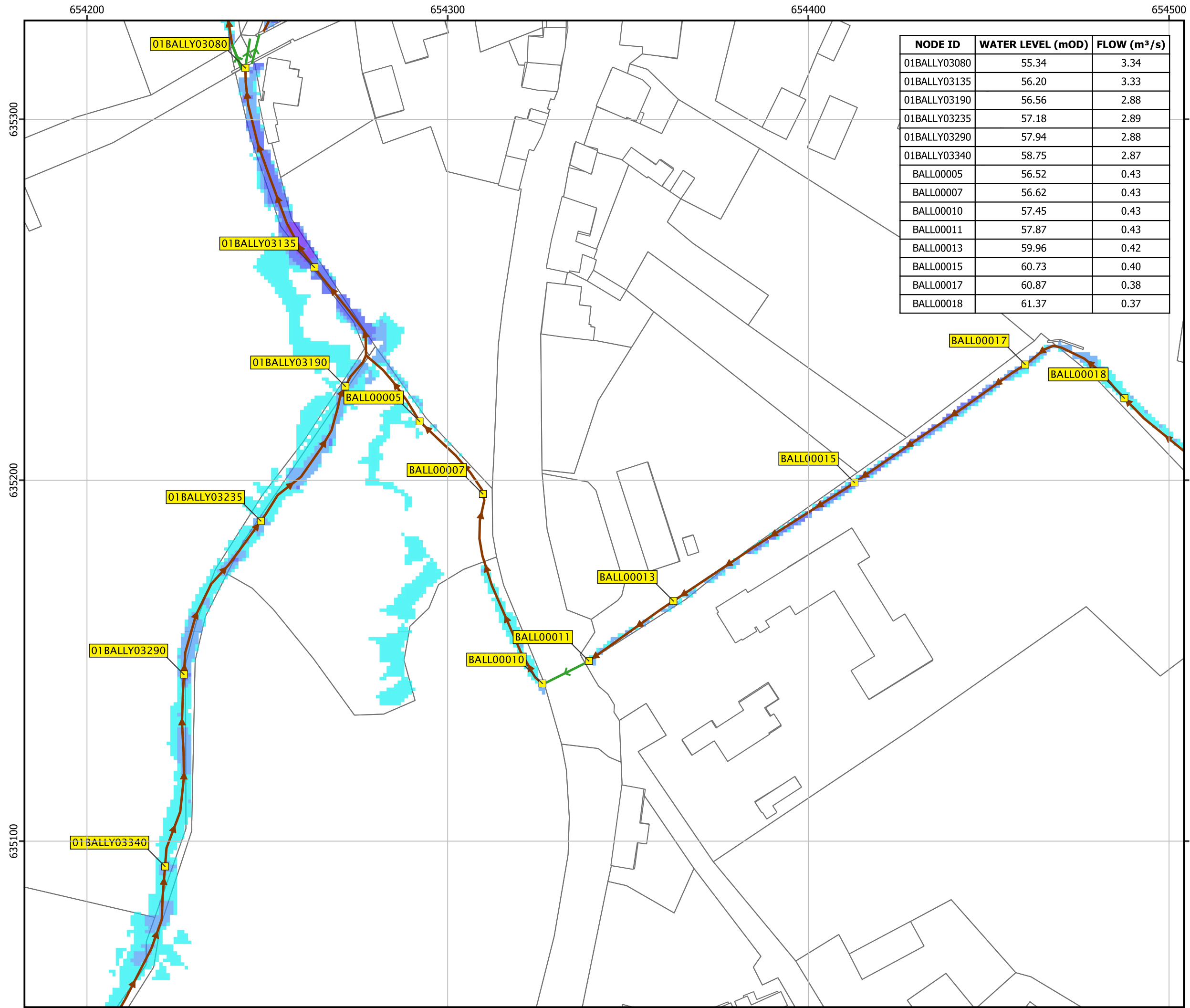


## Appendix A

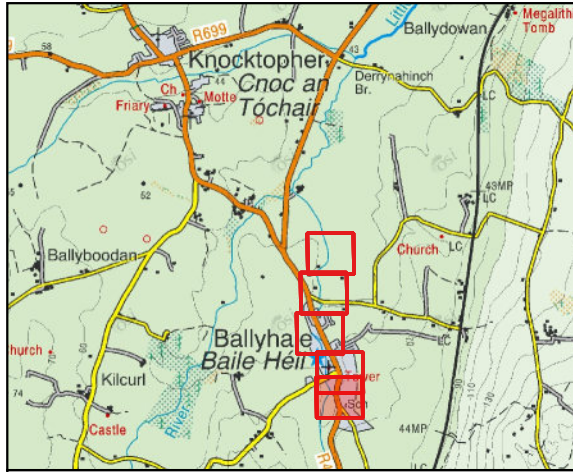
# Baseline Flood Mapping

### Flood Map Schedule

Mapset Reference	Revision	Map Type	Return Period	Hydrology Scenario	Geometry Reference
514_DPFC_10	3	Depth / Extent	10% AEP	Present Day	Present Day
514_DPFM_10	3	Depth / Extent	10% AEP	MRFS	Present Day
514_DPFH_10	3	Depth / Extent	10% AEP	HEFS	Present Day
514_DPFC_1	3	Depth / Extent	1% AEP	Present Day	Present Day
514_DPFM_1	3	Depth / Extent	1% AEP	MRFS	Present Day
514_DPFH_1	3	Depth / Extent	1% AEP	HEFS	Present Day
514_DPFC_01	3	Depth / Extent	0.1% AEP	Present Day	Present Day
514_DPFM_01	3	Depth / Extent	0.1% AEP	MRFS	Present Day
514_DPFH_01	3	Depth / Extent	0.1% AEP	HEFS	Present Day



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY03080	55.34	3.34
01BALLY03135	56.20	3.33
01BALLY03190	56.56	2.88
01BALLY03235	57.18	2.89
01BALLY03290	57.94	2.88
01BALLY03340	58.75	2.87
BALL00005	56.52	0.43
BALL00007	56.62	0.43
BALL00010	57.45	0.43
BALL00011	57.87	0.43
BALL00013	59.96	0.42
BALL00015	60.73	0.40
BALL00017	60.87	0.38
BALL00018	61.37	0.37



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLED RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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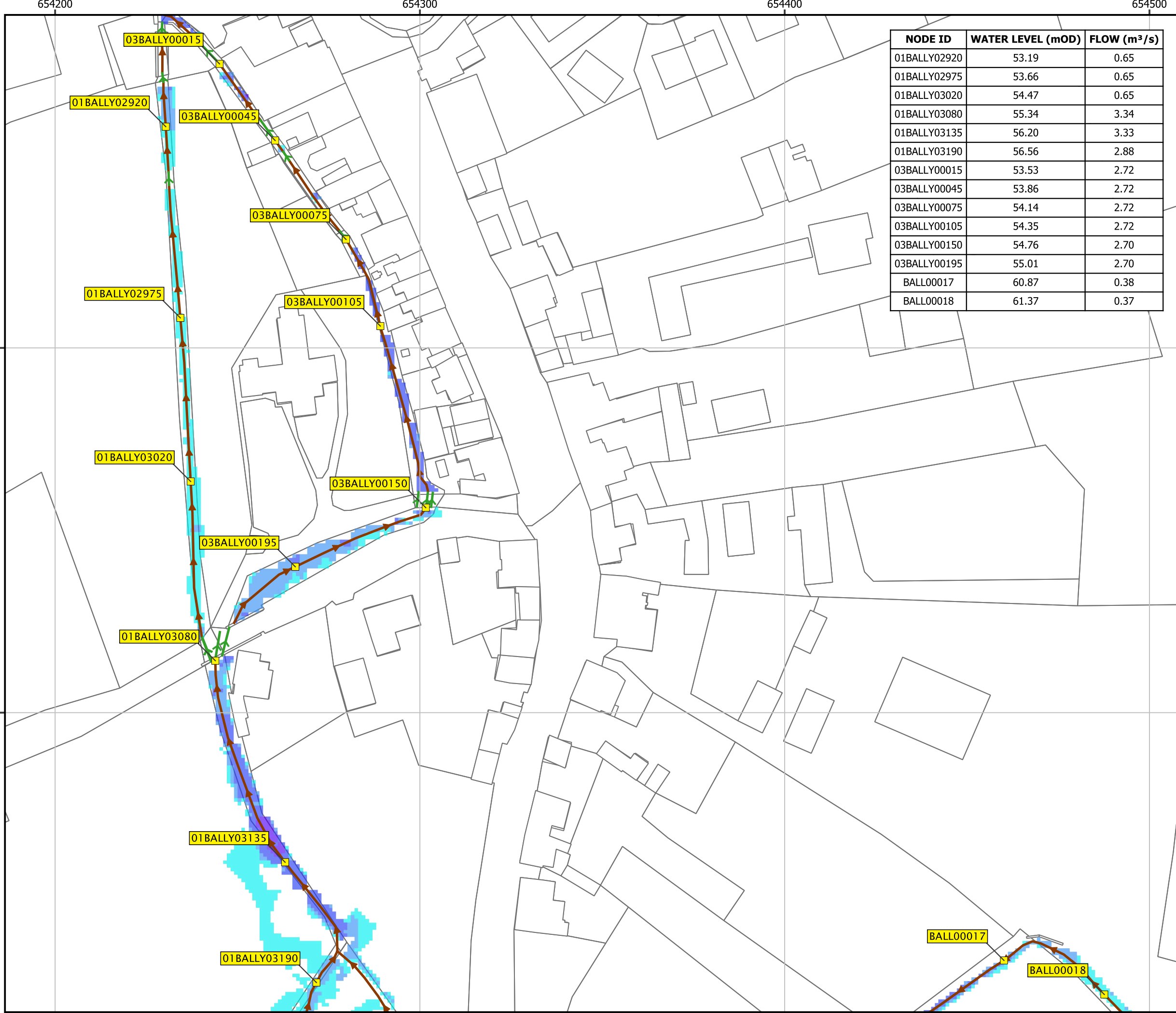


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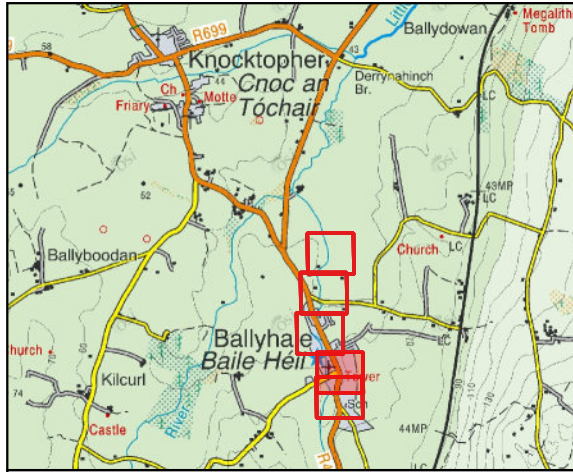
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W: www.dbfl.ie

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T: +353 (0)1 5138963  
E: info@mcclloyconsulting.ie  
W: www.mcclloyconsulting.ie

MAP: BALLYHAILE, CO. KILKENNY	
FLOOD PROBABILITY:	10% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	PRESENT DAY
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFC_10_01	
MAP SERIES:	PAGE 1 OF 5
DRAWING SCALE:	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m³/s)
01BALLY02920	53.19	0.65
01BALLY02975	53.66	0.65
01BALLY03020	54.47	0.65
01BALLY03080	55.34	3.34
01BALLY03135	56.20	3.33
01BALLY03190	56.56	2.88
03BALLY00015	53.53	2.72
03BALLY00045	53.86	2.72
03BALLY00075	54.14	2.72
03BALLY00105	54.35	2.72
03BALLY00150	54.76	2.70
03BALLY00195	55.01	2.70
BALL00017	60.87	0.38
BALL00018	61.37	0.37



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLER RIVER CENTRELINE  
 CULVERTED WATERCOURSE  
 NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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MAP: BALLYHAILE, CO. KILKENNY	
FLOOD PROBABILITY:	10% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	PRESENT DAY
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFC_10_02	
MAP SERIES:	PAGE 2 OF 5
DRAWING SCALE:	1:1000 @ A3



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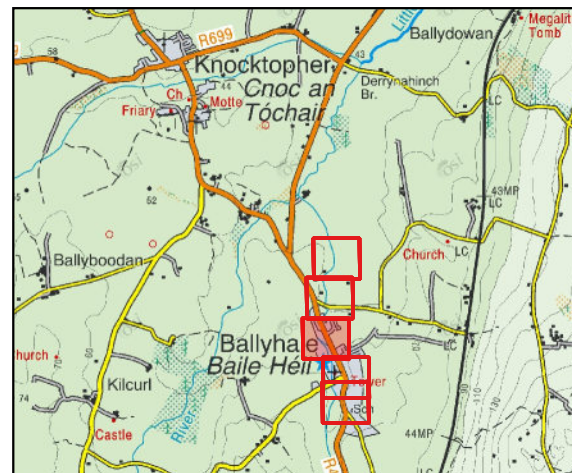
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0 50 100 METRES



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NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02670	50.89	3.40
01BALLY02730	51.32	3.40
01BALLY02775	51.81	3.39
01BALLY02805	52.38	3.37
01BALLY02870	53.02	3.37
03BALLY00015	53.53	2.72



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLED RIVER CENTRELINE

CULVERTED WATERCOURSE

NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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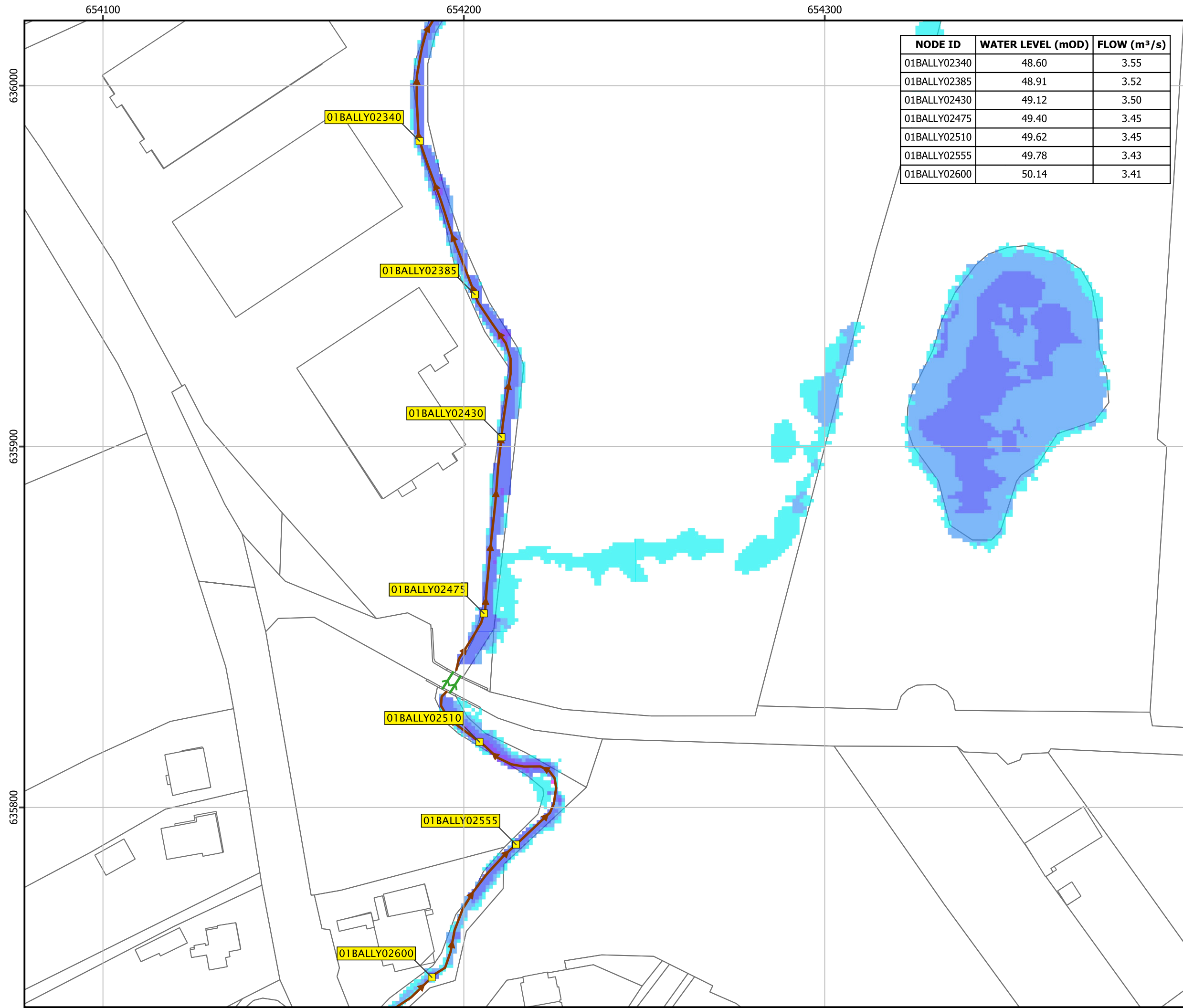


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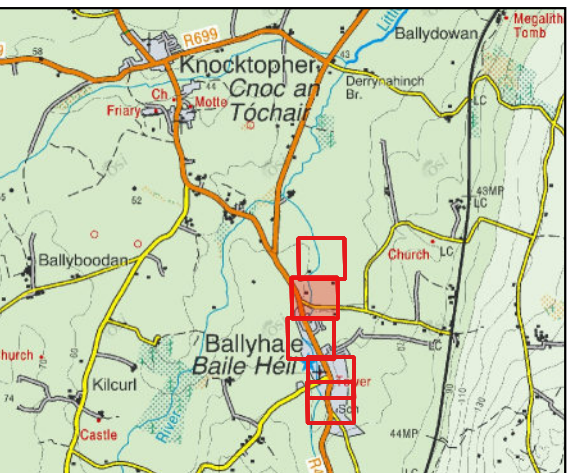
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W: www.mcclloyconsulting.ie

MAP: BALLYHAILE, CO. KILKENNY		
FLOOD PROBABILITY:	10% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	PRESENT DAY	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514_DPFC_10_03		
MAP SERIES:	PAGE 3 OF 5	
DRAWING SCALE:	1:1000 @ A3	



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02340	48.60	3.55
01BALLY02385	48.91	3.52
01BALLY02430	49.12	3.50
01BALLY02475	49.40	3.45
01BALLY02510	49.62	3.45
01BALLY02555	49.78	3.43
01BALLY02600	50.14	3.41



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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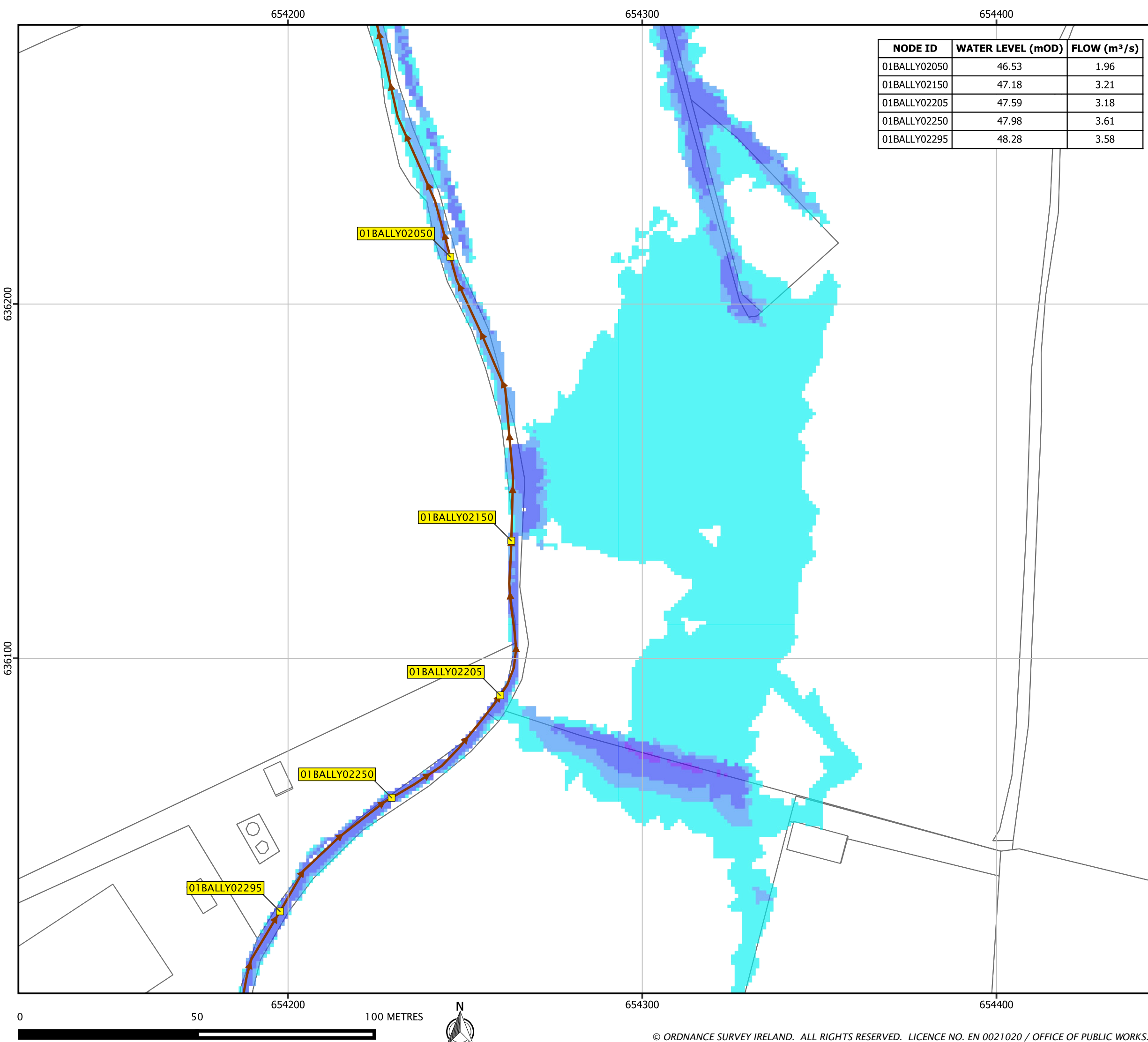
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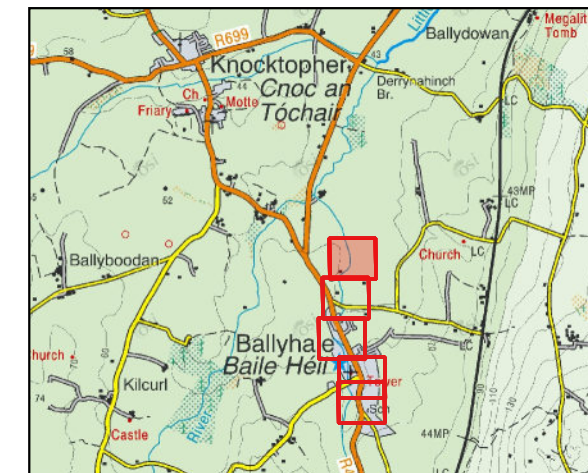
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MAP: BALLYHALE, CO. KILKENNY		
FLOOD PROBABILITY:	10% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	PRESENT DAY	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514_DPFC_10_04		
MAP SERIES:	PAGE 4 OF 5	
DRAWING SCALE:	1:1000 @ A3	





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02050	46.53	1.96
01BALLY02150	47.18	3.21
01BALLY02205	47.59	3.18
01BALLY02250	47.98	3.61
01BALLY02295	48.28	3.58



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

**MODELLED RIVER CENTRELINE**

**CULVERTED WATERCOURSE**

**NODE POINT**

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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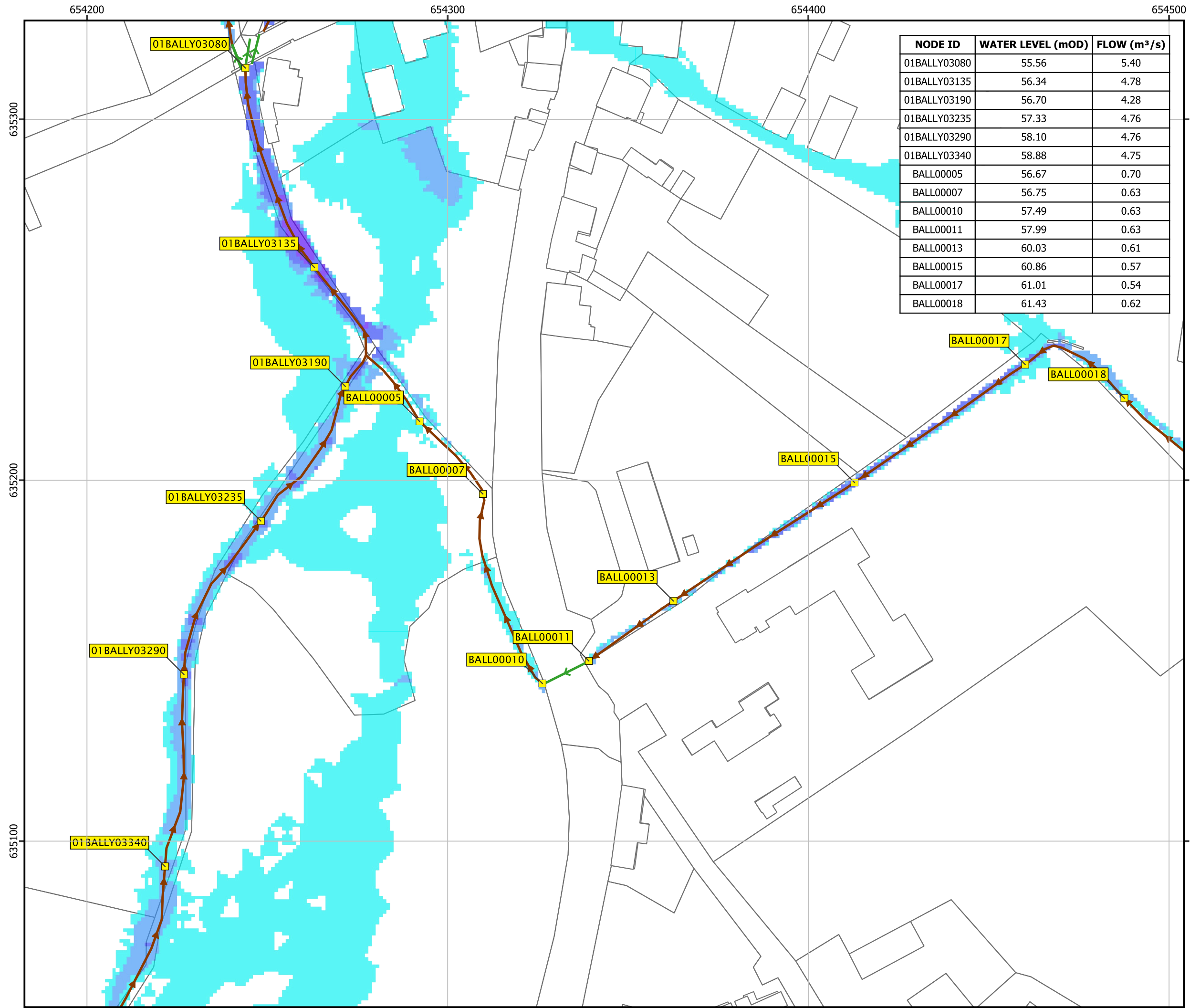
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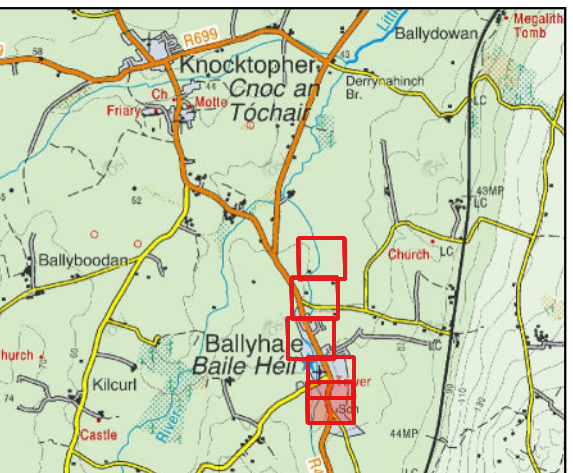
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 W: www.mcclloyconsulting.ie

<b>MAP:</b> BALLYHALE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	10% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	PRESENT DAY
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<b>DRAWN BY:</b> DL	<b>DATE:</b> 24/03/2021
<b>CHECKED BY:</b> DKS	<b>DATE:</b> 24/03/2021
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<b>DRAWING NUMBER:</b> 514_DPFC_10_05	
<b>MAP SERIES:</b>	PAGE 5 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY03080	55.56	5.40
01BALLY03135	56.34	4.78
01BALLY03190	56.70	4.28
01BALLY03235	57.33	4.76
01BALLY03290	58.10	4.76
01BALLY03340	58.88	4.75
BALL00005	56.67	0.70
BALL00007	56.75	0.63
BALL00010	57.49	0.63
BALL00011	57.99	0.63
BALL00013	60.03	0.61
BALL00015	60.86	0.57
BALL00017	61.01	0.54
BALL00018	61.43	0.62



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLED RIVER CENTRELINE

CULVERTED WATERCOURSE

NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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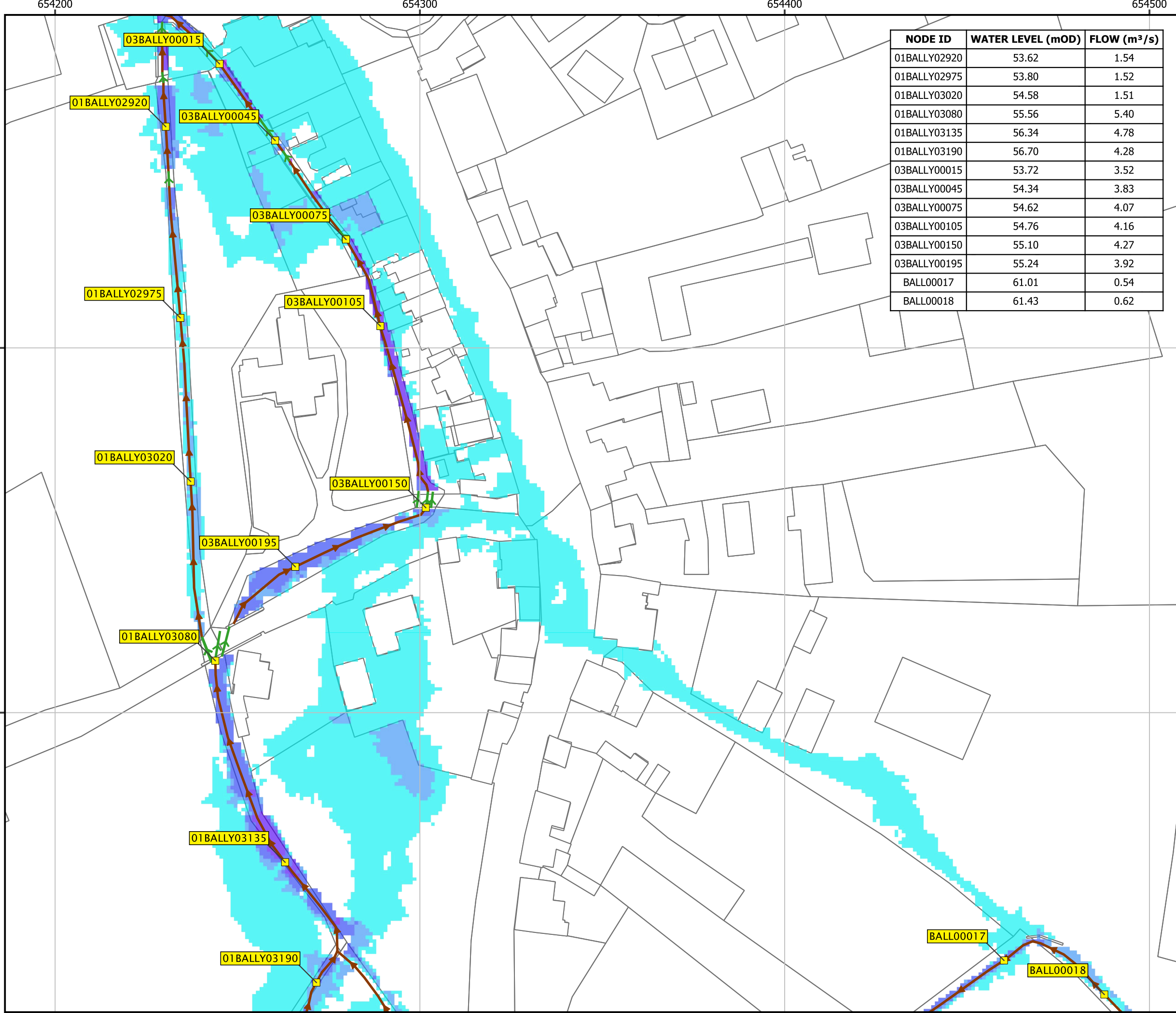
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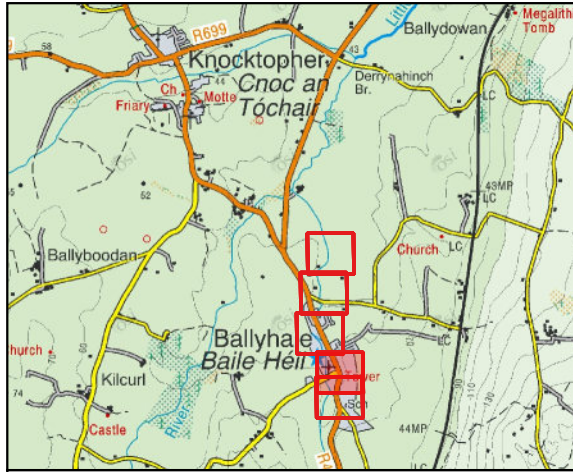
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E: info@mcclloyconsulting.ie  
W: www.mcclloyconsulting.ie

MAP: BALLYHALE, CO. KILKENNY	
FLOOD PROBABILITY:	1% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	PRESENT DAY
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFC_1_01	
MAP SERIES:	PAGE 1 OF 5
DRAWING SCALE:	1:1000 @ A3





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02920	53.62	1.54
01BALLY02975	53.80	1.52
01BALLY03020	54.58	1.51
01BALLY03080	55.56	5.40
01BALLY03135	56.34	4.78
01BALLY03190	56.70	4.28
03BALLY00015	53.72	3.52
03BALLY00045	54.34	3.83
03BALLY00075	54.62	4.07
03BALLY00105	54.76	4.16
03BALLY00150	55.10	4.27
03BALLY00195	55.24	3.92
BALL00017	61.01	0.54
BALL00018	61.43	0.62



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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MAP: BALLYHALE, CO. KILKENNY		
FLOOD PROBABILITY:	1% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	PRESENT DAY	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514_DPFC_1_02		
MAP SERIES:	PAGE 2 OF 5	
DRAWING SCALE:	1:1000 @ A3	



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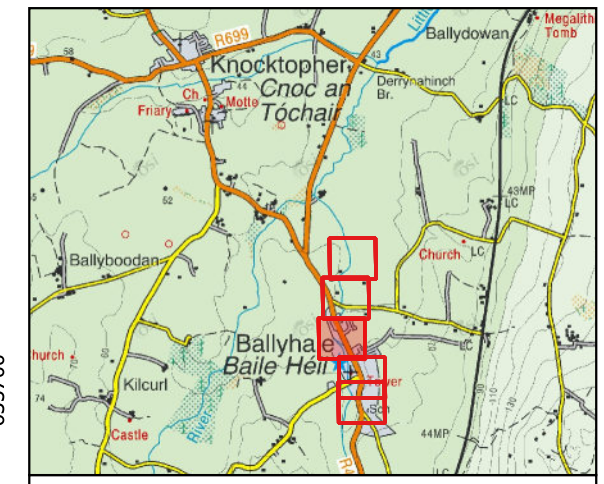
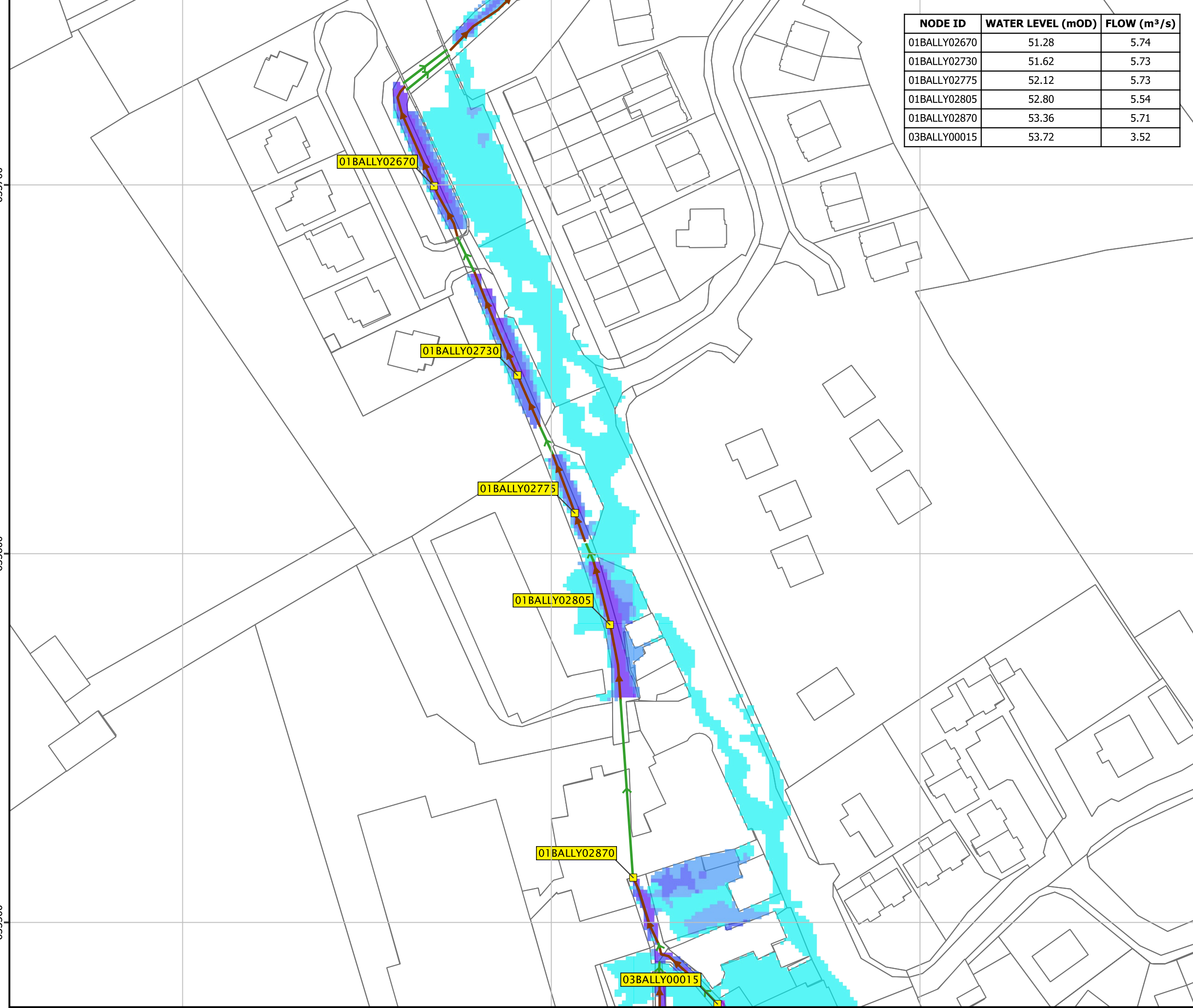
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0 100 METRES



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NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02670	51.28	5.74
01BALLY02730	51.62	5.73
01BALLY02775	52.12	5.73
01BALLY02805	52.80	5.54
01BALLY02870	53.36	5.71
03BALLY00015	53.72	3.52



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLED RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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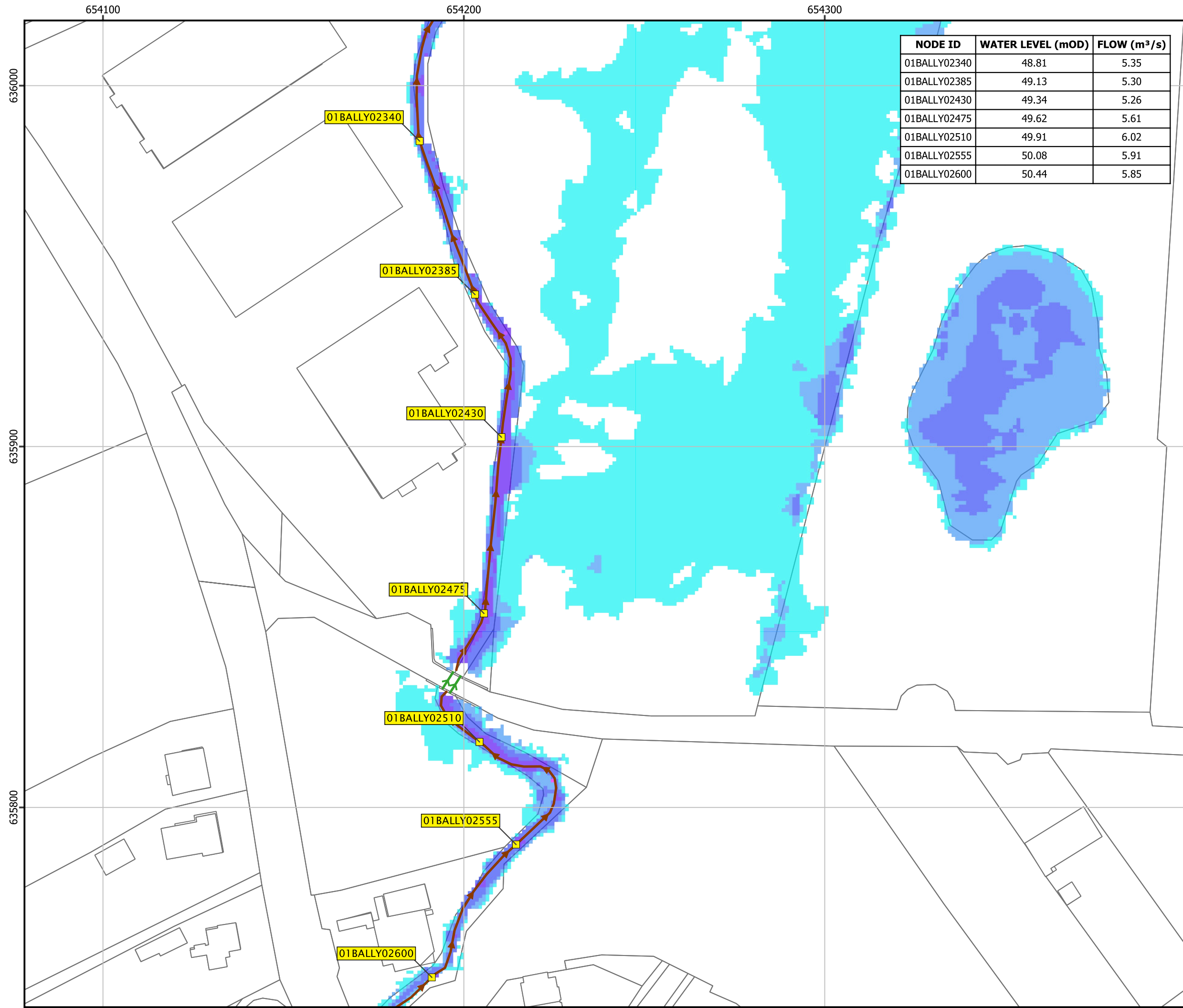


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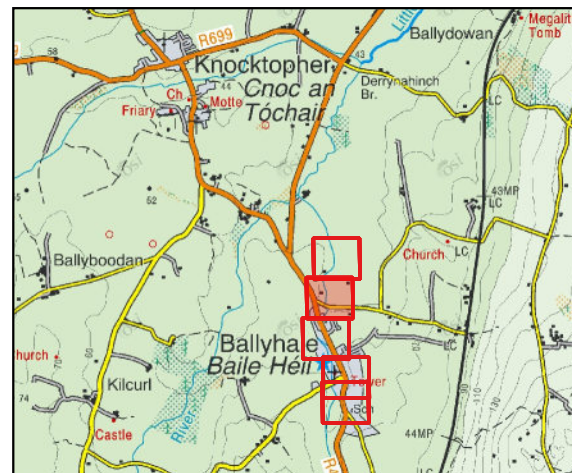
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W: www.mccloyconsulting.ie

<b>MAP:</b> BALLYHAILE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	1% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	PRESENT DAY
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b> DL	<b>DATE:</b> 24/03/2021
<b>CHECKED BY:</b> DKS	<b>DATE:</b> 24/03/2021
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<b>DRAWING NUMBER:</b> 514_DPFC_1_03	
<b>MAP SERIES:</b>	PAGE 3 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02340	48.81	5.35
01BALLY02385	49.13	5.30
01BALLY02430	49.34	5.26
01BALLY02475	49.62	5.61
01BALLY02510	49.91	6.02
01BALLY02555	50.08	5.91
01BALLY02600	50.44	5.85



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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MAP: BALLYHALE, CO. KILKENNY

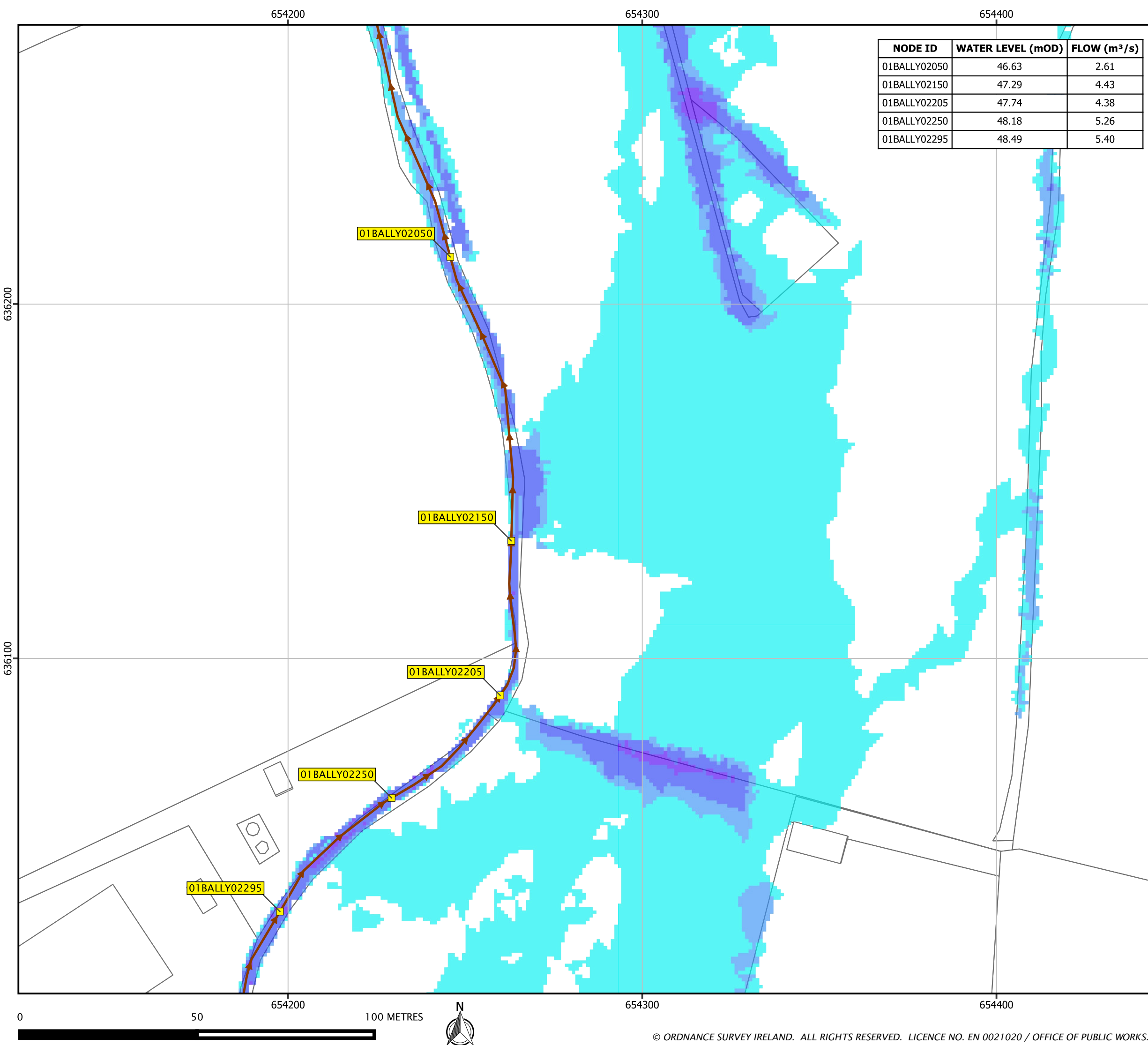
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<b>DRAWN BY:</b>	DL	<b>DATE:</b> 24/03/2021
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**DRAWING NUMBER:** 514\_DPFC\_1\_04

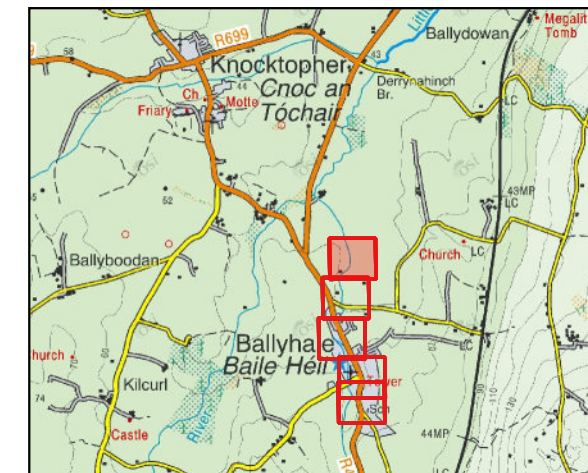
**MAP SERIES:** PAGE 4 OF 5

**DRAWING SCALE:** 1:1000 @ A3





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02050	46.63	2.61
01BALLY02150	47.29	4.43
01BALLY02205	47.74	4.38
01BALLY02250	48.18	5.26
01BALLY02295	48.49	5.40



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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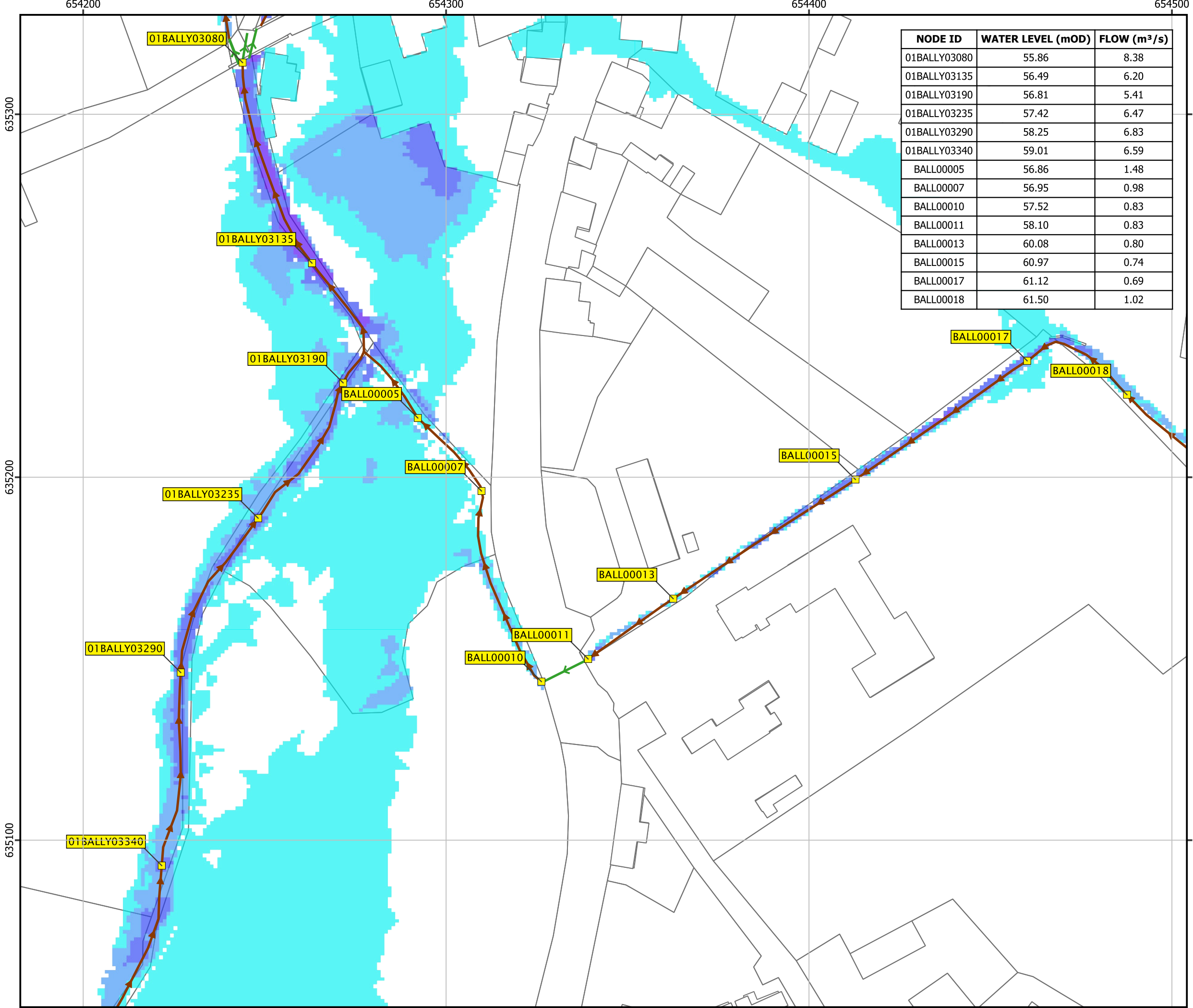


**DBFL** **M'Cloy Consulting**

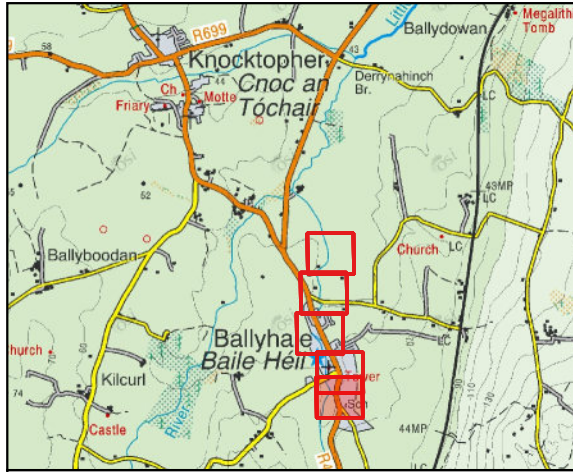
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Balbriggan, Co. Dublin  
T: +353 (0)1 5138963  
E: info@mcclloyconsulting.ie  
W: www.mcclloyconsulting.ie

<b>MAP:</b> BALLYHALE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	1% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	PRESENT DAY
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b> DL	<b>DATE:</b> 24/03/2021
<b>CHECKED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>APPROVED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>DRAWING NUMBER:</b> 514_DPFC_1_05	
<b>MAP SERIES:</b>	PAGE 5 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY03080	55.86	8.38
01BALLY03135	56.49	6.20
01BALLY03190	56.81	5.41
01BALLY03235	57.42	6.47
01BALLY03290	58.25	6.83
01BALLY03340	59.01	6.59
BALL00005	56.86	1.48
BALL00007	56.95	0.98
BALL00010	57.52	0.83
BALL00011	58.10	0.83
BALL00013	60.08	0.80
BALL00015	60.97	0.74
BALL00017	61.12	0.69
BALL00018	61.50	1.02



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLED RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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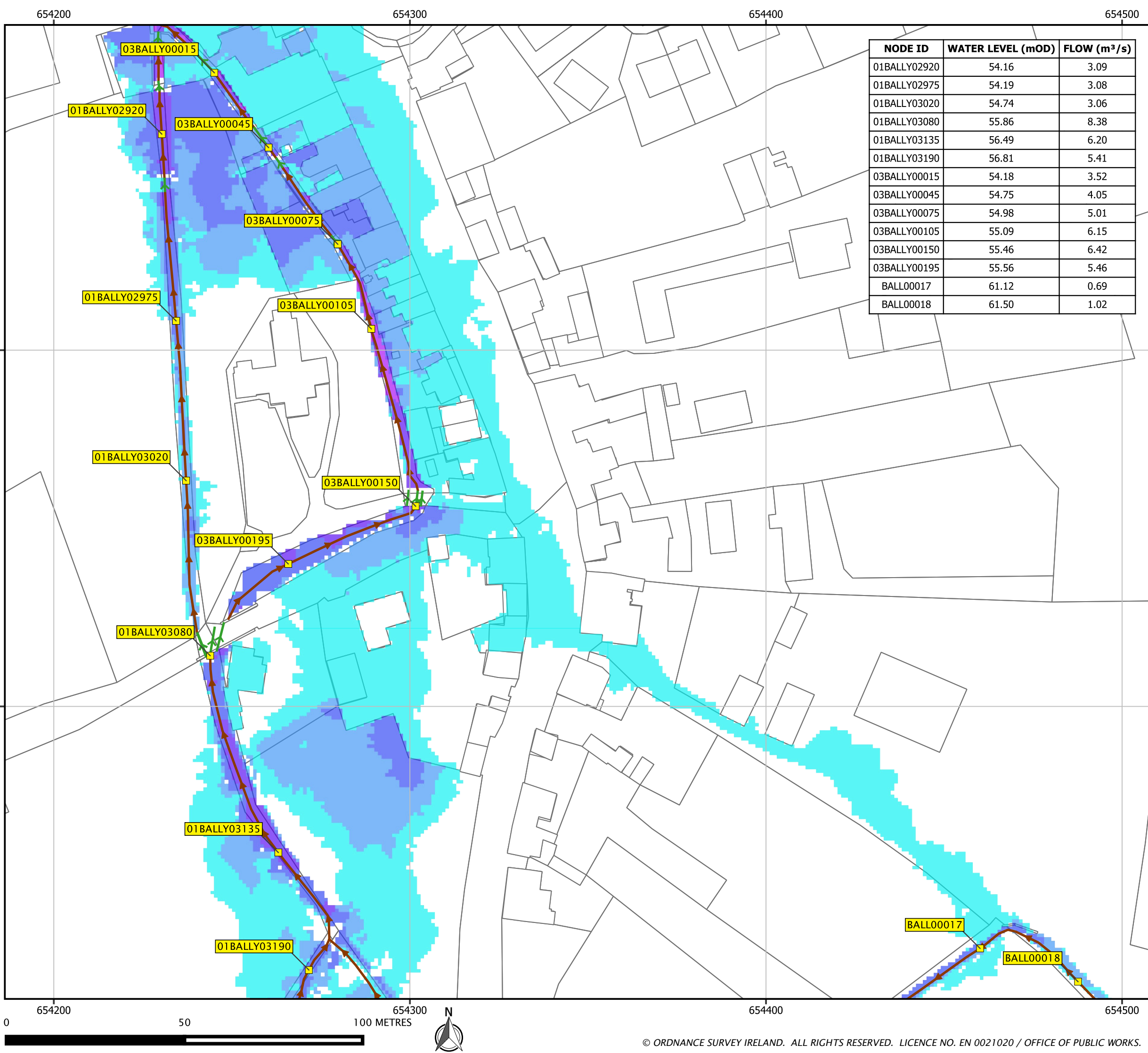
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Dublin 7  
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W: www.dbfl.ie

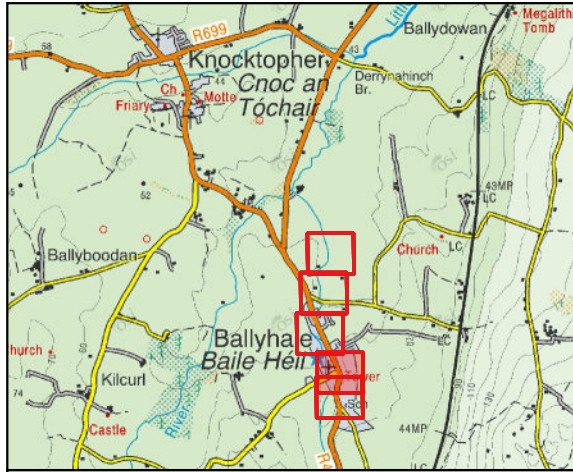
Unit 12, The Beat Centre,  
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Balbriggan, Co. Dublin  
T: +353 (0)1 5138963  
E: info@mcclloyconsulting.ie  
W: www.mcclloyconsulting.ie

MAP: BALLYHAILE, CO. KILKENNY	
FLOOD PROBABILITY:	0.1% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	PRESENT DAY
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFC_01_01	
MAP SERIES:	PAGE 1 OF 5
DRAWING SCALE:	1:1000 @ A3





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02920	54.16	3.09
01BALLY02975	54.19	3.08
01BALLY03020	54.74	3.06
01BALLY03080	55.86	8.38
01BALLY03135	56.49	6.20
01BALLY03190	56.81	5.41
03BALLY00015	54.18	3.52
03BALLY00045	54.75	4.05
03BALLY00075	54.98	5.01
03BALLY00105	55.09	6.15
03BALLY00150	55.46	6.42
03BALLY00195	55.56	5.46
BALL00017	61.12	0.69
BALL00018	61.50	1.02



**IMPORTANT USER NOTE:** MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

**MODELLED RIVER CENTRELINE**

**CULVERTED WATERCOURSE**

**NODE POINT**

<b>REV:</b> 03	<b>NOTE:</b> FOR INFORMATION	<b>DATE:</b> 24/03/2021
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E: info@mcclloyconsulting.ie  
W: www.mcclloyconsulting.ie

<b>MAP:</b> BALLYHAILE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	0.1% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	PRESENT DAY
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b>	DL
<b>DATE:</b>	24/03/2021
<b>CHECKED BY:</b>	DKS
<b>DATE:</b>	24/03/2021
<b>APPROVED BY:</b>	DKS
<b>DATE:</b>	24/03/2021
<b>DRAWING NUMBER:</b> 514_DPFC_01_02	
<b>MAP SERIES:</b>	PAGE 2 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3

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654200

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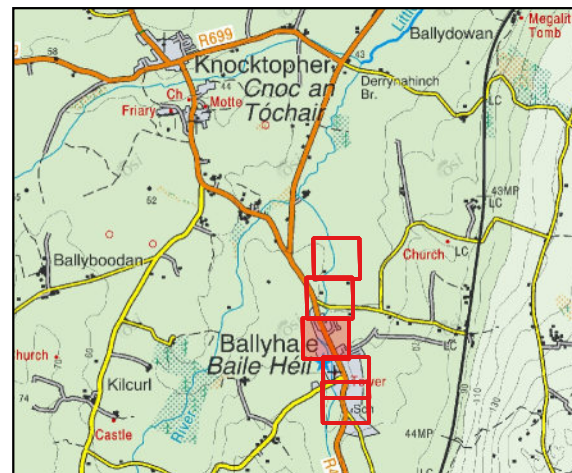
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0 50 100 METRES



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NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02670	51.72	7.50
01BALLY02730	52.01	7.59
01BALLY02775	52.38	7.18
01BALLY02805	53.04	7.67
01BALLY02870	53.81	8.81
03BALLY00015	54.18	3.52



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLED RIVER CENTRELINE

CULVERTED WATERCOURSE

NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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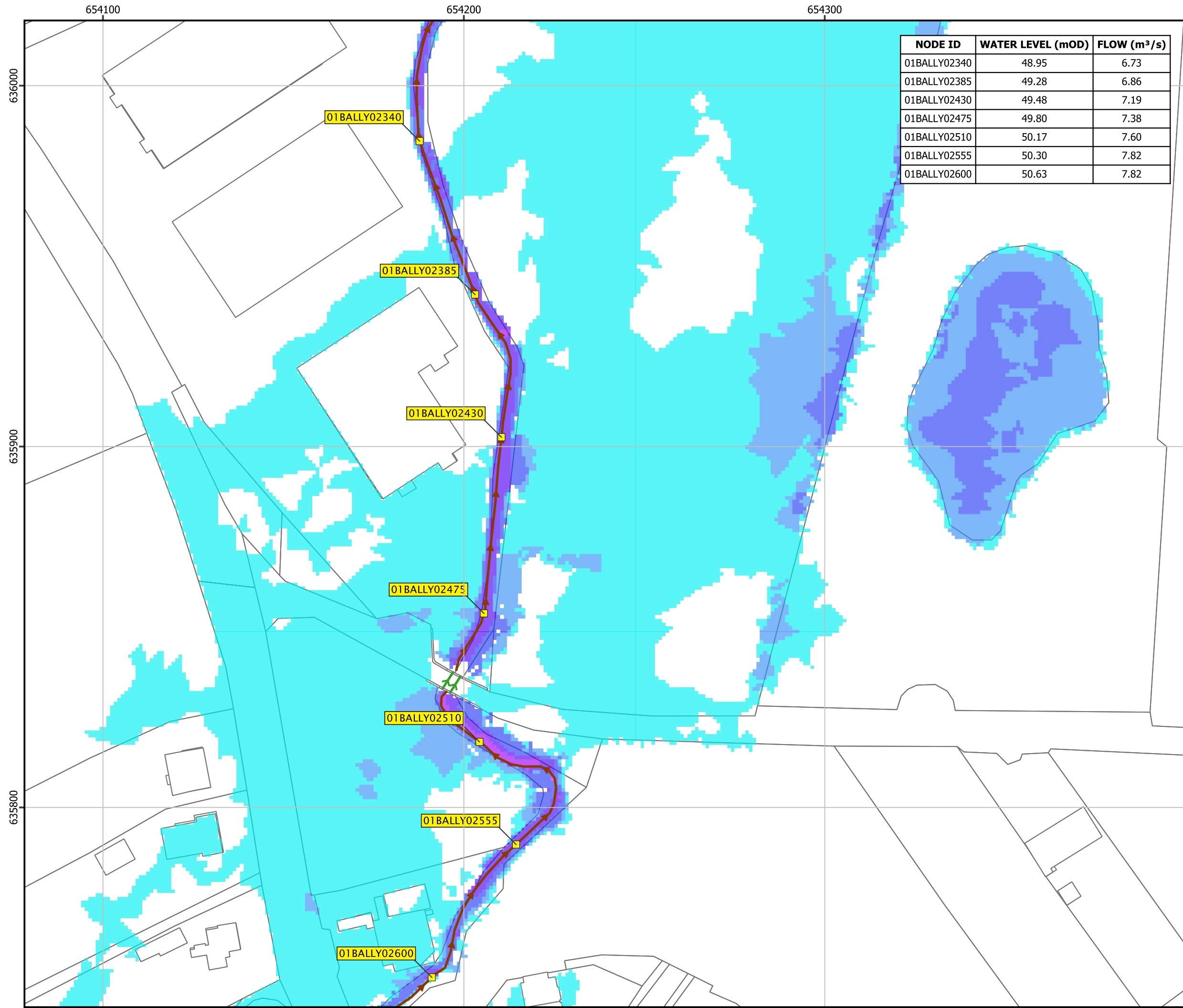


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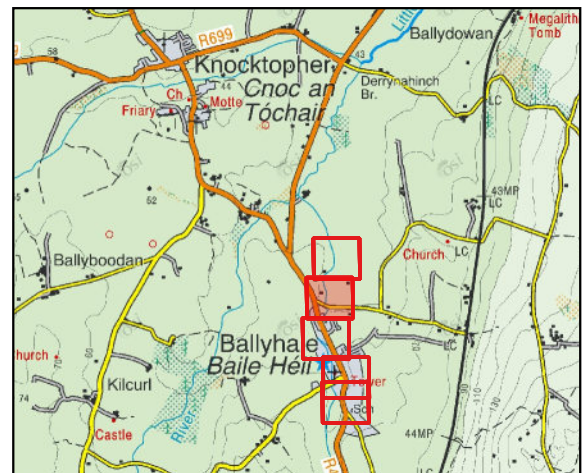
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 T: +353 (0)1 5138963  
 E: info@mcclloyconsulting.ie  
 W: www.mcclloyconsulting.ie

<b>MAP:</b> BALLYHALE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	0.1% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	PRESENT DAY
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b> DL	DATE: 24/03/2021
<b>CHECKED BY:</b> DKS	DATE: 24/03/2021
<b>APPROVED BY:</b> DKS	DATE: 24/03/2021
<b>DRAWING NUMBER:</b> 514_DPFC_01_03	
<b>MAP SERIES:</b>	PAGE 3 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02340	48.95	6.73
01BALLY02385	49.28	6.86
01BALLY02430	49.48	7.19
01BALLY02475	49.80	7.38
01BALLY02510	50.17	7.60
01BALLY02555	50.30	7.82
01BALLY02600	50.63	7.82



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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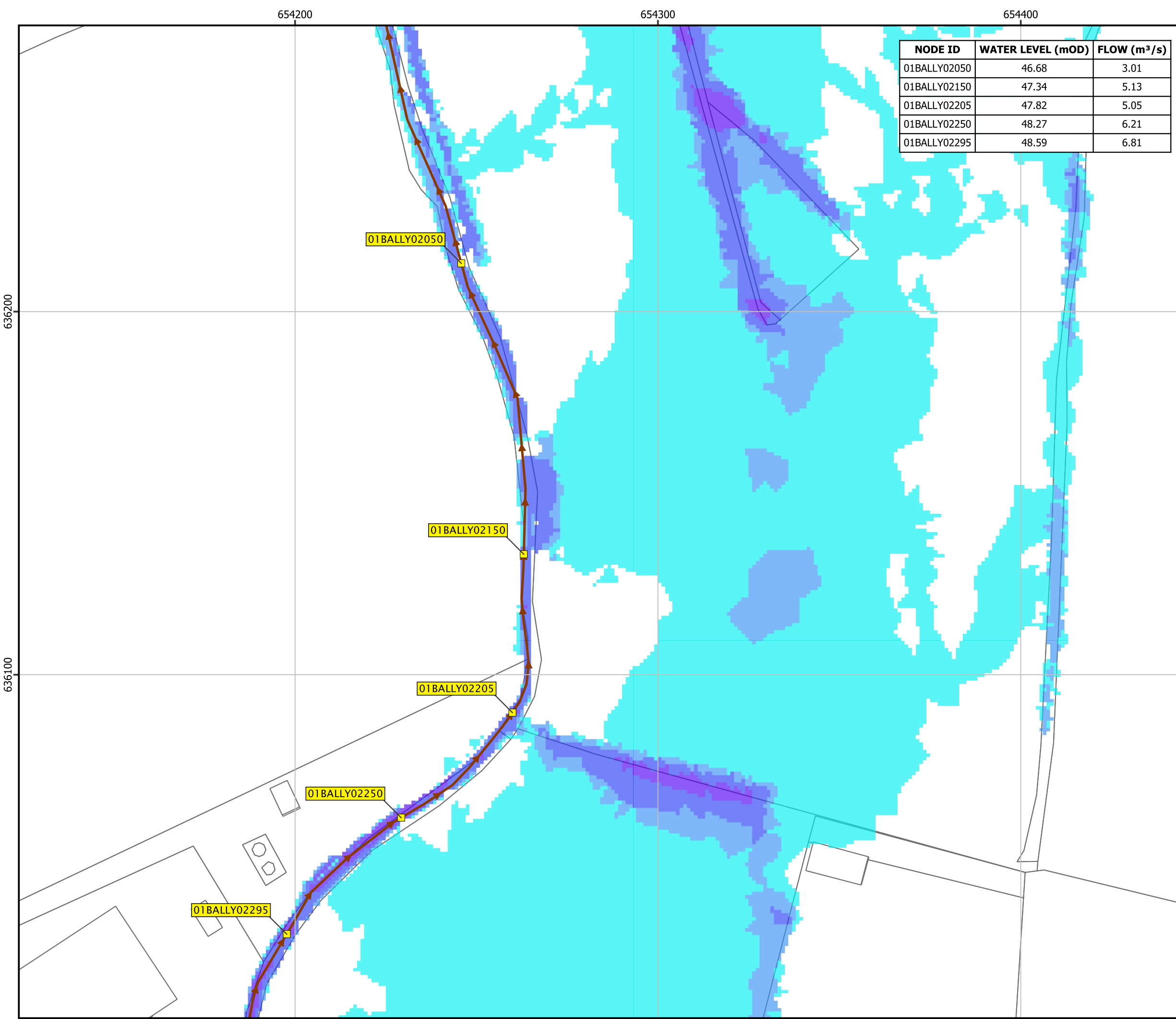
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 E: info@dbfl.ie  
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 T: +353 (0)1 5138963  
 E: info@mccloyconsulting.ie  
 W: www.mccloyconsulting.ie

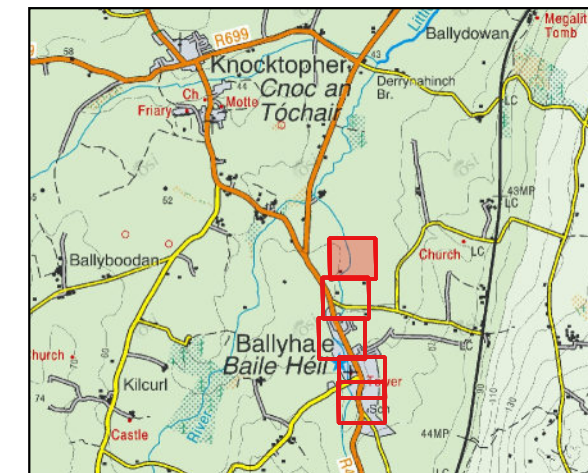
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FLOOD PROBABILITY:	0.1% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	PRESENT DAY
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514-DPFC_01_04	
MAP SERIES:	PAGE 4 OF 5
DRAWING SCALE:	1:1000 @ A3







NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02050	46.68	3.01
01BALLY02150	47.34	5.13
01BALLY02205	47.82	5.05
01BALLY02250	48.27	6.21
01BALLY02295	48.59	6.81



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

**MODELLED RIVER CENTRELINE**

**CULVERTED WATERCOURSE**

**NODE POINT**

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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MAP: BALLYHAILE, CO. KILKENNY

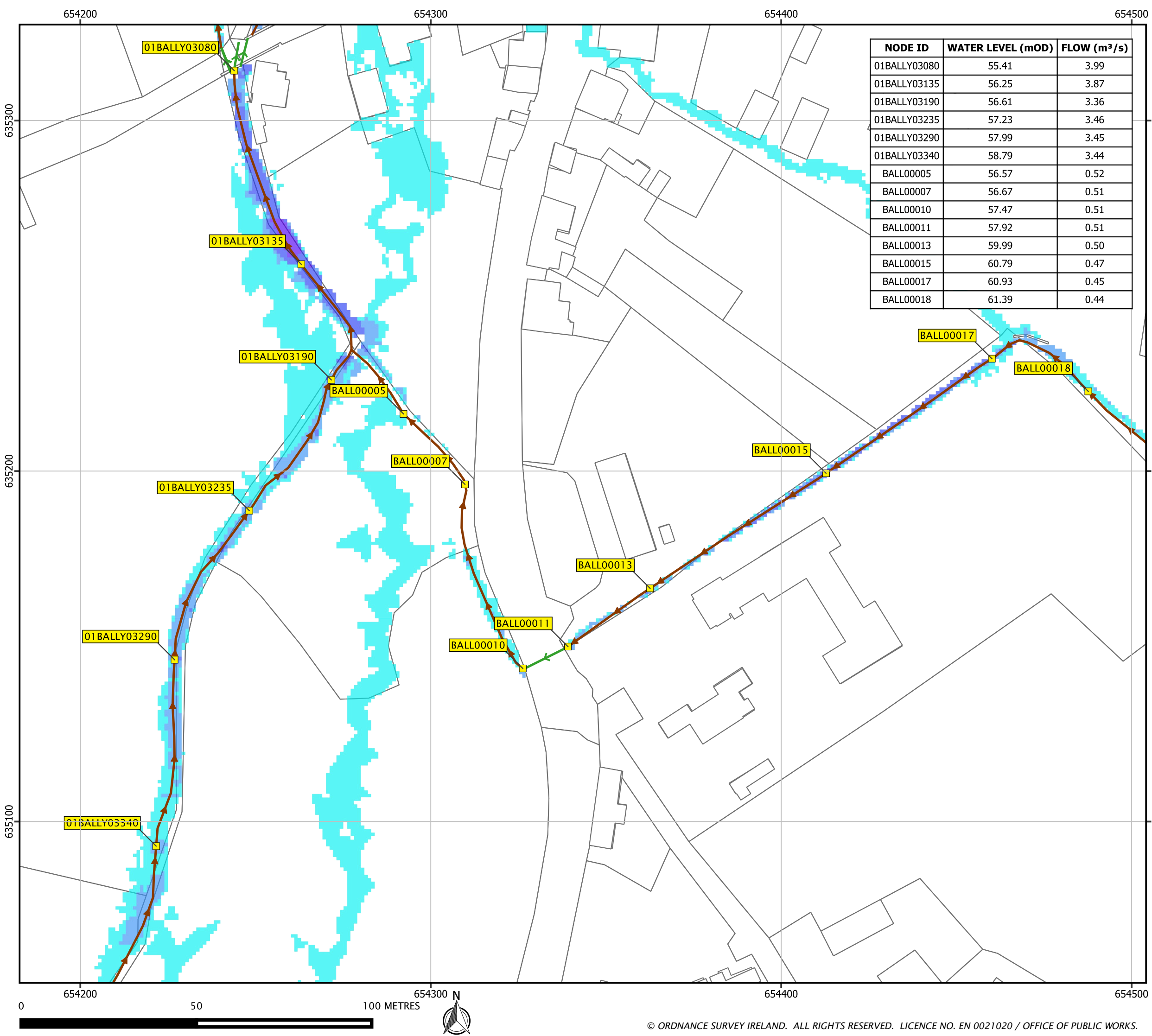
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<b>MAP TYPE:</b>	DEPTH	
<b>SOURCE:</b>	FLUVIAL	
<b>HYDROLOGY SCENARIO:</b>	PRESENT DAY	
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY	
<b>DRAWN BY:</b>	DL	DATE: 24/03/2021
<b>CHECKED BY:</b>	DKS	DATE: 24/03/2021
<b>APPROVED BY:</b>	DKS	DATE: 24/03/2021

**DRAWING NUMBER:**  
514-DPFC\_01\_05

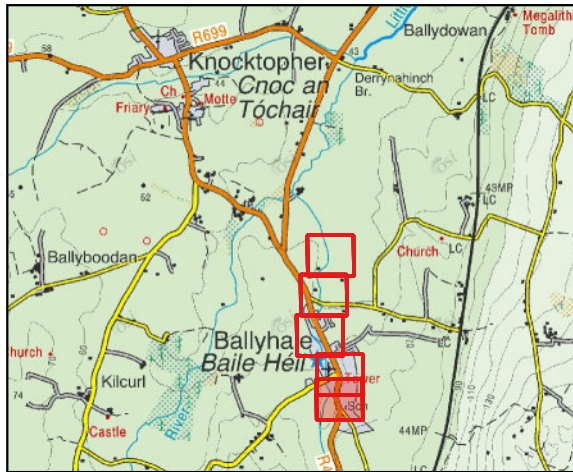
**MAP SERIES:** PAGE 5 OF 5

**DRAWING SCALE:** 1:1000 @ A3





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY03080	55.41	3.99
01BALLY03135	56.25	3.87
01BALLY03190	56.61	3.36
01BALLY03235	57.23	3.46
01BALLY03290	57.99	3.45
01BALLY03340	58.79	3.44
BALL00005	56.57	0.52
BALL00007	56.67	0.51
BALL00010	57.47	0.51
BALL00011	57.92	0.51
BALL00013	59.99	0.50
BALL00015	60.79	0.47
BALL00017	60.93	0.45
BALL00018	61.39	0.44



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLLED RIVER CENTRELINE

CULVERTED WATERCOURSE

NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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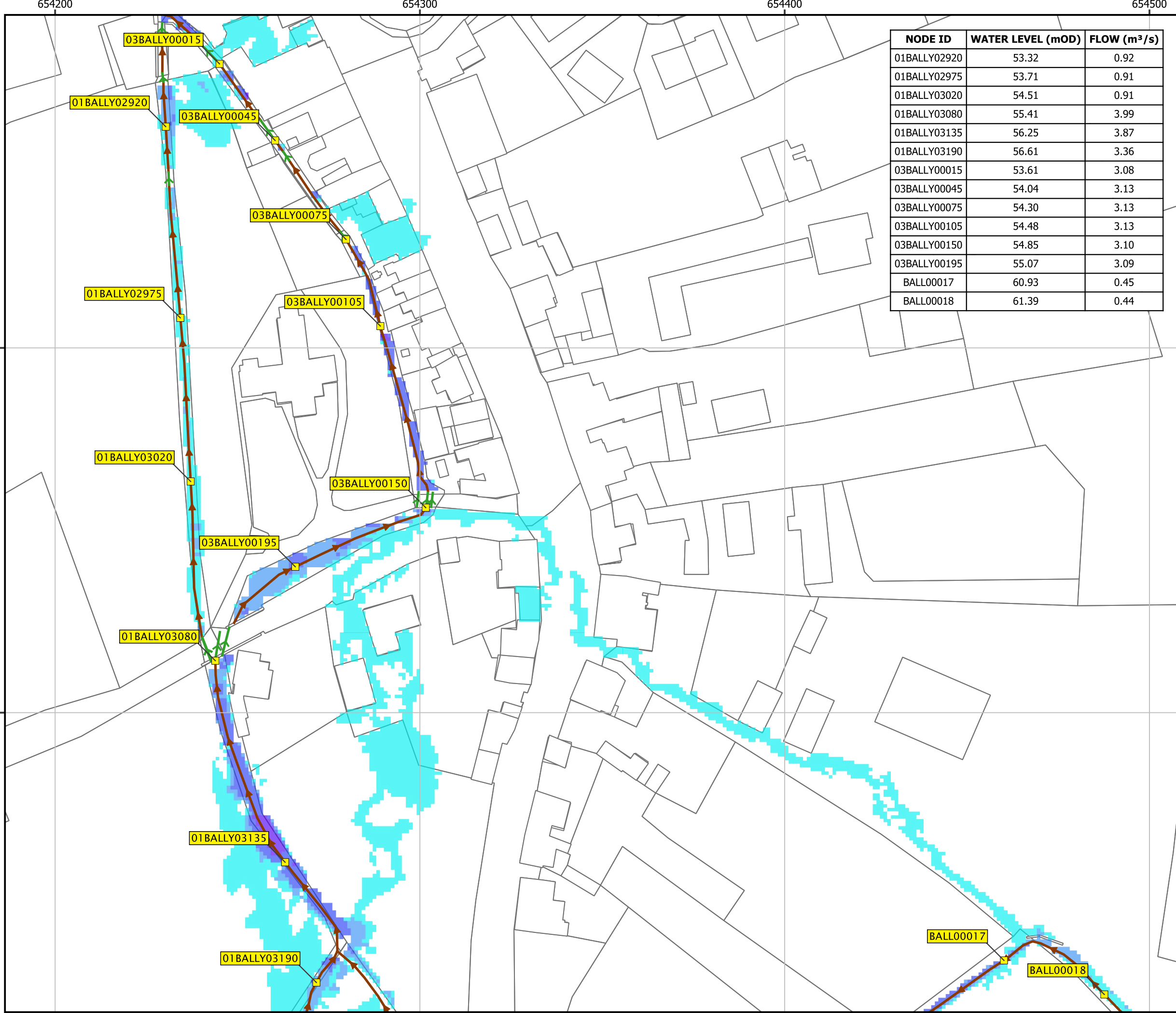


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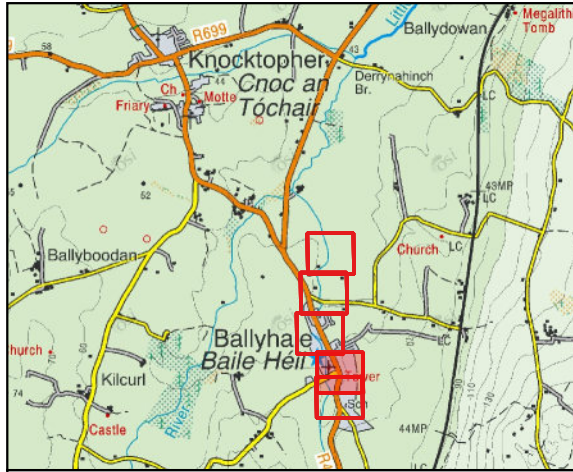
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Balbriggan, Co. Dublin  
T: +353 (0)1 5138963  
E: info@mcclloyconsulting.ie  
W: www.mcclloyconsulting.ie

MAP: BALLYHALE, CO. KILKENNY	
FLOOD PROBABILITY:	10% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	MRFS
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFM_10_01	
MAP SERIES:	PAGE 1 OF 5
DRAWING SCALE:	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02920	53.32	0.92
01BALLY02975	53.71	0.91
01BALLY03020	54.51	0.91
01BALLY03080	55.41	3.99
01BALLY03135	56.25	3.87
01BALLY03190	56.61	3.36
03BALLY00015	53.61	3.08
03BALLY00045	54.04	3.13
03BALLY00075	54.30	3.13
03BALLY00105	54.48	3.13
03BALLY00150	54.85	3.10
03BALLY00195	55.07	3.09
BALL00017	60.93	0.45
BALL00018	61.39	0.44



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLER RIVER CENTRELINE  
 CULVERTED WATERCOURSE  
 NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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E: info@mcclloyconsulting.ie  
W: www.mcclloyconsulting.ie

MAP: BALLYHAILE, CO. KILKENNY		
FLOOD PROBABILITY:	10% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	MRFS	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514_DPFM_10_02		
MAP SERIES:	PAGE 2 OF 5	
DRAWING SCALE:	1:1000 @ A3	



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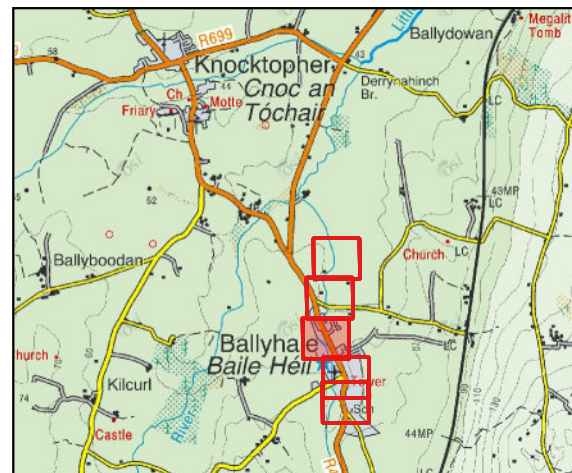
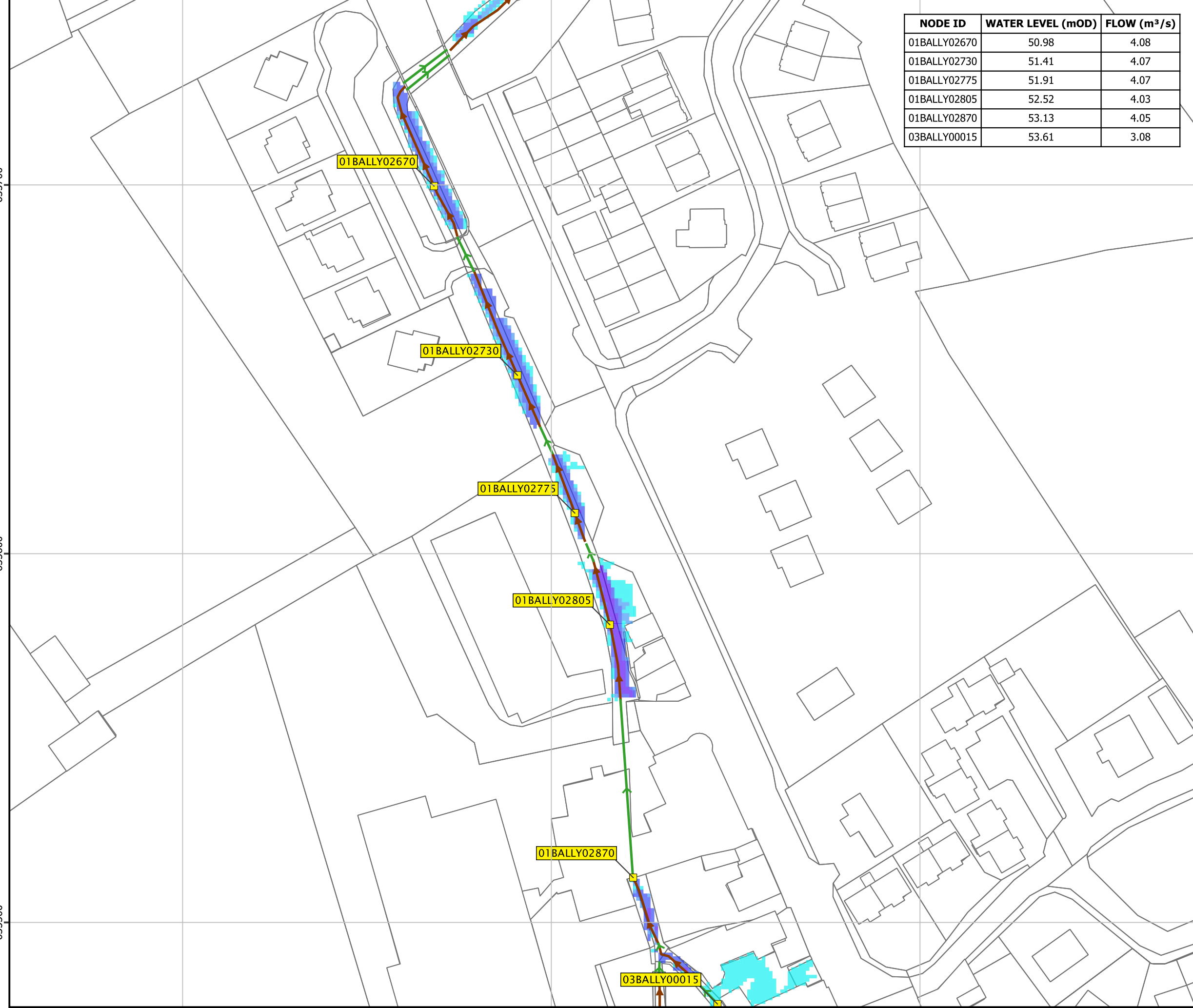
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0 50 100 METRES



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NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02670	50.98	4.08
01BALLY02730	51.41	4.07
01BALLY02775	51.91	4.07
01BALLY02805	52.52	4.03
01BALLY02870	53.13	4.05
03BALLY00015	53.61	3.08



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FR5 HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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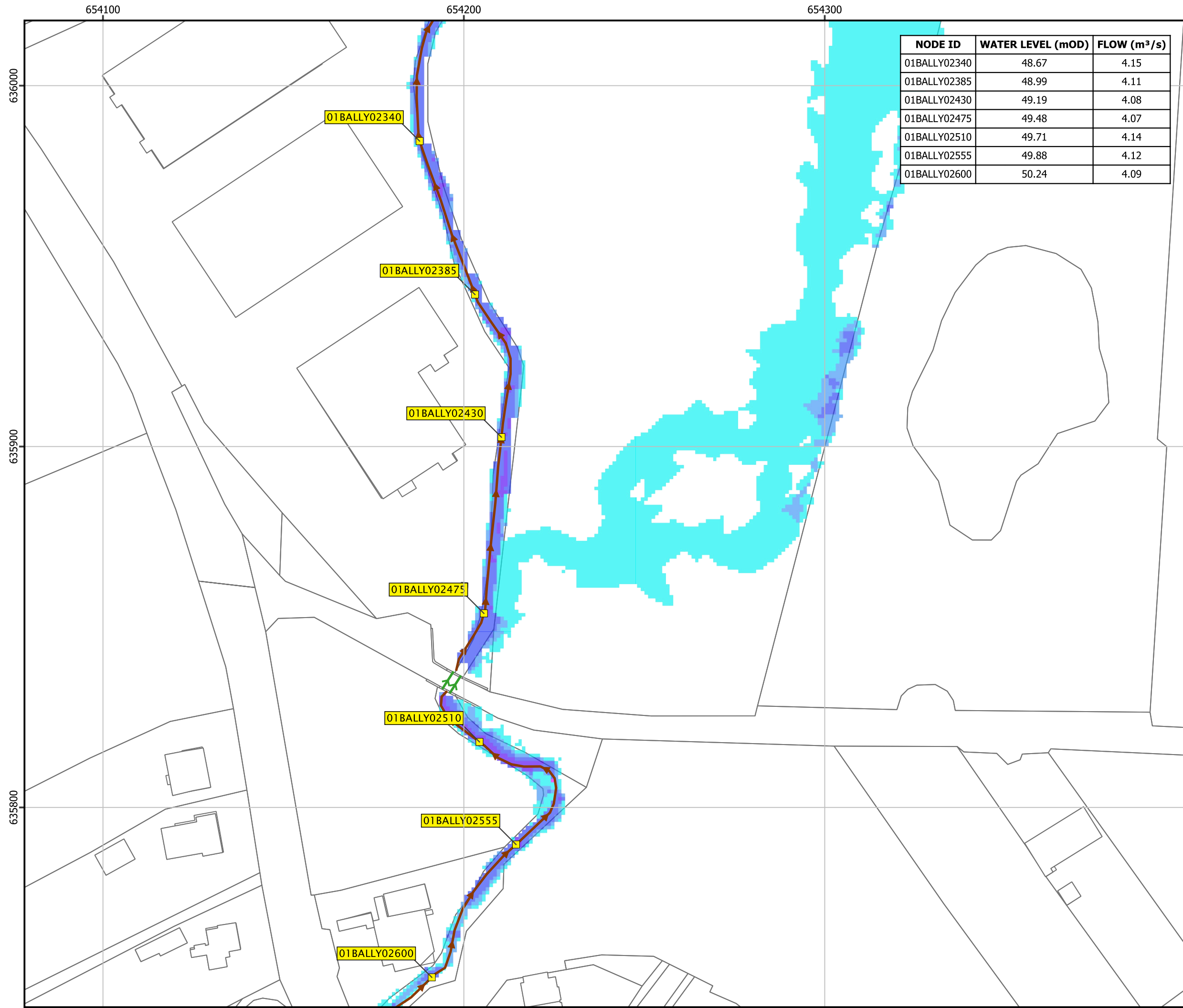


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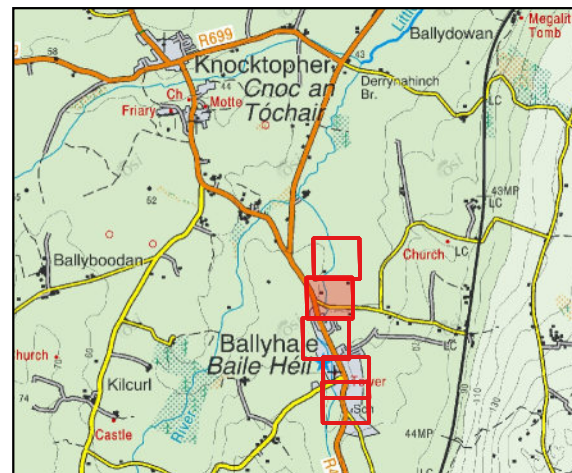
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E: info@mccloyconsulting.ie  
W: www.mccloyconsulting.ie

<b>MAP:</b> BALLYHAILE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	10% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	MRFS
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b> DL	<b>DATE:</b> 24/03/2021
<b>CHECKED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>APPROVED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>DRAWING NUMBER:</b> 514_DPFM_10_03	
<b>MAP SERIES:</b>	PAGE 3 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02340	48.67	4.15
01BALLY02385	48.99	4.11
01BALLY02430	49.19	4.08
01BALLY02475	49.48	4.07
01BALLY02510	49.71	4.14
01BALLY02555	49.88	4.12
01BALLY02600	50.24	4.09



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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W: www.dbfl.ie

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W: www.mcclloyconsulting.ie

MAP: BALLYHAILE, CO. KILKENNY

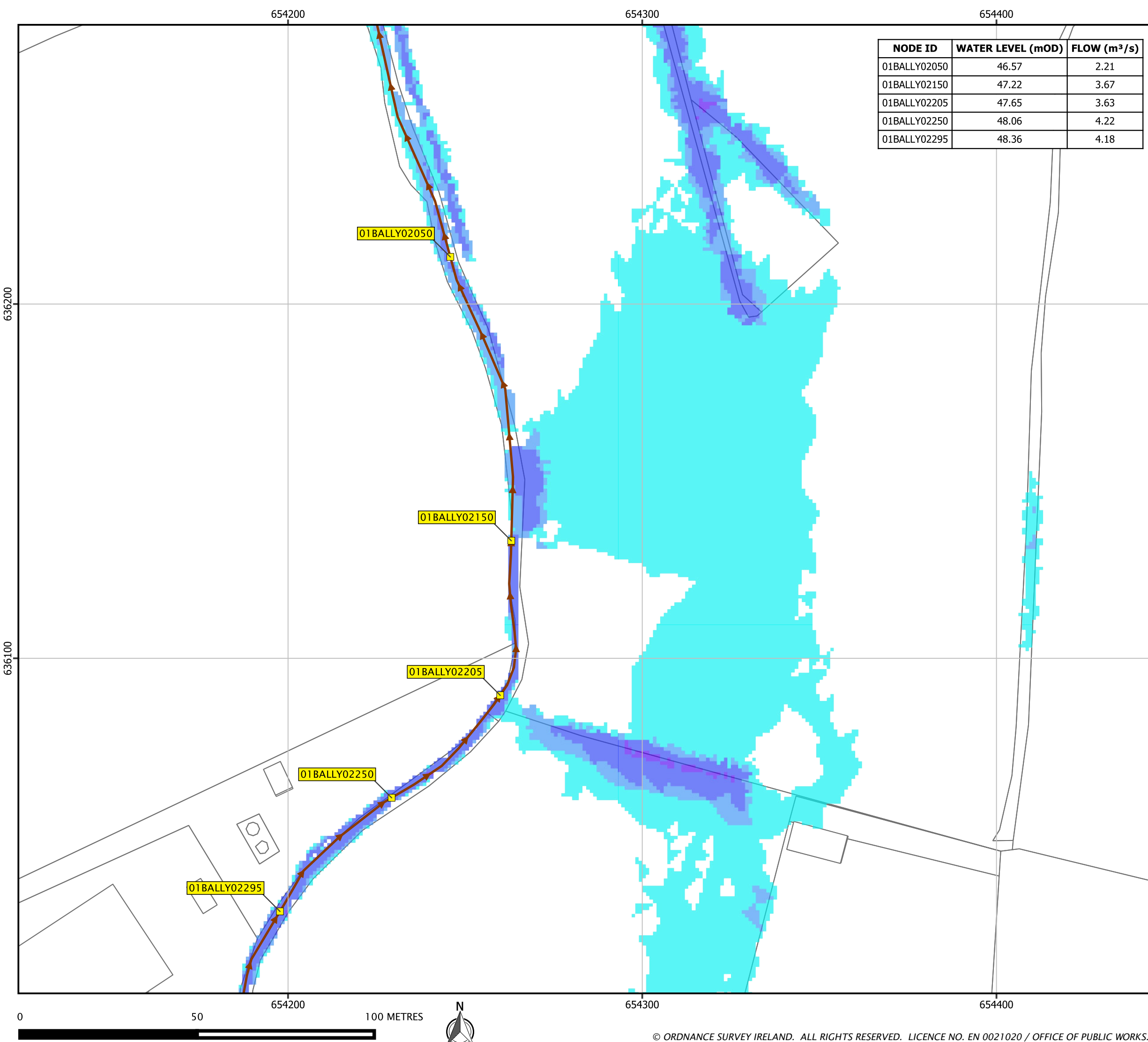
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MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	MRFS	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021

DRAWING NUMBER: 514\_DPFM\_10\_04

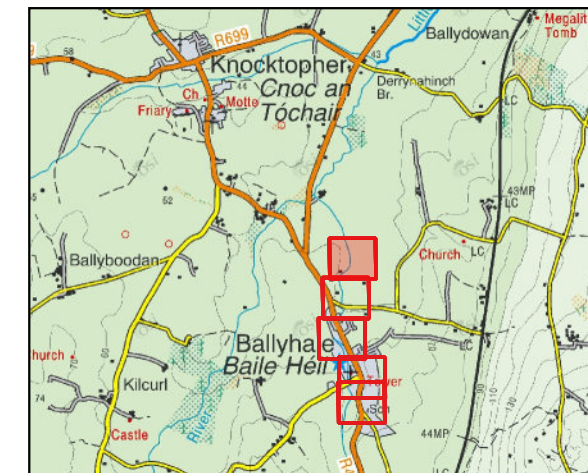
MAP SERIES: PAGE 4 OF 5

DRAWING SCALE: 1:1000 @ A3





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02050	46.57	2.21
01BALLY02150	47.22	3.67
01BALLY02205	47.65	3.63
01BALLY02250	48.06	4.22
01BALLY02295	48.36	4.18



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

**MODELLED RIVER CENTRELINE**

**CULVERTED WATERCOURSE**

**NODE POINT**

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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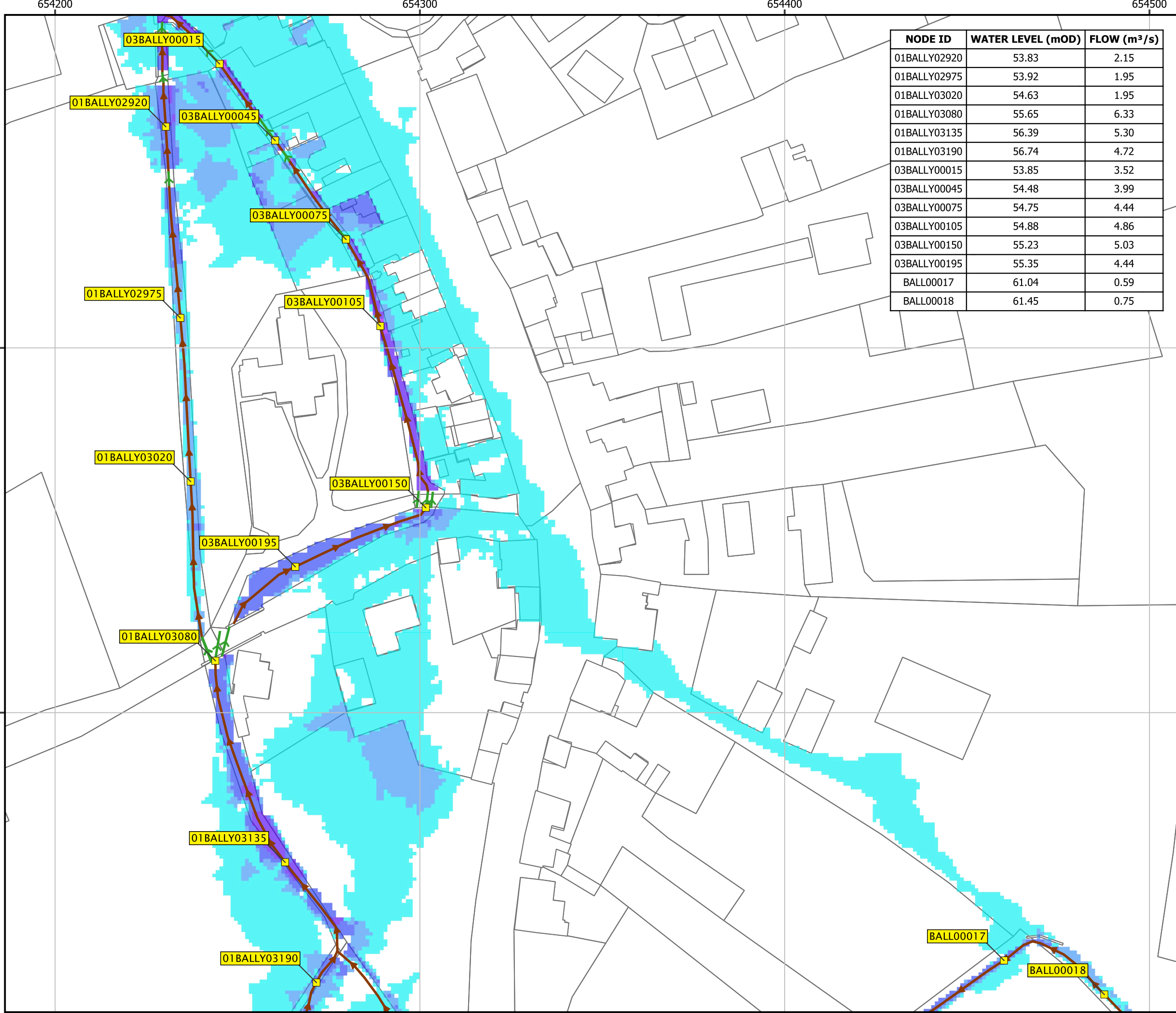
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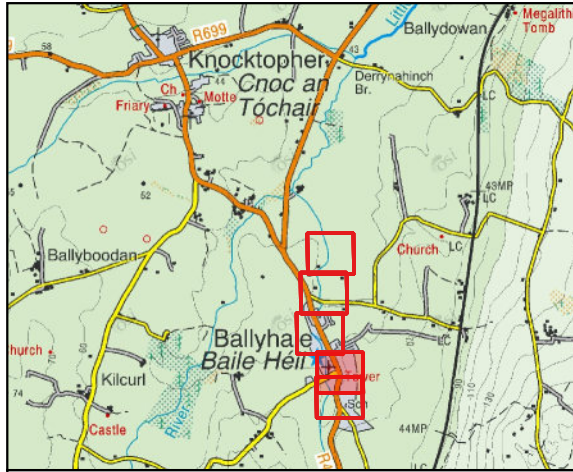
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T: +353 (0)1 5138963  
E: info@mcclloyconsulting.ie  
W: www.mcclloyconsulting.ie

<b>MAP:</b> BALLYHAILE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	10% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	MRFS
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b> DL	<b>DATE:</b> 24/03/2021
<b>CHECKED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>APPROVED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>DRAWING NUMBER:</b> 514_DPFM_10_05	
<b>MAP SERIES:</b>	PAGE 5 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02920	53.83	2.15
01BALLY02975	53.92	1.95
01BALLY03020	54.63	1.95
01BALLY03080	55.65	6.33
01BALLY03135	56.39	5.30
01BALLY03190	56.74	4.72
03BALLY00015	53.85	3.52
03BALLY00045	54.48	3.99
03BALLY00075	54.75	4.44
03BALLY00105	54.88	4.86
03BALLY00150	55.23	5.03
03BALLY00195	55.35	4.44
BALL00017	61.04	0.59
BALL00018	61.45	0.75



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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MAP: BALLYHAILE, CO. KILKENNY		
FLOOD PROBABILITY:	1% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	MRFS	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514-DPFM_1_02		
MAP SERIES:	PAGE 2 OF 5	
DRAWING SCALE:	1:1000 @ A3	





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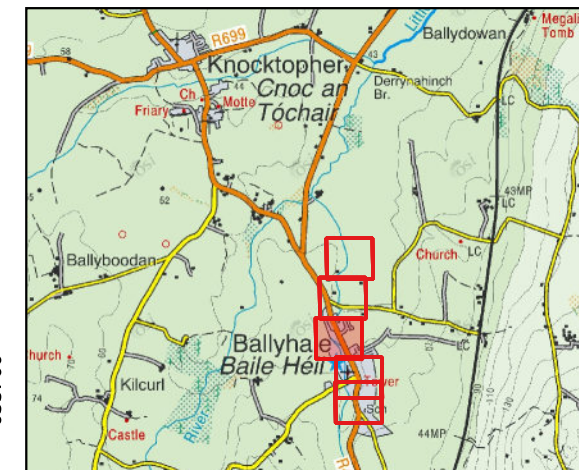
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NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02670	51.52	6.49
01BALLY02730	51.80	6.48
01BALLY02775	52.21	6.46
01BALLY02805	52.92	6.37
01BALLY02870	53.51	6.78
03BALLY00015	53.85	3.52



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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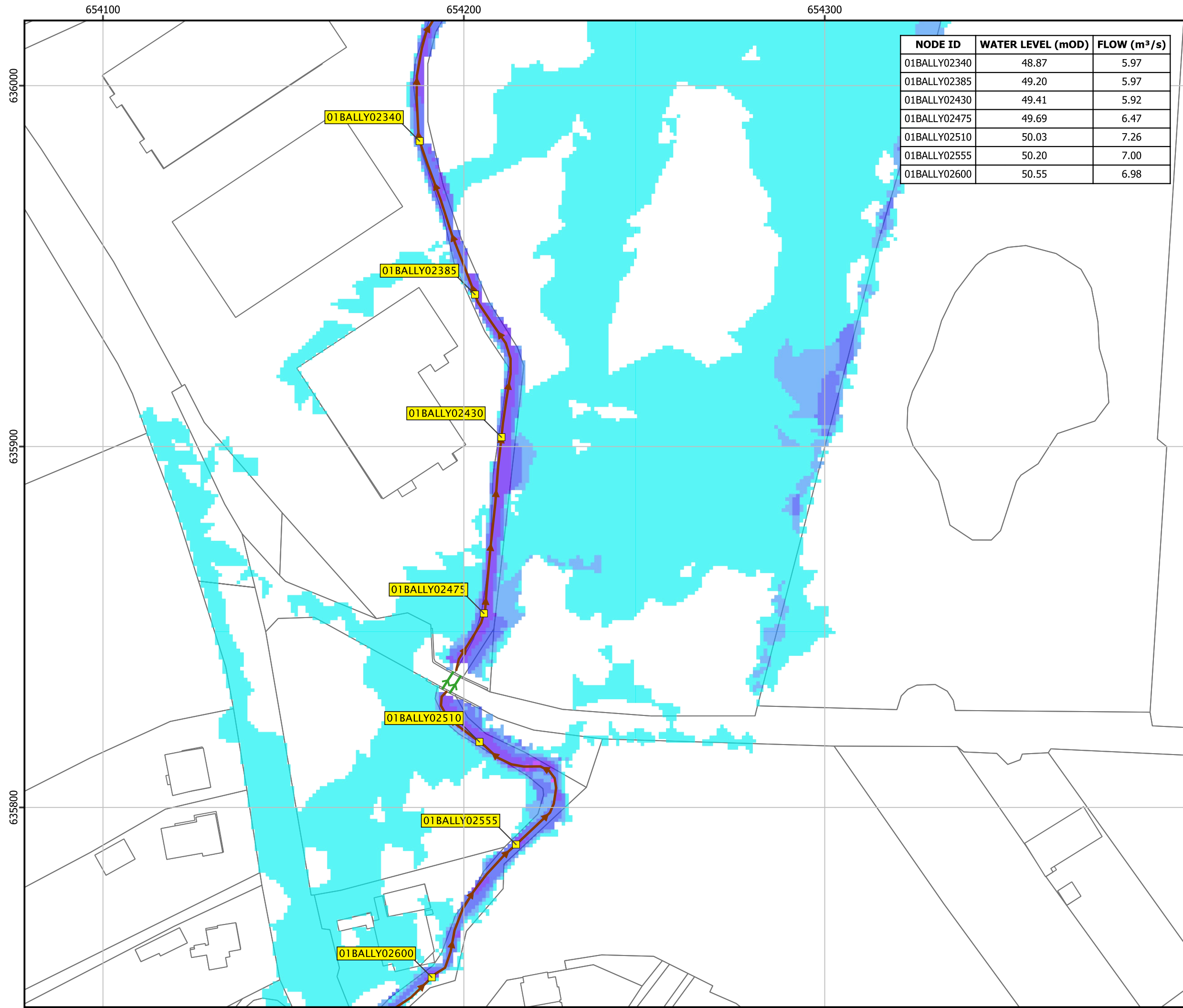


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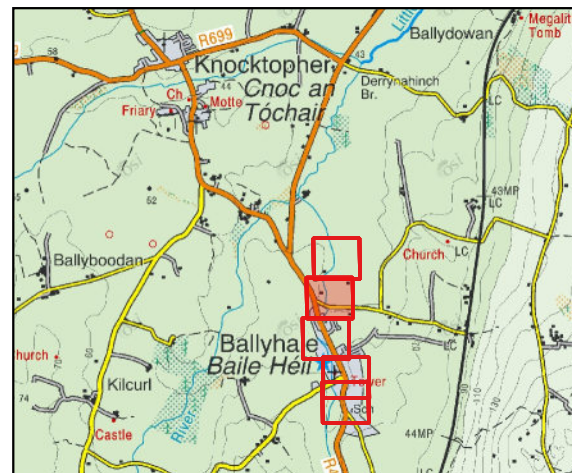
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<b>MAP:</b> BALLYHAILE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	1% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	MRFS
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b> DL	<b>DATE:</b> 24/03/2021
<b>CHECKED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>APPROVED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>DRAWING NUMBER:</b> 514-DPFM_1_03	
<b>MAP SERIES:</b>	PAGE 3 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02340	48.87	5.97
01BALLY02385	49.20	5.97
01BALLY02430	49.41	5.92
01BALLY02475	49.69	6.47
01BALLY02510	50.03	7.26
01BALLY02555	50.20	7.00
01BALLY02600	50.55	6.98



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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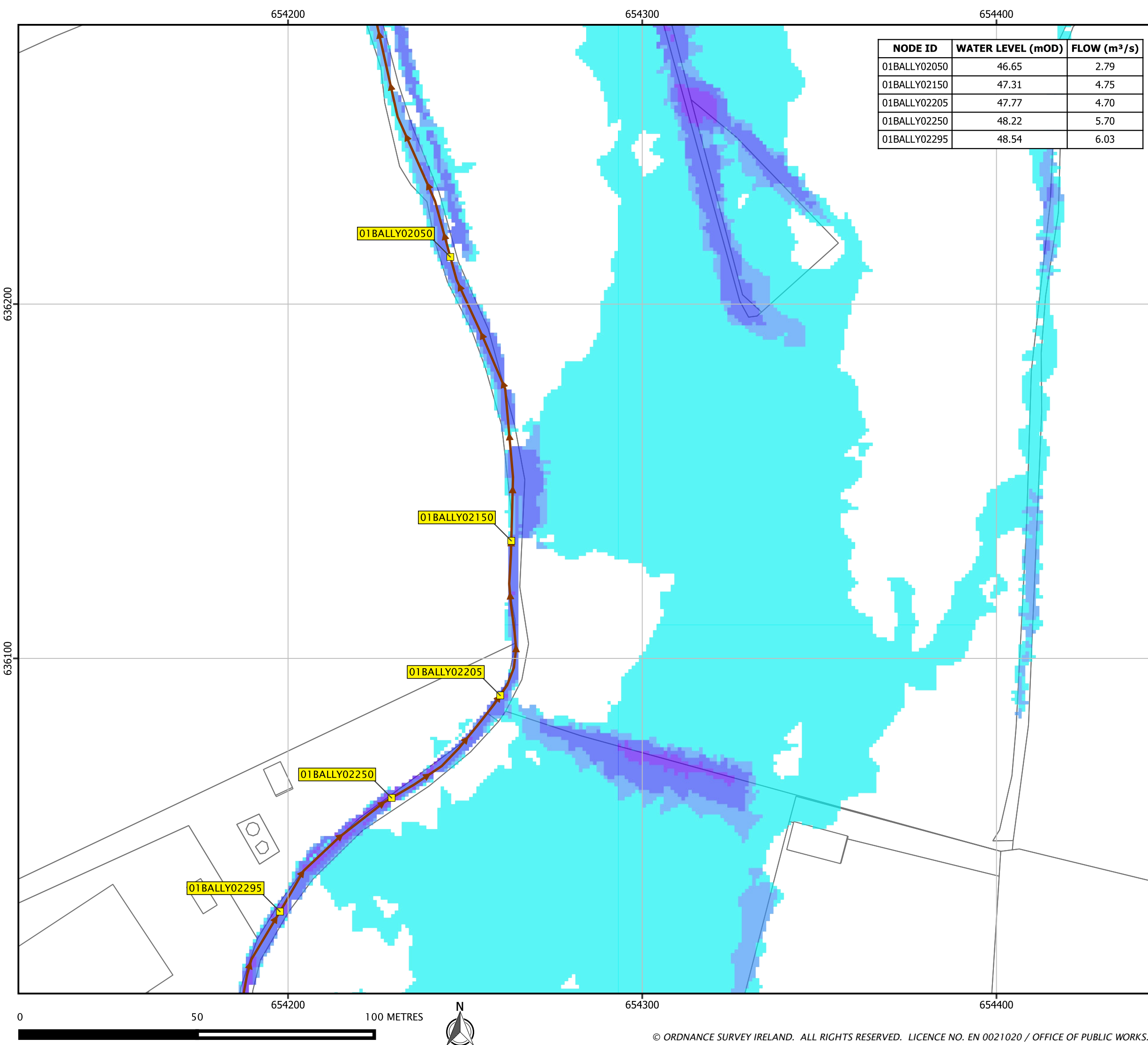
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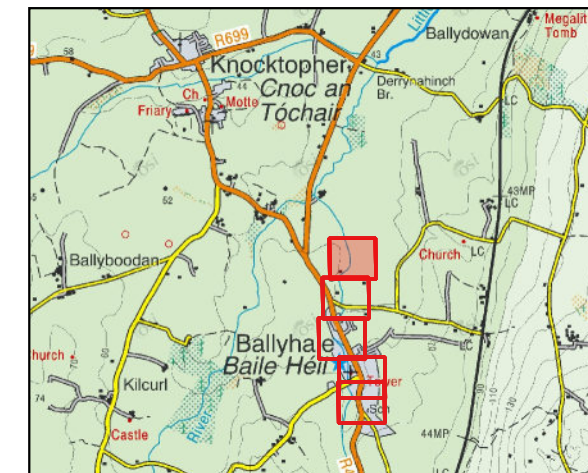
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MAP: BALLYHAILE, CO. KILKENNY		
FLOOD PROBABILITY:	1% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	MRFS	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514-DPFM_1_04		
MAP SERIES:	PAGE 4 OF 5	
DRAWING SCALE:	1:1000 @ A3	





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02050	46.65	2.79
01BALLY02150	47.31	4.75
01BALLY02205	47.77	4.70
01BALLY02250	48.22	5.70
01BALLY02295	48.54	6.03



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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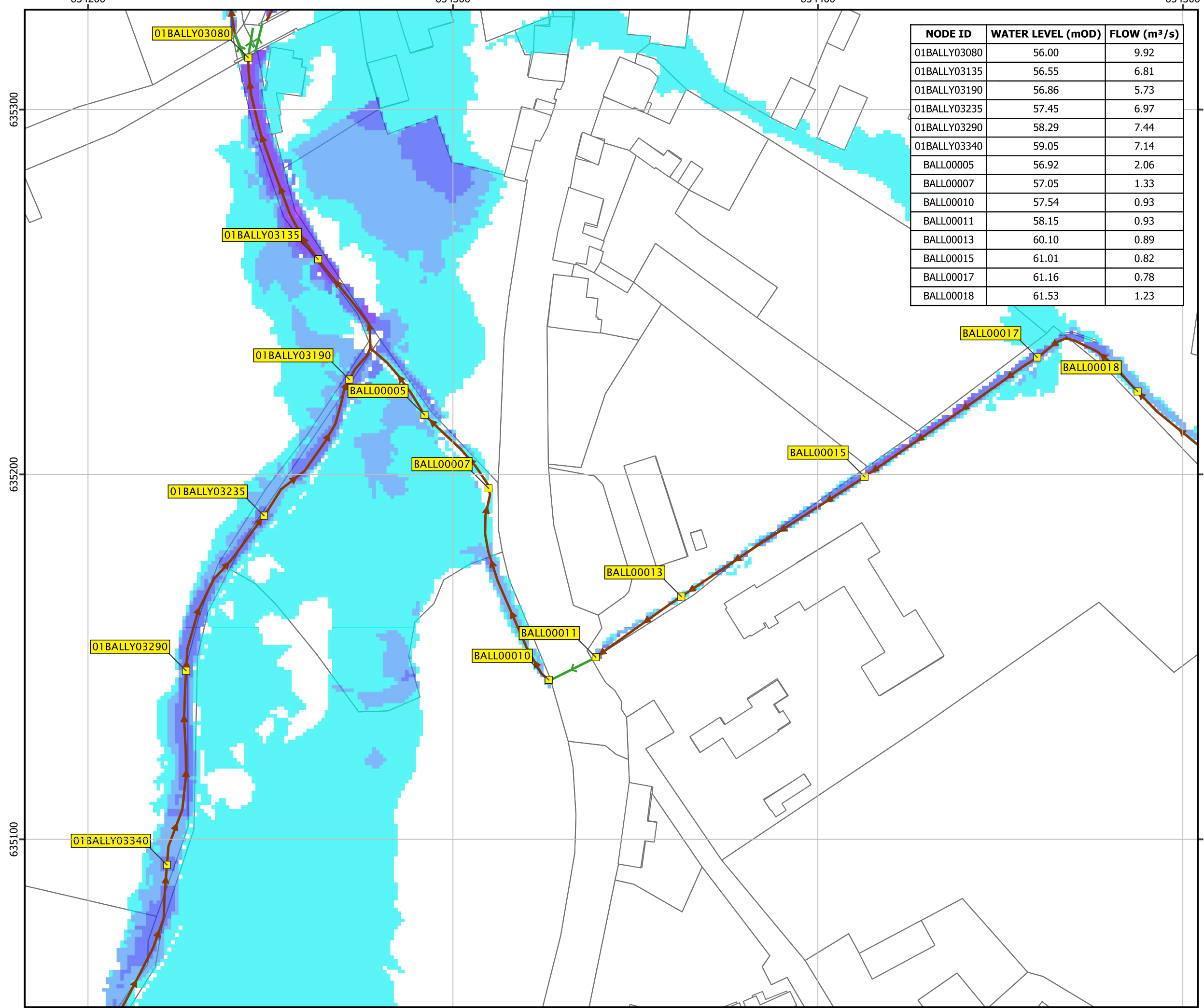


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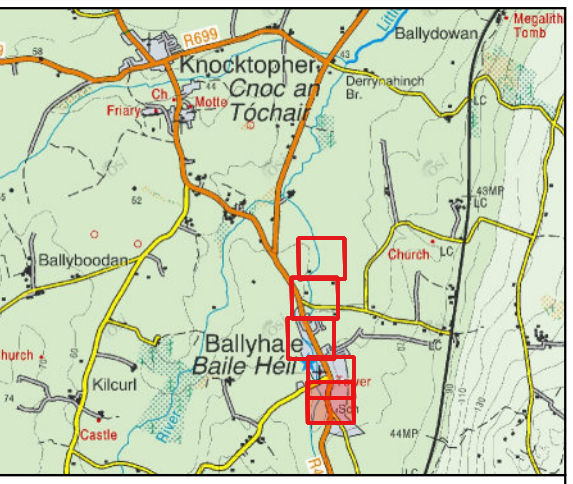
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MAP: BALLYHALE, CO. KILKENNY		
FLOOD PROBABILITY:	1% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	MRFS	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514-DPFM_1_05		
MAP SERIES:	PAGE 5 OF 5	
DRAWING SCALE:	1:1000 @ A3	



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY03080	56.00	9.92
01BALLY03135	56.55	6.81
01BALLY03190	56.86	5.73
01BALLY03235	57.45	6.97
01BALLY03290	58.29	7.44
01BALLY03340	59.05	7.14
BALL00005	56.92	2.06
BALL00007	57.05	1.33
BALL00010	57.54	0.93
BALL00011	58.15	0.93
BALL00013	60.10	0.89
BALL00015	61.01	0.82
BALL00017	61.16	0.78
BALL00018	61.53	1.23



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLER RIVER CENTRELINE

CULVERTED WATERCOURSE

NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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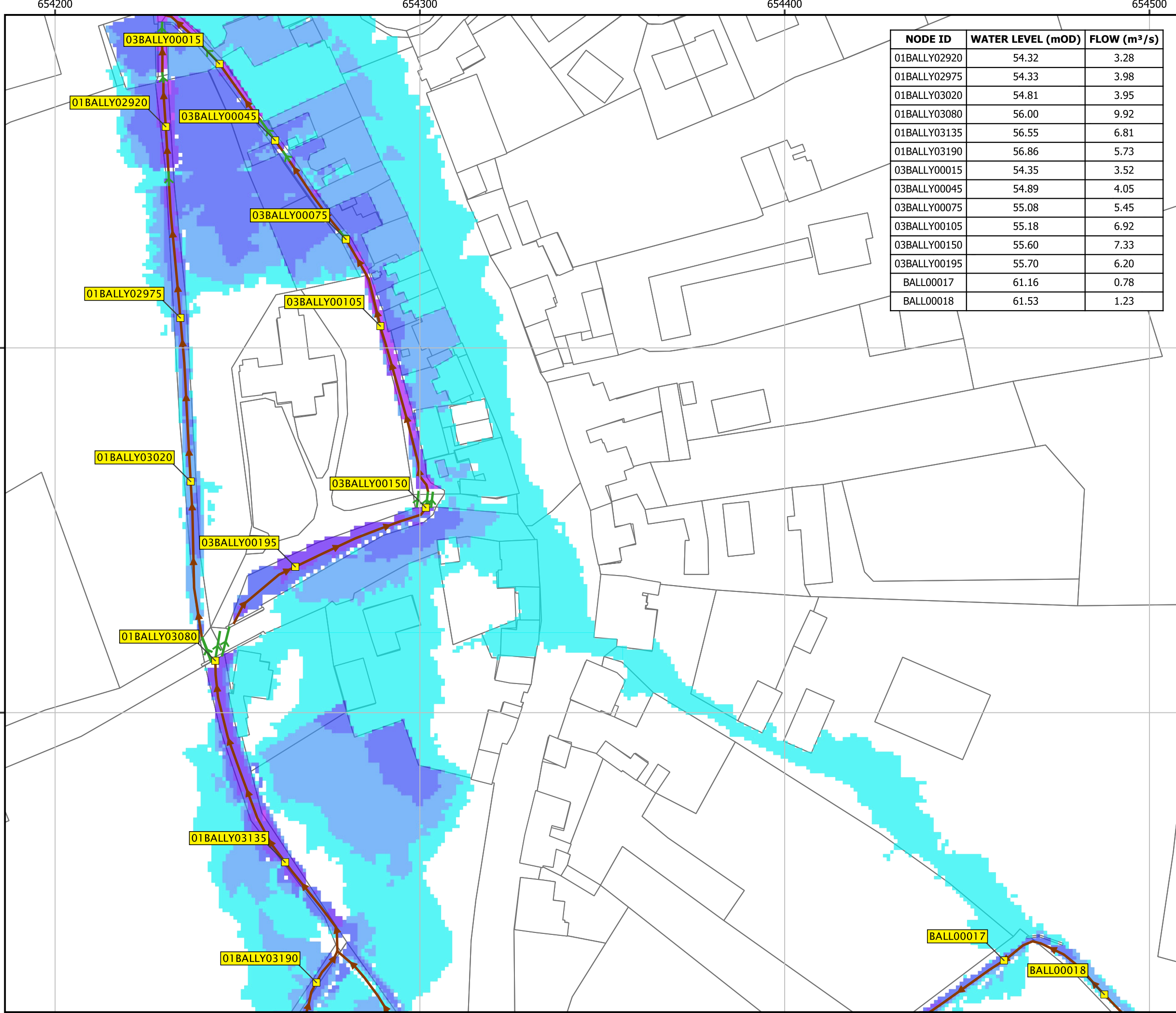


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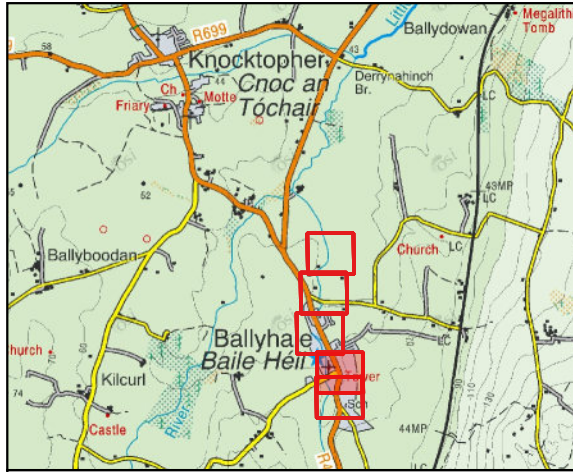
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MAP: BALLYHAILE, CO. KILKENNY	
FLOOD PROBABILITY:	0.1% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	MRFS
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFM_01_01	
MAP SERIES:	PAGE 1 OF 5
DRAWING SCALE:	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02920	54.32	3.28
01BALLY02975	54.33	3.98
01BALLY03020	54.81	3.95
01BALLY03080	56.00	9.92
01BALLY03135	56.55	6.81
01BALLY03190	56.86	5.73
03BALLY00015	54.35	3.52
03BALLY00045	54.89	4.05
03BALLY00075	55.08	5.45
03BALLY00105	55.18	6.92
03BALLY00150	55.60	7.33
03BALLY00195	55.70	6.20
BALL00017	61.16	0.78
BALL00018	61.53	1.23



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

—> MODELLER RIVER CENTRELINE

—> CULVERTED WATERCOURSE

■ NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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MAP: BALLYHALE, CO. KILKENNY	
FLOOD PROBABILITY:	0.1% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	MRFS
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFM_01_02	
MAP SERIES:	PAGE 2 OF 5
DRAWING SCALE:	1:1000 @ A3



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654200

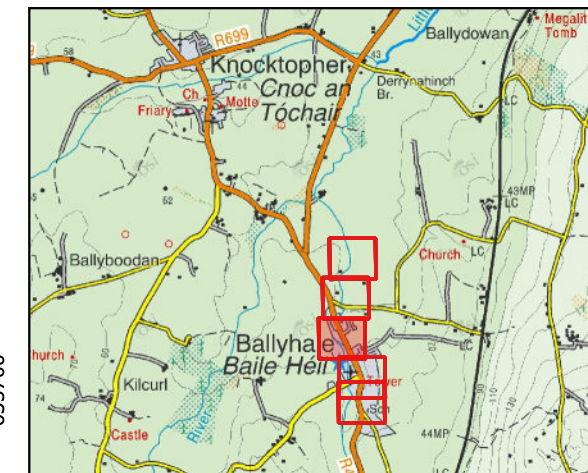
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0 100 METRES



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NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02670	51.76	7.82
01BALLY02730	52.07	8.05
01BALLY02775	52.45	7.35
01BALLY02805	53.08	8.19
01BALLY02870	53.98	9.59
03BALLY00015	54.35	3.52



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLED RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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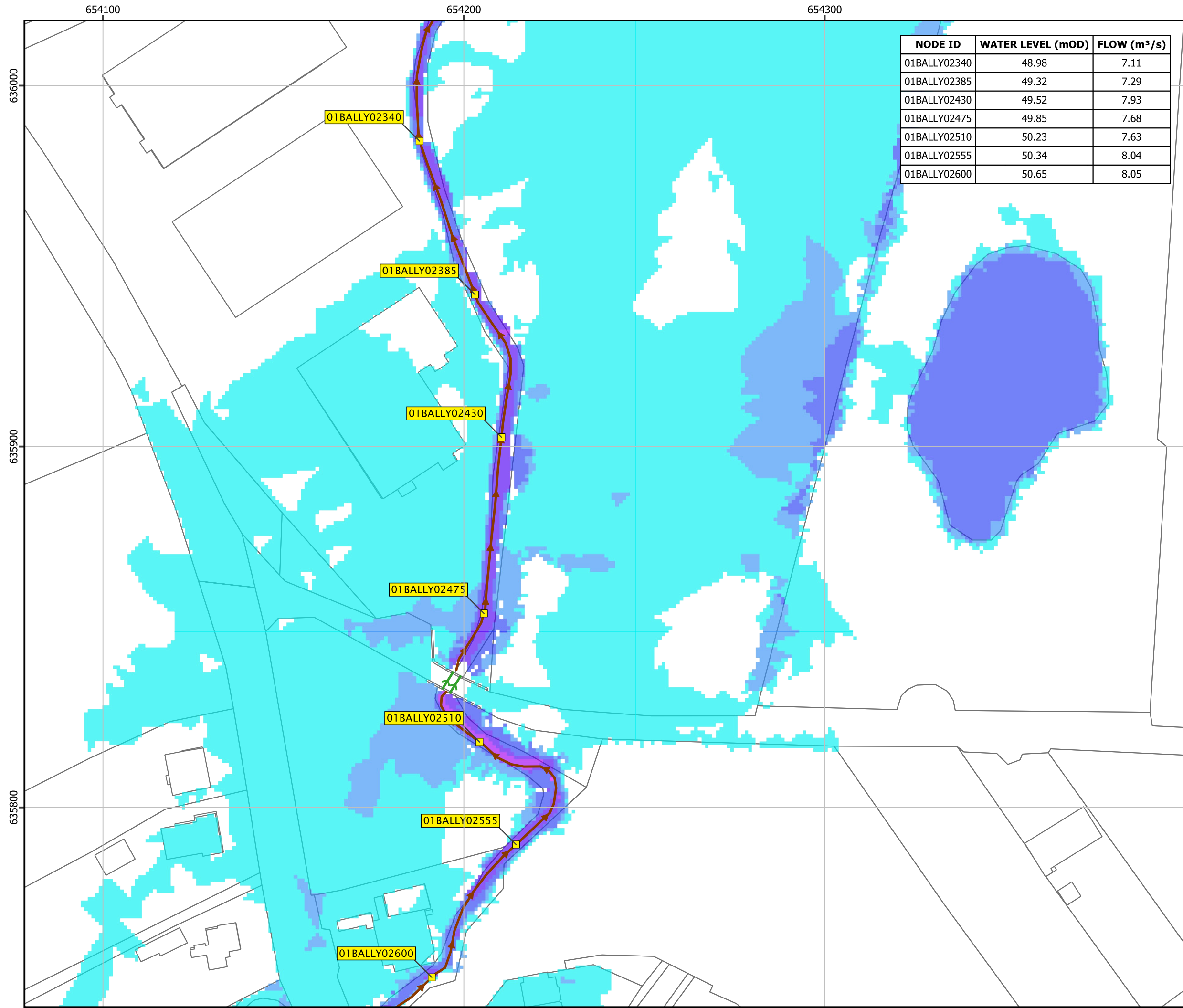


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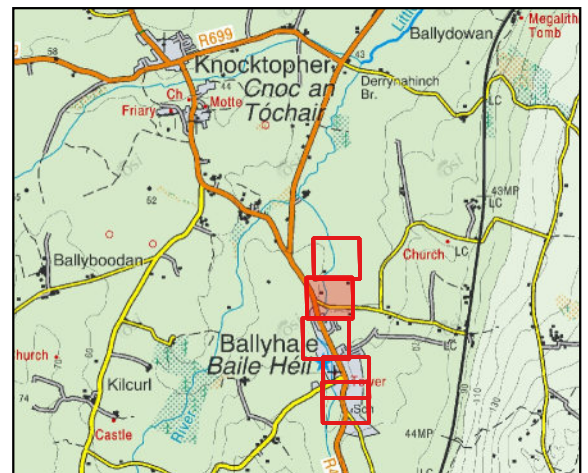
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W: www.mcclloyconsulting.ie

<b>MAP:</b> BALLYHALE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	0.1% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	MRFS
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b> DL	<b>DATE:</b> 24/03/2021
<b>CHECKED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>APPROVED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>DRAWING NUMBER:</b> 514_DPFM_01_03	
<b>MAP SERIES:</b>	PAGE 3 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02340	48.98	7.11
01BALLY02385	49.32	7.29
01BALLY02430	49.52	7.93
01BALLY02475	49.85	7.68
01BALLY02510	50.23	7.63
01BALLY02555	50.34	8.04
01BALLY02600	50.65	8.05



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLED RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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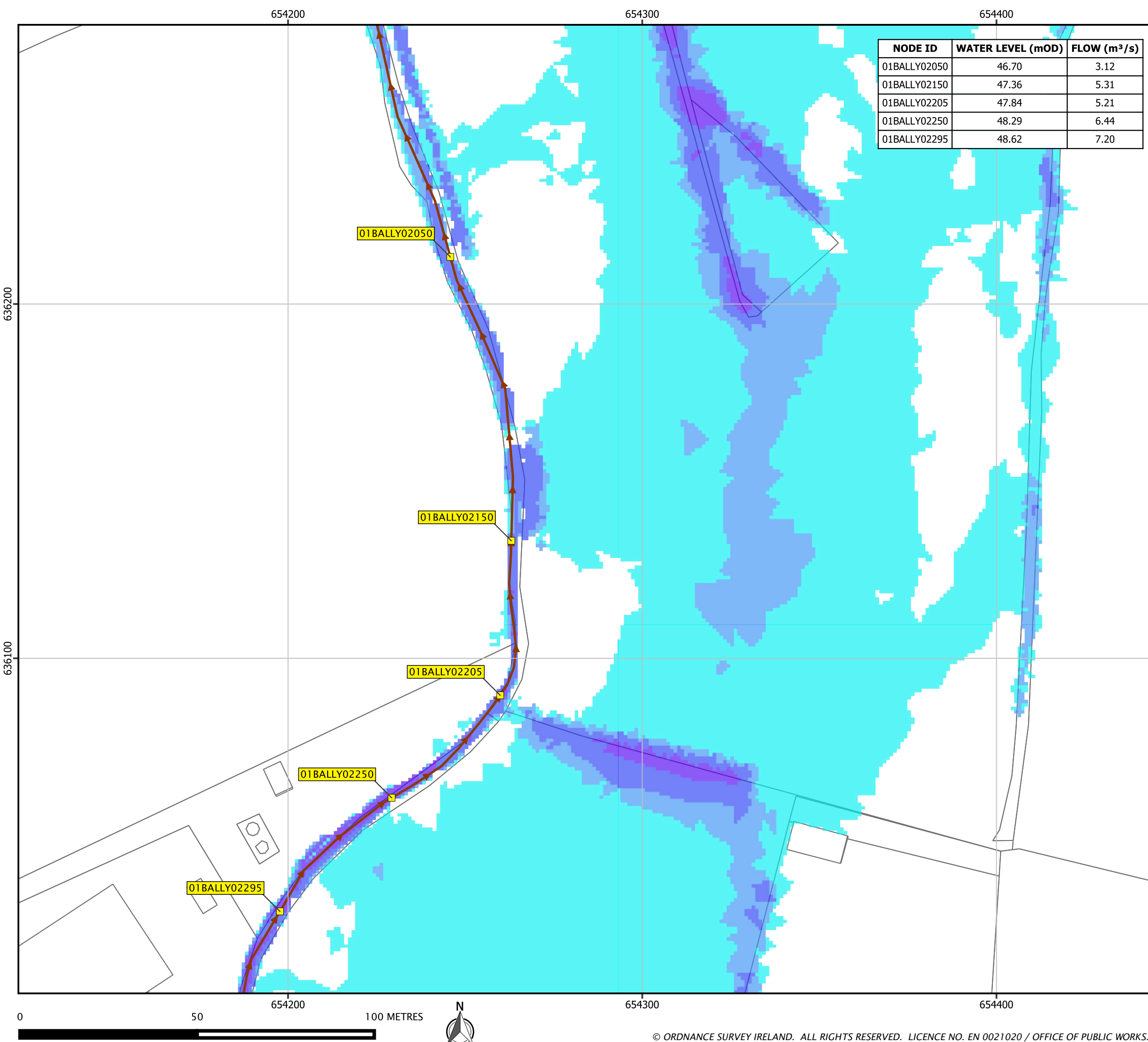
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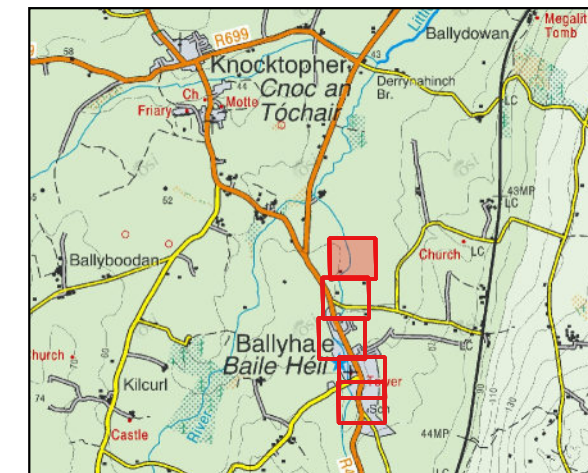
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MAP: BALLYHAILE, CO. KILKENNY		
FLOOD PROBABILITY:	0.1% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	MRFS	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514_DPFM_01_04		
MAP SERIES:	PAGE 4 OF 5	
DRAWING SCALE:	1:1000 @ A3	





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02050	46.70	3.12
01BALLY02150	47.36	5.31
01BALLY02205	47.84	5.21
01BALLY02250	48.29	6.44
01BALLY02295	48.62	7.20



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLED RIVER CENTRELINE

CULVERTED WATERCOURSE

NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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**DBFL** **M'Cloy Consulting**

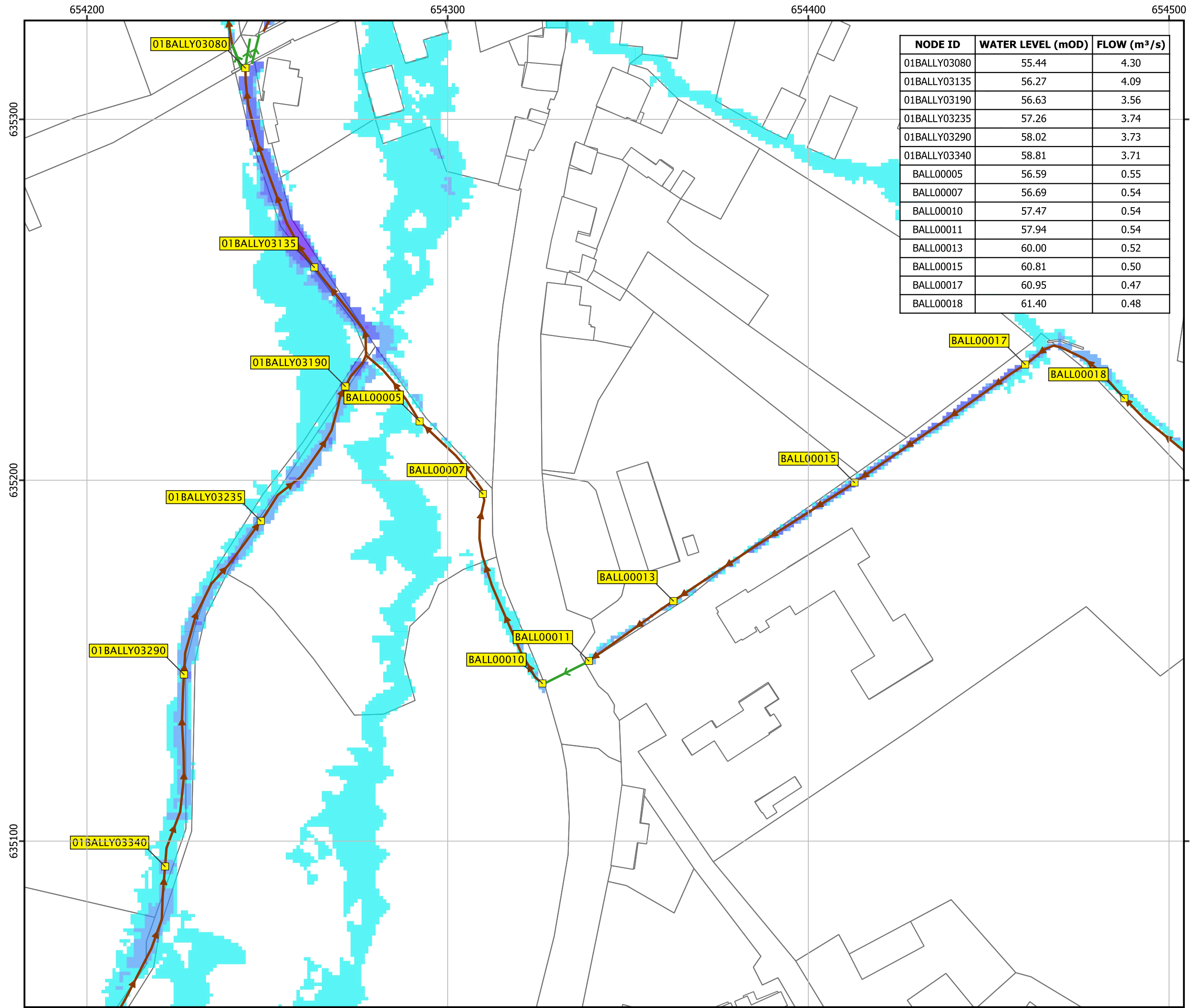
Ormonde House, Upper Ormonde Quay, Dublin 7  
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 E: info@dbfl.ie  
 W: www.dbfl.ie

Unit 12, The Beat Centre, Stephenstown Industrial Estate, Balbriggan, Co. Dublin  
 T: +353 (0)1 5138963  
 E: info@mcclloyconsulting.ie  
 W: www.mcclloyconsulting.ie

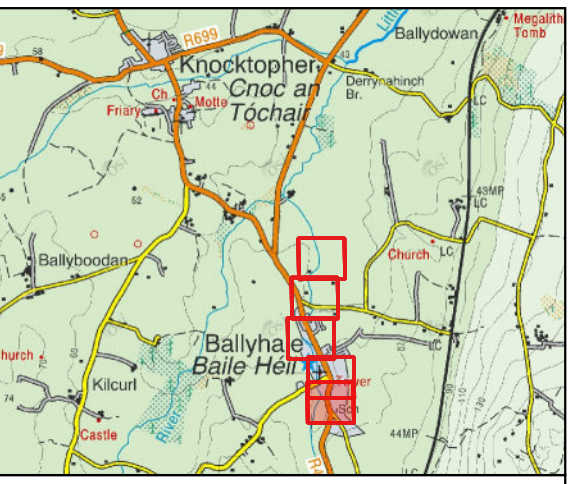
MAP: BALLYHALE, CO. KILKENNY	
FLOOD PROBABILITY:	0.1% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	MRFS
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFM_01_05	
MAP SERIES:	PAGE 5 OF 5
DRAWING SCALE:	1:1000 @ A3







NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY03080	55.44	4.30
01BALLY03135	56.27	4.09
01BALLY03190	56.63	3.56
01BALLY03235	57.26	3.74
01BALLY03290	58.02	3.73
01BALLY03340	58.81	3.71
BALL00005	56.59	0.55
BALL00007	56.69	0.54
BALL00010	57.47	0.54
BALL00011	57.94	0.54
BALL00013	60.00	0.52
BALL00015	60.81	0.50
BALL00017	60.95	0.47
BALL00018	61.40	0.48



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLED RIVER CENTRELINE

CULVERTED WATERCOURSE

NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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W: www.mcclloyconsulting.ie

MAP: BALLYHAILE, CO. KILKENNY

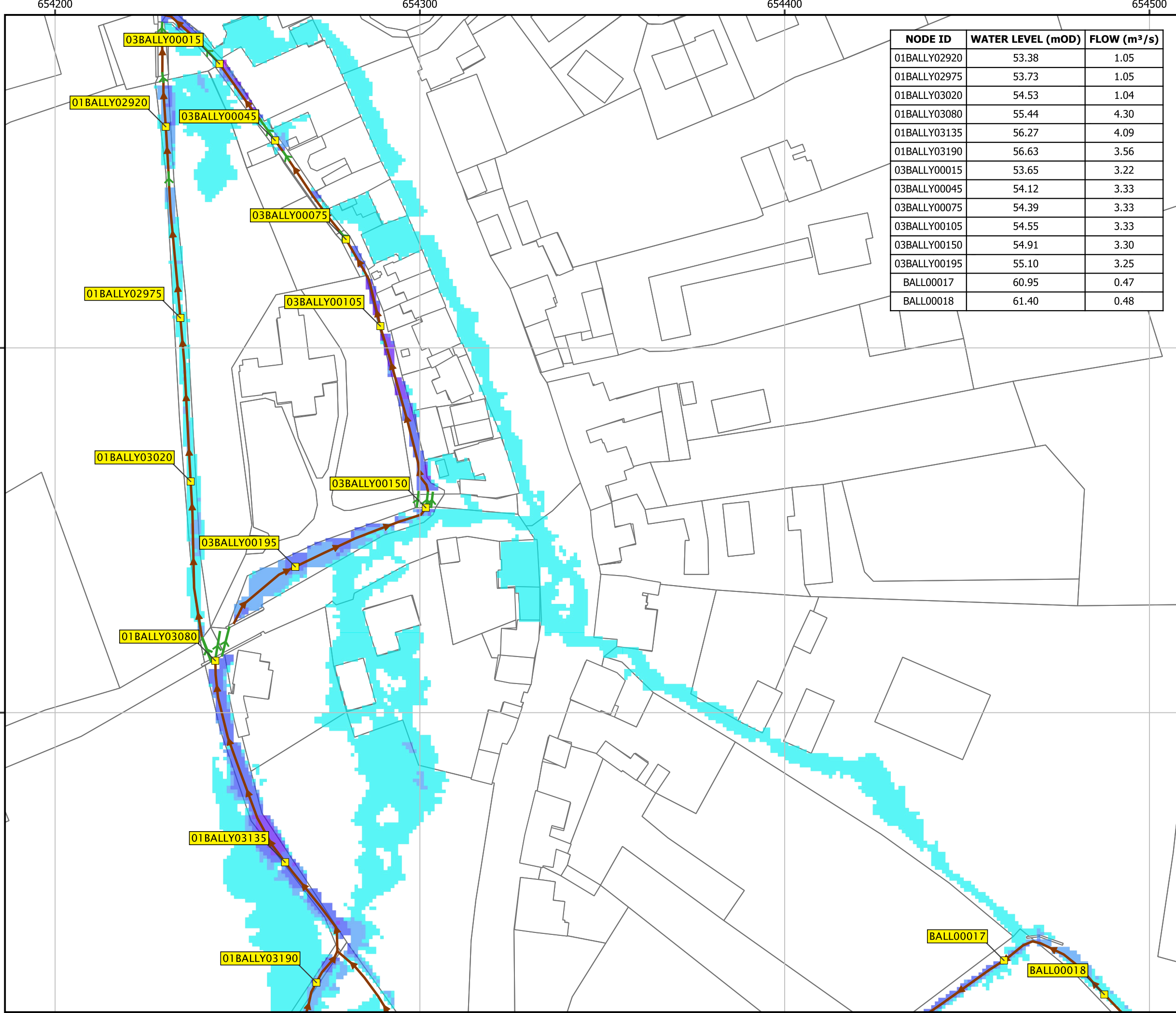
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<b>MAP TYPE:</b>	DEPTH	
<b>SOURCE:</b>	FLUVIAL	
<b>HYDROLOGY SCENARIO:</b>	HEFS	
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY	
<b>DRAWN BY:</b>	DL	<b>DATE:</b> 24/03/2021
<b>CHECKED BY:</b>	DKS	<b>DATE:</b> 24/03/2021
<b>APPROVED BY:</b>	DKS	<b>DATE:</b> 24/03/2021

**DRAWING NUMBER:** 514\_DPFH\_10\_01

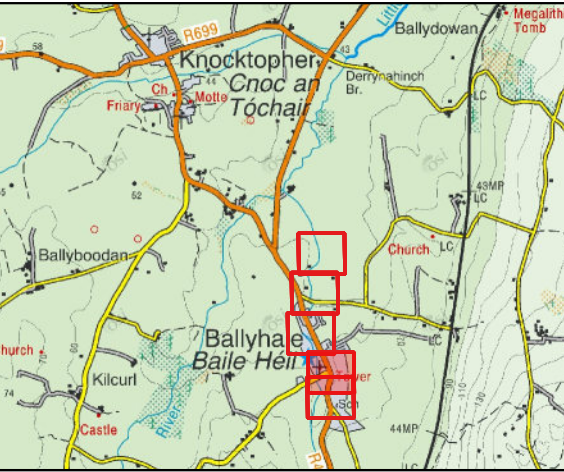
**MAP SERIES:** PAGE 1 OF 5

**DRAWING SCALE:** 1:1000 @ A3





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02920	53.38	1.05
01BALLY02975	53.73	1.05
01BALLY03020	54.53	1.04
01BALLY03080	55.44	4.30
01BALLY03135	56.27	4.09
01BALLY03190	56.63	3.56
03BALLY00015	53.65	3.22
03BALLY00045	54.12	3.33
03BALLY00075	54.39	3.33
03BALLY00105	54.55	3.33
03BALLY00150	54.91	3.30
03BALLY00195	55.10	3.25
BALL00017	60.95	0.47
BALL00018	61.40	0.48



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLED RIVER CENTRELINE  
 CULVERTED WATERCOURSE  
 NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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MAP: BALLYHAILE, CO. KILKENNY		
FLOOD PROBABILITY:	10% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	HEFS	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514_DPFH_10_02		
MAP SERIES:	PAGE 2 OF 5	
DRAWING SCALE:	1:1000 @ A3	



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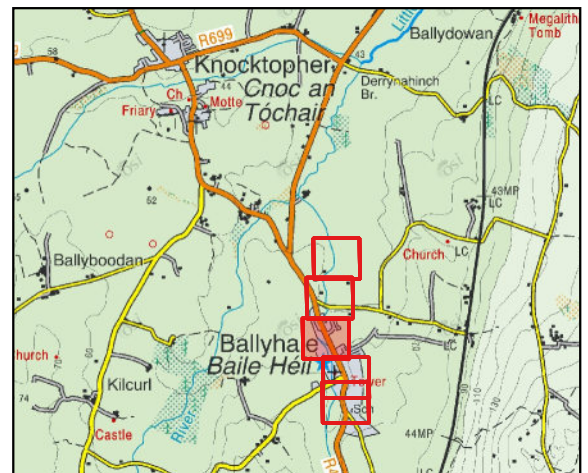
654100  
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654200

654300



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02670	51.02	4.42
01BALLY02730	51.45	4.41
01BALLY02775	51.95	4.41
01BALLY02805	52.58	4.35
01BALLY02870	53.18	4.38
03BALLY00015	53.65	3.22



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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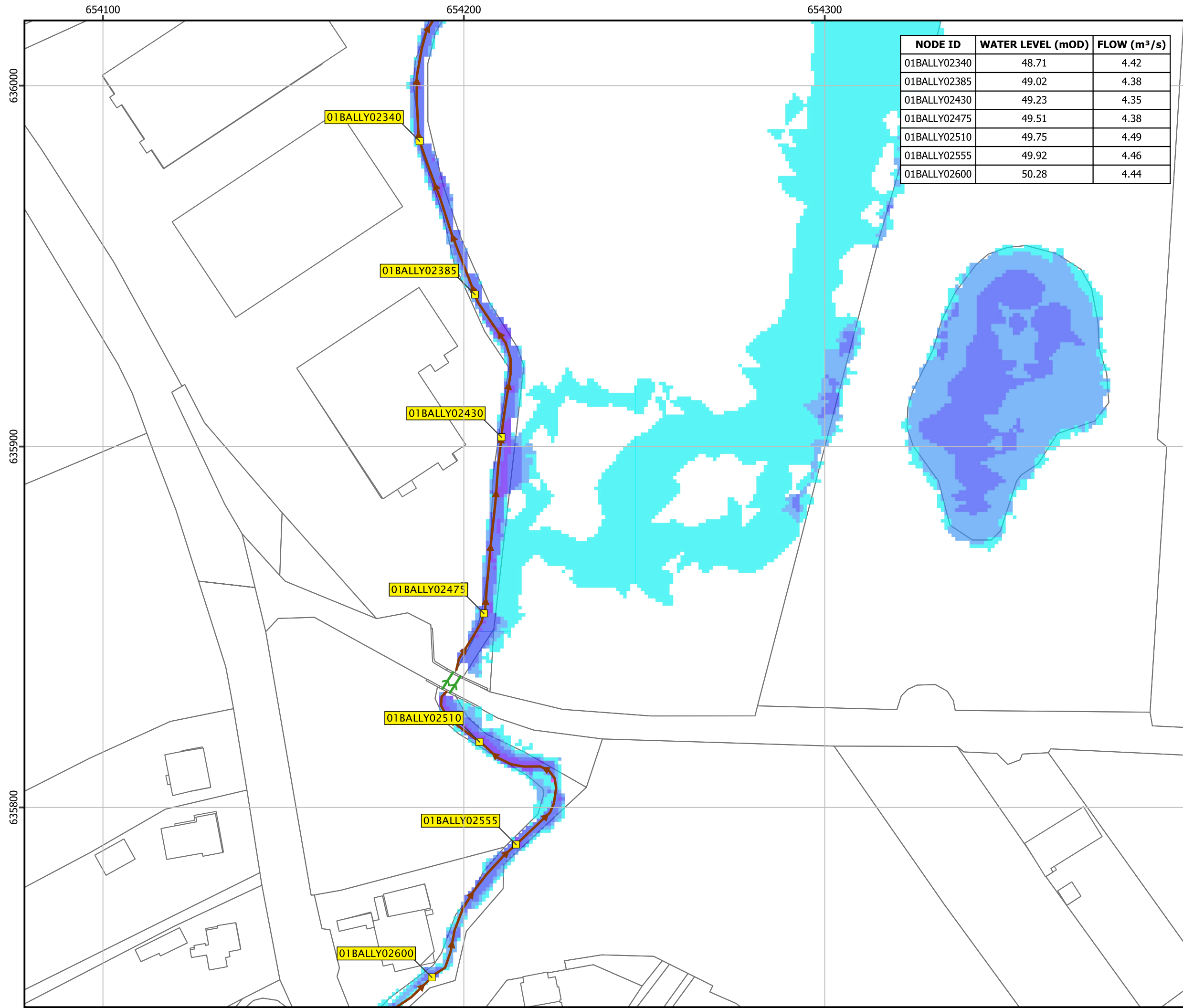


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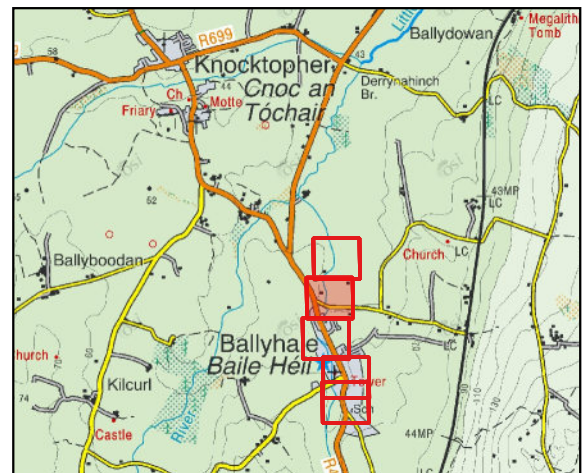
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W: www.mccloyconsulting.ie

<b>MAP:</b> BALLYHALE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	10% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	HEFS
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b> DL	<b>DATE:</b> 24/03/2021
<b>CHECKED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>APPROVED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>DRAWING NUMBER:</b> 514_DPFH_10_03	
<b>MAP SERIES:</b>	PAGE 3 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02340	48.71	4.42
01BALLY02385	49.02	4.38
01BALLY02430	49.23	4.35
01BALLY02475	49.51	4.38
01BALLY02510	49.75	4.49
01BALLY02555	49.92	4.46
01BALLY02600	50.28	4.44



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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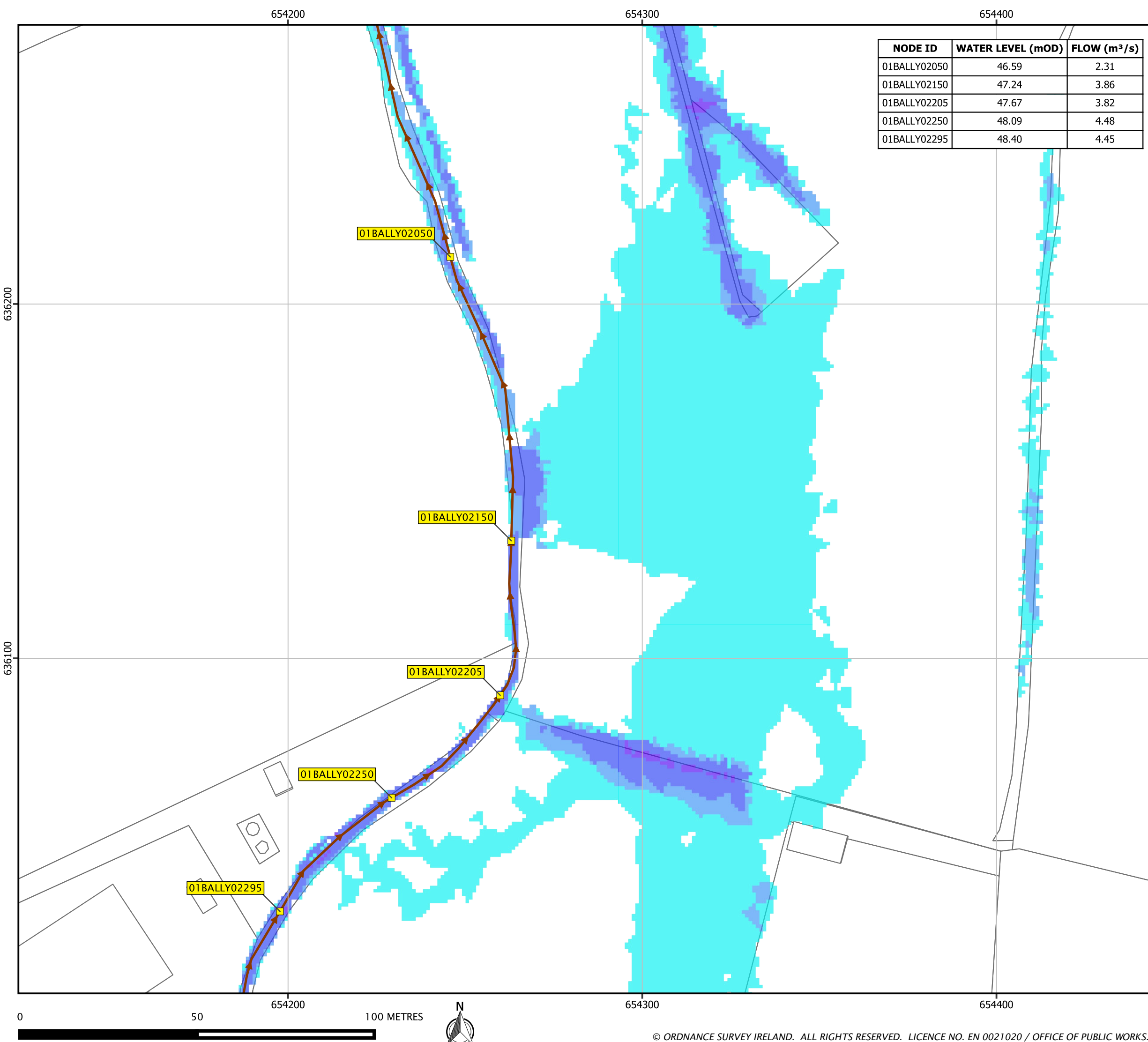
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W: www.dbfl.ie

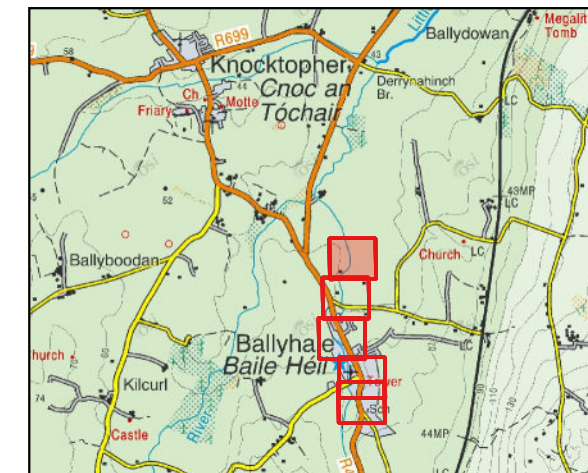
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MAP: BALLYHALE, CO. KILKENNY		
FLOOD PROBABILITY:	10% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	HEFS	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514_DPFH_10_04		
MAP SERIES:	PAGE 4 OF 5	
DRAWING SCALE:	1:1000 @ A3	





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02050	46.59	2.31
01BALLY02150	47.24	3.86
01BALLY02205	47.67	3.82
01BALLY02250	48.09	4.48
01BALLY02295	48.40	4.45



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

**MODELLED RIVER CENTRELINE**

**CULVERTED WATERCOURSE**

**NODE POINT**

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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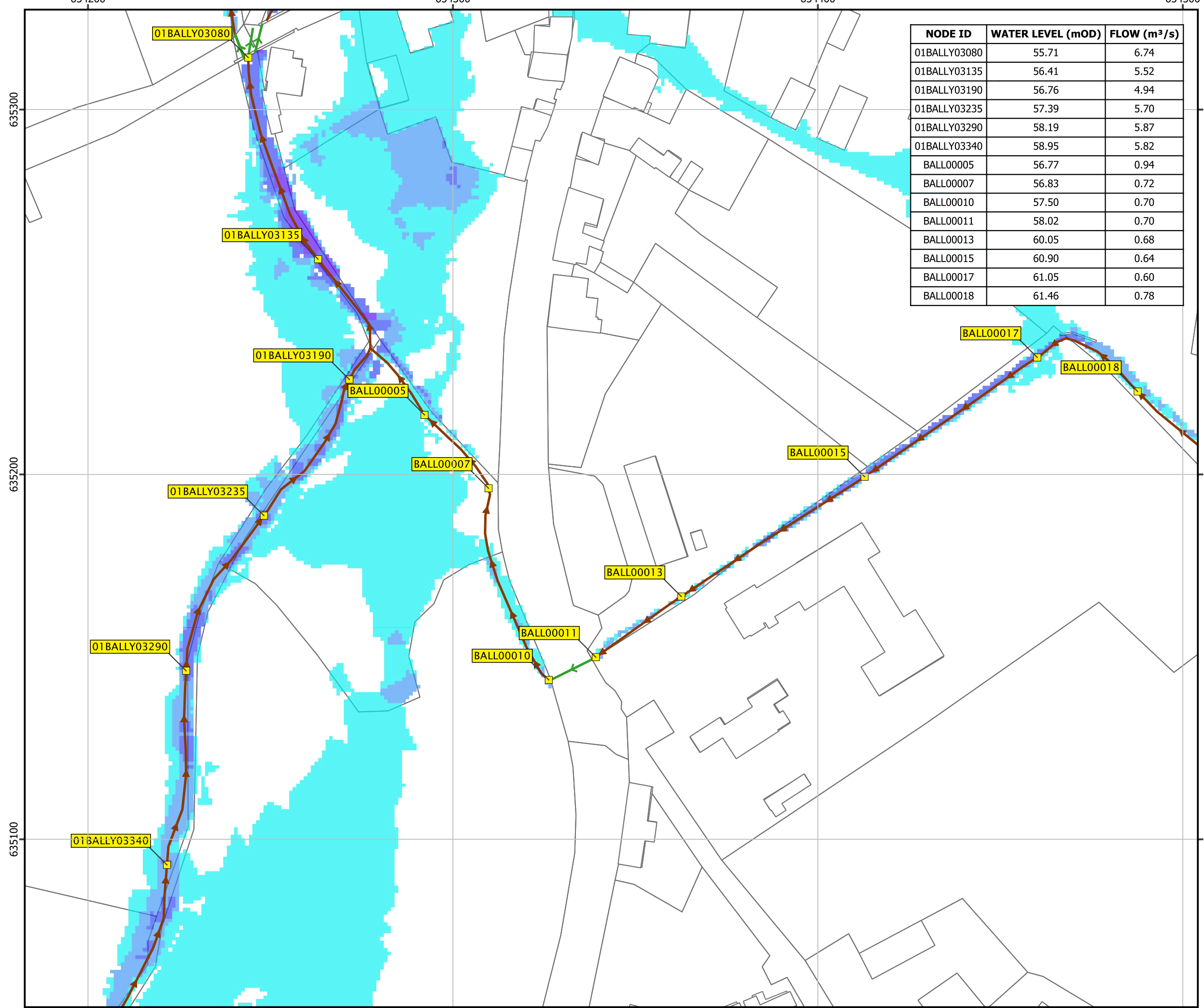


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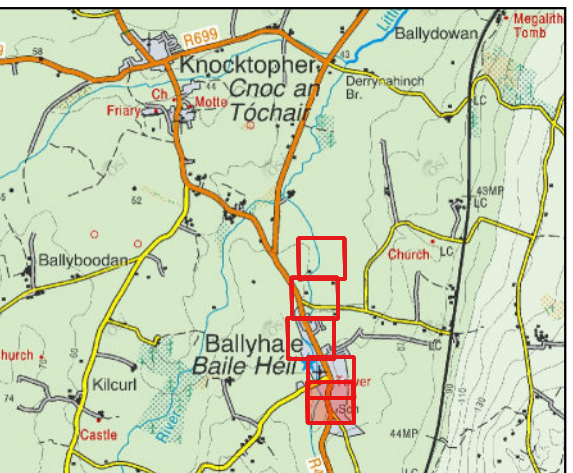
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 W: www.mcclloyconsulting.ie

<b>MAP:</b> BALLYHALE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	10% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	HEFS
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b> DL	<b>DATE:</b> 24/03/2021
<b>CHECKED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>APPROVED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>DRAWING NUMBER:</b> 514_DPFH_10_05	
<b>MAP SERIES:</b>	PAGE 5 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY03080	55.71	6.74
01BALLY03135	56.41	5.52
01BALLY03190	56.76	4.94
01BALLY03235	57.39	5.70
01BALLY03290	58.19	5.87
01BALLY03340	58.95	5.82
BALL00005	56.77	0.94
BALL00007	56.83	0.72
BALL00010	57.50	0.70
BALL00011	58.02	0.70
BALL00013	60.05	0.68
BALL00015	60.90	0.64
BALL00017	61.05	0.60
BALL00018	61.46	0.78



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLER RIVER CENTRELINE

CULVERTED WATERCOURSE

NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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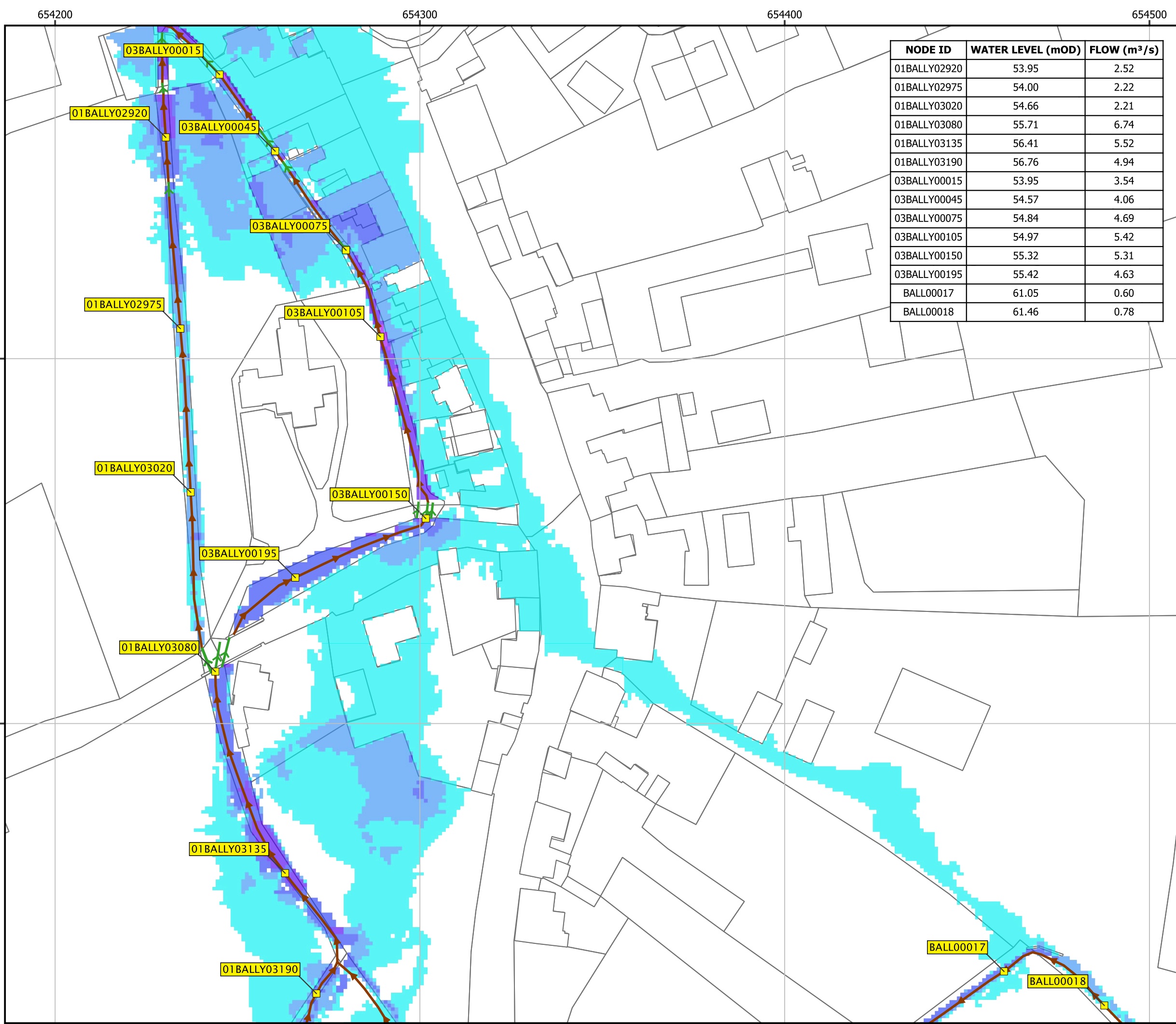


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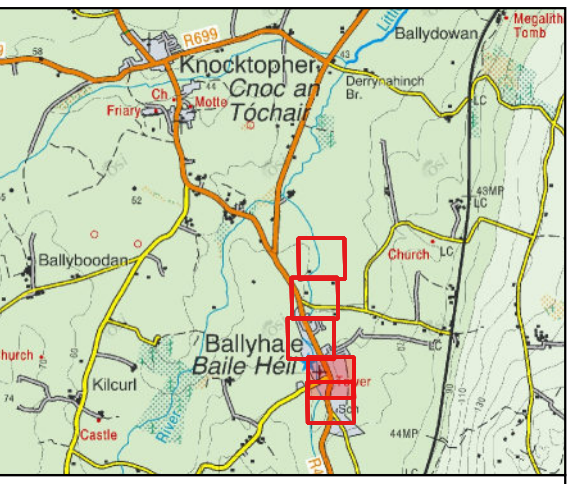
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W: www.mcclloyconsulting.ie

MAP: BALLYHAILE, CO. KILKENNY	
FLOOD PROBABILITY:	1% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	HEFS
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFH_1_01	
MAP SERIES:	PAGE 1 OF 5
DRAWING SCALE:	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02920	53.95	2.52
01BALLY02975	54.00	2.22
01BALLY03020	54.66	2.21
01BALLY03080	55.71	6.74
01BALLY03135	56.41	5.52
01BALLY03190	56.76	4.94
03BALLY00015	53.95	3.54
03BALLY00045	54.57	4.06
03BALLY00075	54.84	4.69
03BALLY00105	54.97	5.42
03BALLY00150	55.32	5.31
03BALLY00195	55.42	4.63
BALL00017	61.05	0.60
BALL00018	61.46	0.78



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLER RIVER CENTRELINE  
 CULVERTED WATERCOURSE  
 NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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MAP: BALLYHALE, CO. KILKENNY

FLOOD PROBABILITY:	1% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	HEFS	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021

DRAWING NUMBER: 514\_DPFH\_1\_02

MAP SERIES: PAGE 2 OF 5

DRAWING SCALE: 1:1000 @ A3



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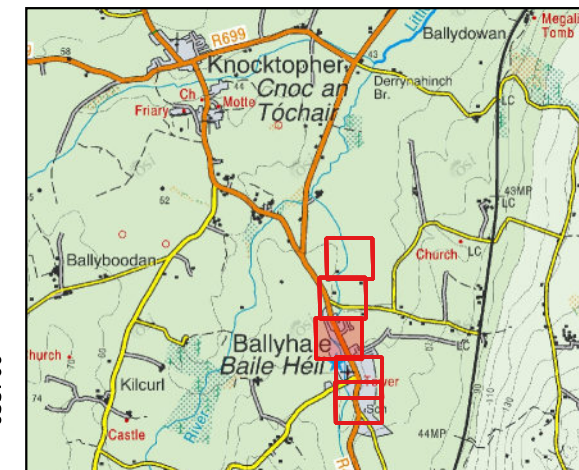
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654300

0 100 METRES



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02670	51.61	6.84
01BALLY02730	51.88	6.84
01BALLY02775	52.27	6.77
01BALLY02805	52.97	6.82
01BALLY02870	53.59	7.48
03BALLY00015	53.95	3.54



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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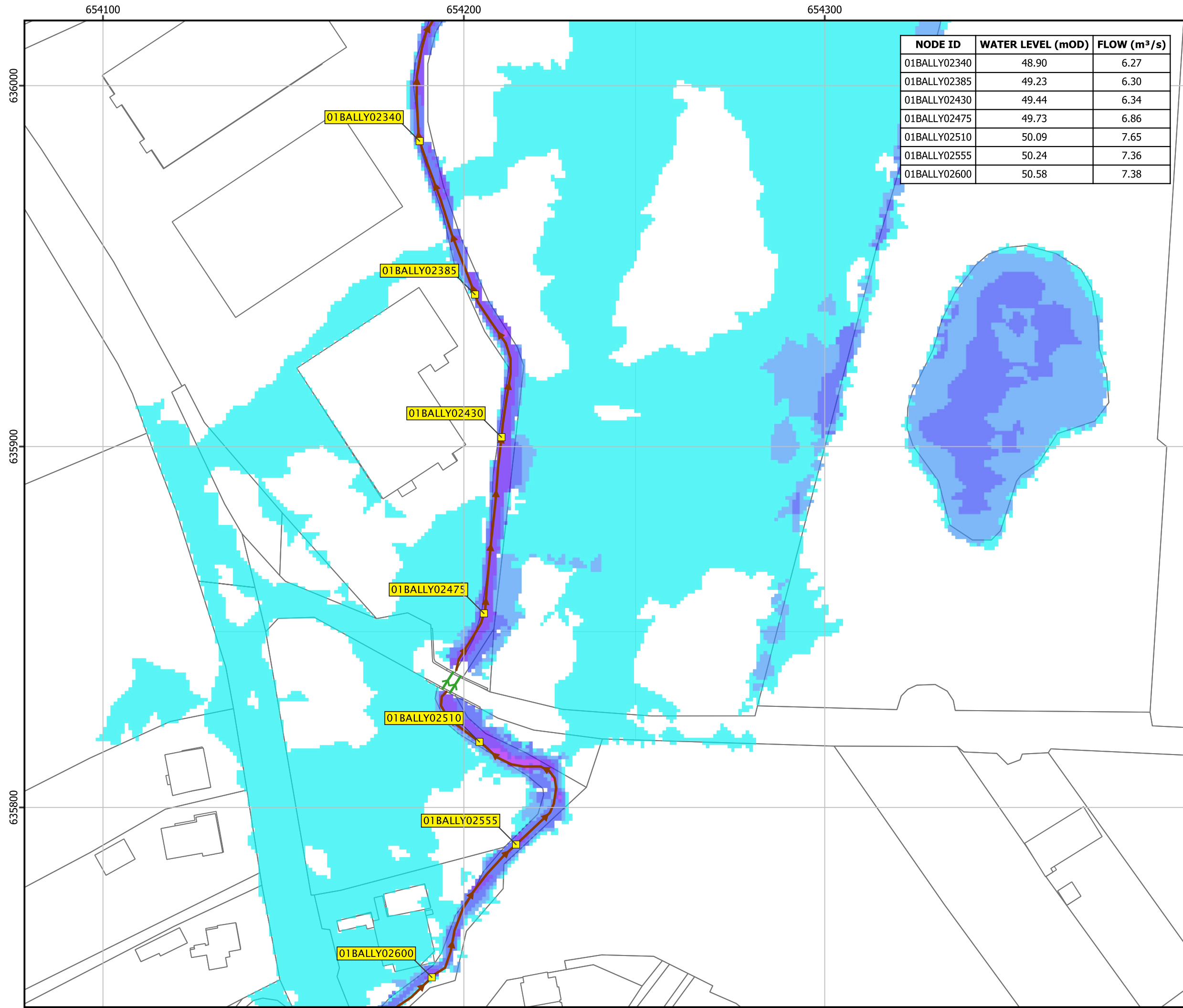


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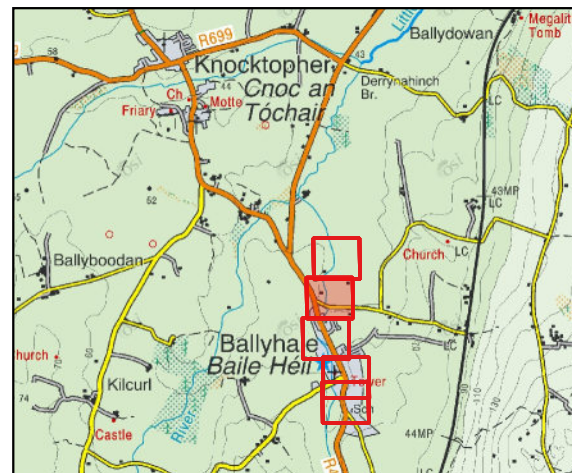
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MAP: BALLYHALE, CO. KILKENNY		
FLOOD PROBABILITY:	1% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	HEFS	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514_DPFH_1_03		
MAP SERIES:	PAGE 3 OF 5	
DRAWING SCALE:	1:1000 @ A3	





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02340	48.90	6.27
01BALLY02385	49.23	6.30
01BALLY02430	49.44	6.34
01BALLY02475	49.73	6.86
01BALLY02510	50.09	7.65
01BALLY02555	50.24	7.36
01BALLY02600	50.58	7.38



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLED RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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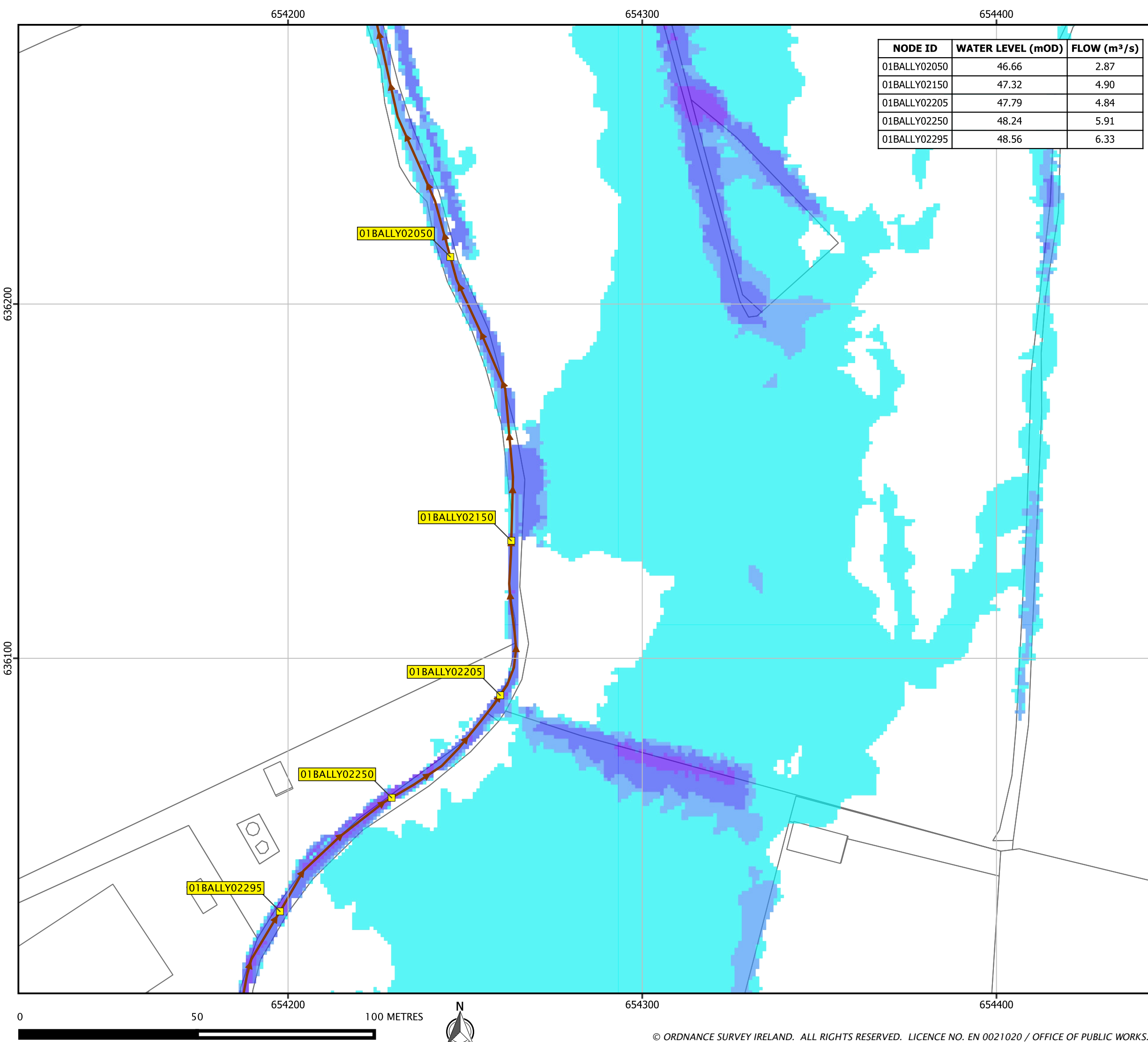
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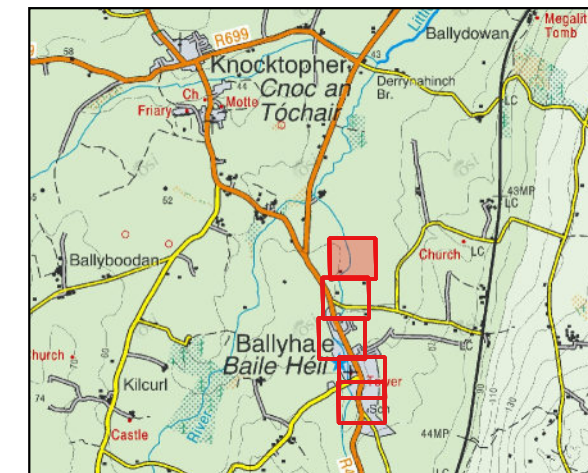
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<b>MAP:</b> BALLYHAILE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	1% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	HEFS
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b> DL	<b>DATE:</b> 24/03/2021
<b>CHECKED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>APPROVED BY:</b> DKS	<b>DATE:</b> 24/03/2021
<b>DRAWING NUMBER:</b> 514_DPFH_1_04	
<b>MAP SERIES:</b>	PAGE 4 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02050	46.66	2.87
01BALLY02150	47.32	4.90
01BALLY02205	47.79	4.84
01BALLY02250	48.24	5.91
01BALLY02295	48.56	6.33



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

→ MODELLED RIVER CENTRELINE

→ CULVERTED WATERCOURSE

NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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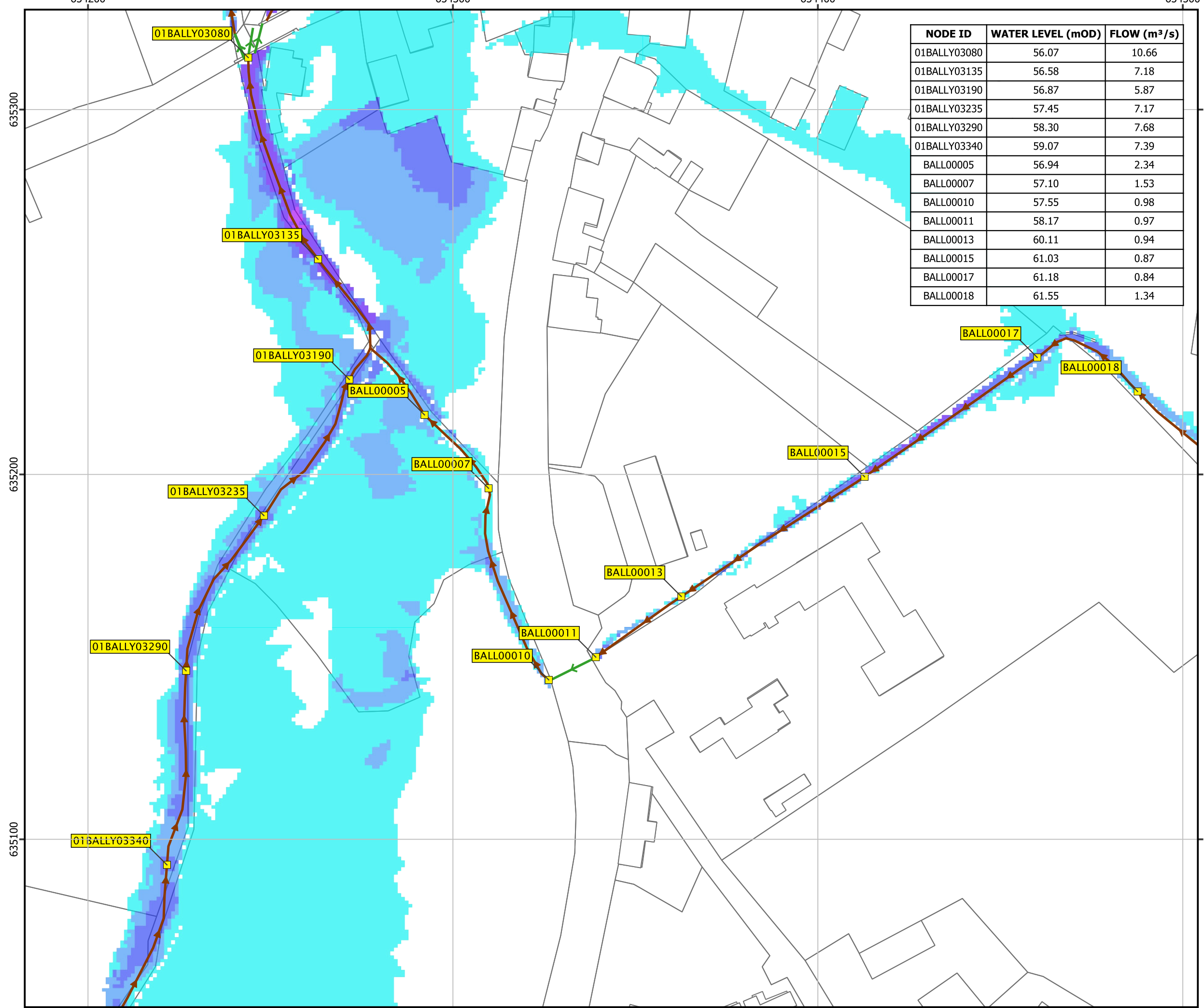
**DBFL** **M'Cloy Consulting**

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 W: www.dbfl.ie

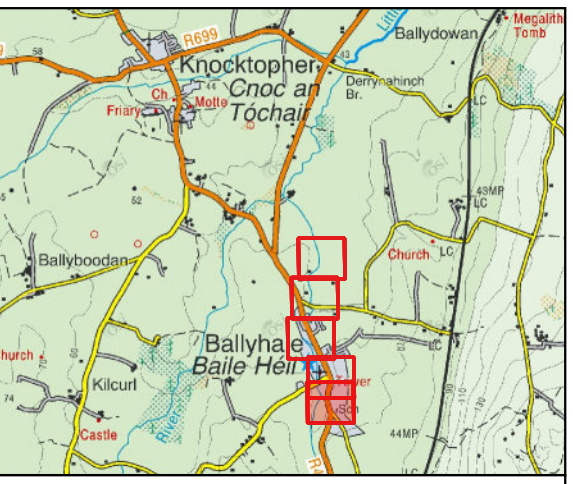
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 T: +353 (0)1 5138963  
 E: info@mcclloyconsulting.ie  
 W: www.mcclloyconsulting.ie

<b>MAP:</b> BALLYHALE, CO. KILKENNY	
<b>FLOOD PROBABILITY:</b>	1% AEP
<b>MAP TYPE:</b>	DEPTH
<b>SOURCE:</b>	FLUVIAL
<b>HYDROLOGY SCENARIO:</b>	HEFS
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY
<b>DRAWN BY:</b> DL	DATE: 24/03/2021
<b>CHECKED BY:</b> DKS	DATE: 24/03/2021
<b>APPROVED BY:</b> DKS	DATE: 24/03/2021
<b>DRAWING NUMBER:</b> 514_DPFH_1_05	
<b>MAP SERIES:</b>	PAGE 5 OF 5
<b>DRAWING SCALE:</b>	1:1000 @ A3





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY03080	56.07	10.66
01BALLY03135	56.58	7.18
01BALLY03190	56.87	5.87
01BALLY03235	57.45	7.17
01BALLY03290	58.30	7.68
01BALLY03340	59.07	7.39
BALL00005	56.94	2.34
BALL00007	57.10	1.53
BALL00010	57.55	0.98
BALL00011	58.17	0.97
BALL00013	60.11	0.94
BALL00015	61.03	0.87
BALL00017	61.18	0.84
BALL00018	61.55	1.34



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLER RIVER CENTRELINE

CULVERTED WATERCOURSE

NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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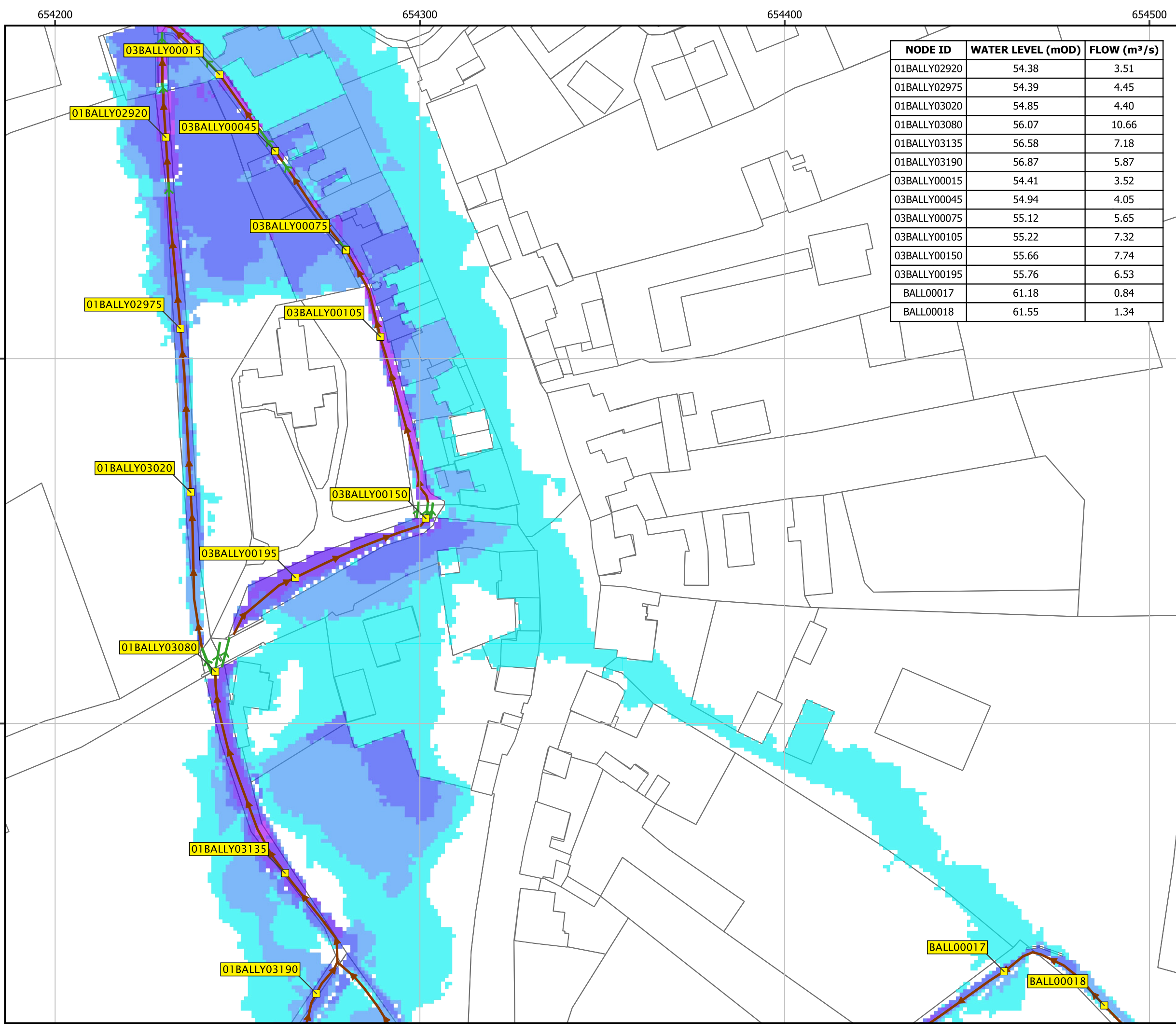


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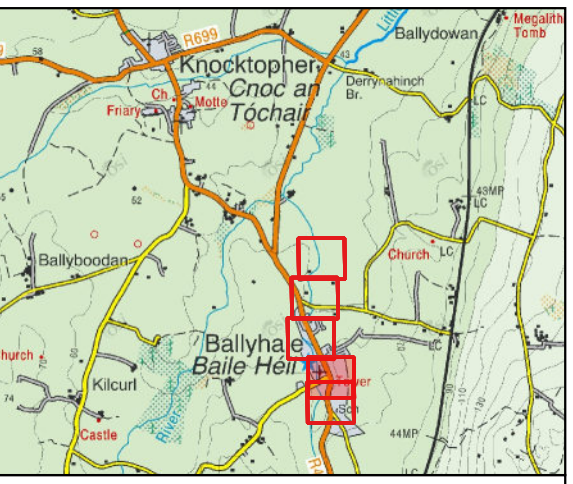
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W: www.dbfl.ie

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W: www.mcclloyconsulting.ie

MAP: BALLYHALE, CO. KILKENNY	
FLOOD PROBABILITY:	0.1% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	HEFS
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFH_01_01	
MAP SERIES:	PAGE 1 OF 5
DRAWING SCALE:	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02920	54.38	3.51
01BALLY02975	54.39	4.45
01BALLY03020	54.85	4.40
01BALLY03080	56.07	10.66
01BALLY03135	56.58	7.18
01BALLY03190	56.87	5.87
03BALLY00015	54.41	3.52
03BALLY00045	54.94	4.05
03BALLY00075	55.12	5.65
03BALLY00105	55.22	7.32
03BALLY00150	55.66	7.74
03BALLY00195	55.76	6.53
BALL00017	61.18	0.84
BALL00018	61.55	1.34



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

MODELLER RIVER CENTRELINE  
 CULVERTED WATERCOURSE  
 NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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W: www.mcclloyconsulting.ie

MAP: BALLYHAILE, CO. KILKENNY		
FLOOD PROBABILITY:	0.1% AEP	
MAP TYPE:	DEPTH	
SOURCE:	FLUVIAL	
HYDROLOGY SCENARIO:	HEFS	
GEOMETRY SCENARIO:	PRESENT DAY	
DRAWN BY:	DL	DATE: 24/03/2021
CHECKED BY:	DKS	DATE: 24/03/2021
APPROVED BY:	DKS	DATE: 24/03/2021
DRAWING NUMBER: 514_DPFH_01_02		
MAP SERIES:	PAGE 2 OF 5	
DRAWING SCALE:	1:1000 @ A3	



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654200

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635700

635700

635600

635600

635500

635500

654100  
50

654200

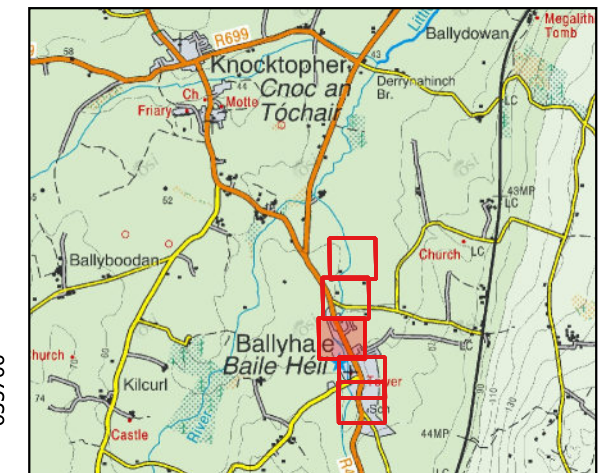
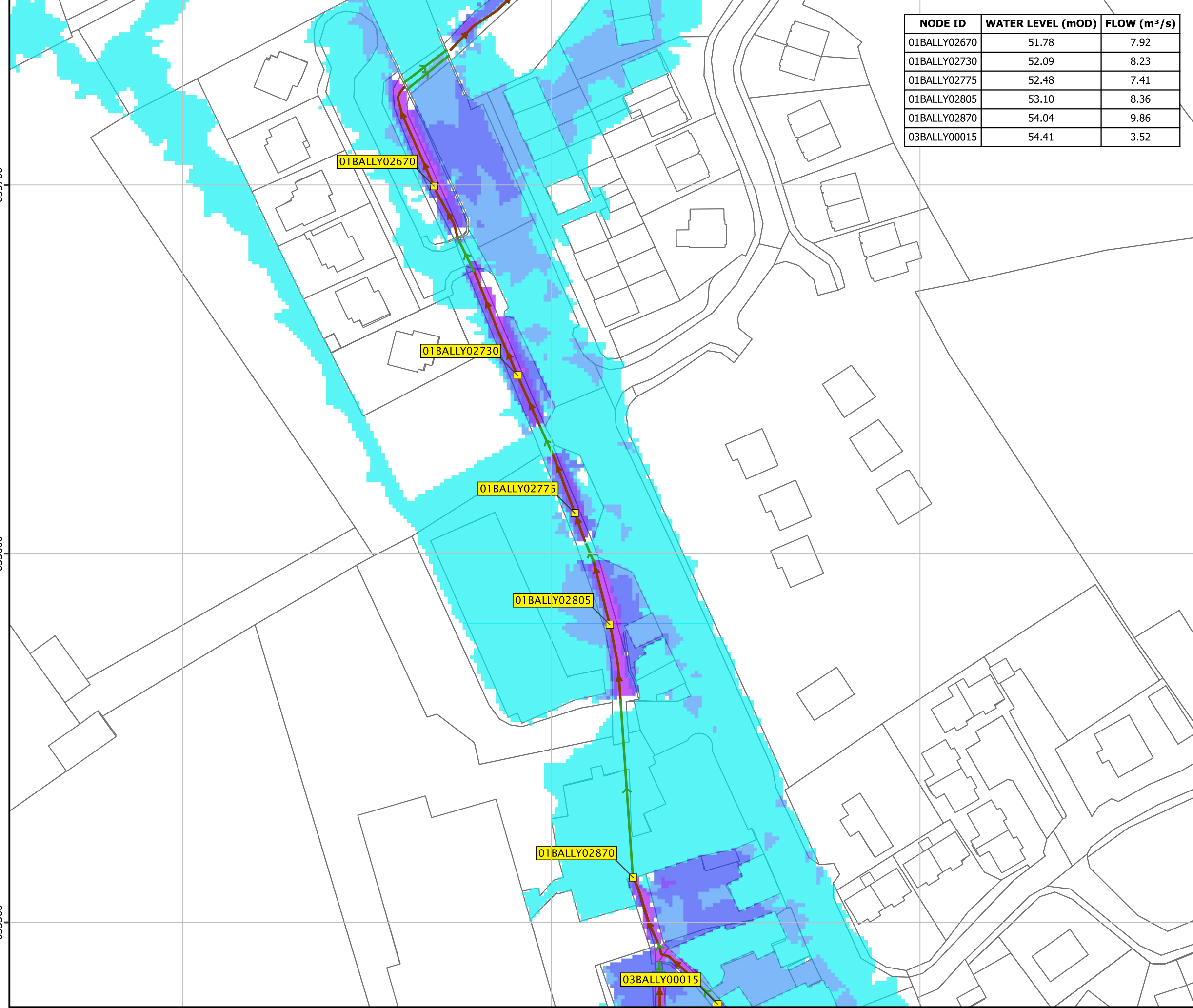
654300

0 100 METRES



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NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02670	51.78	7.92
01BALLY02730	52.09	8.23
01BALLY02775	52.48	7.41
01BALLY02805	53.10	8.36
01BALLY02870	54.04	9.86
03BALLY00015	54.41	3.52



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHAILE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLED RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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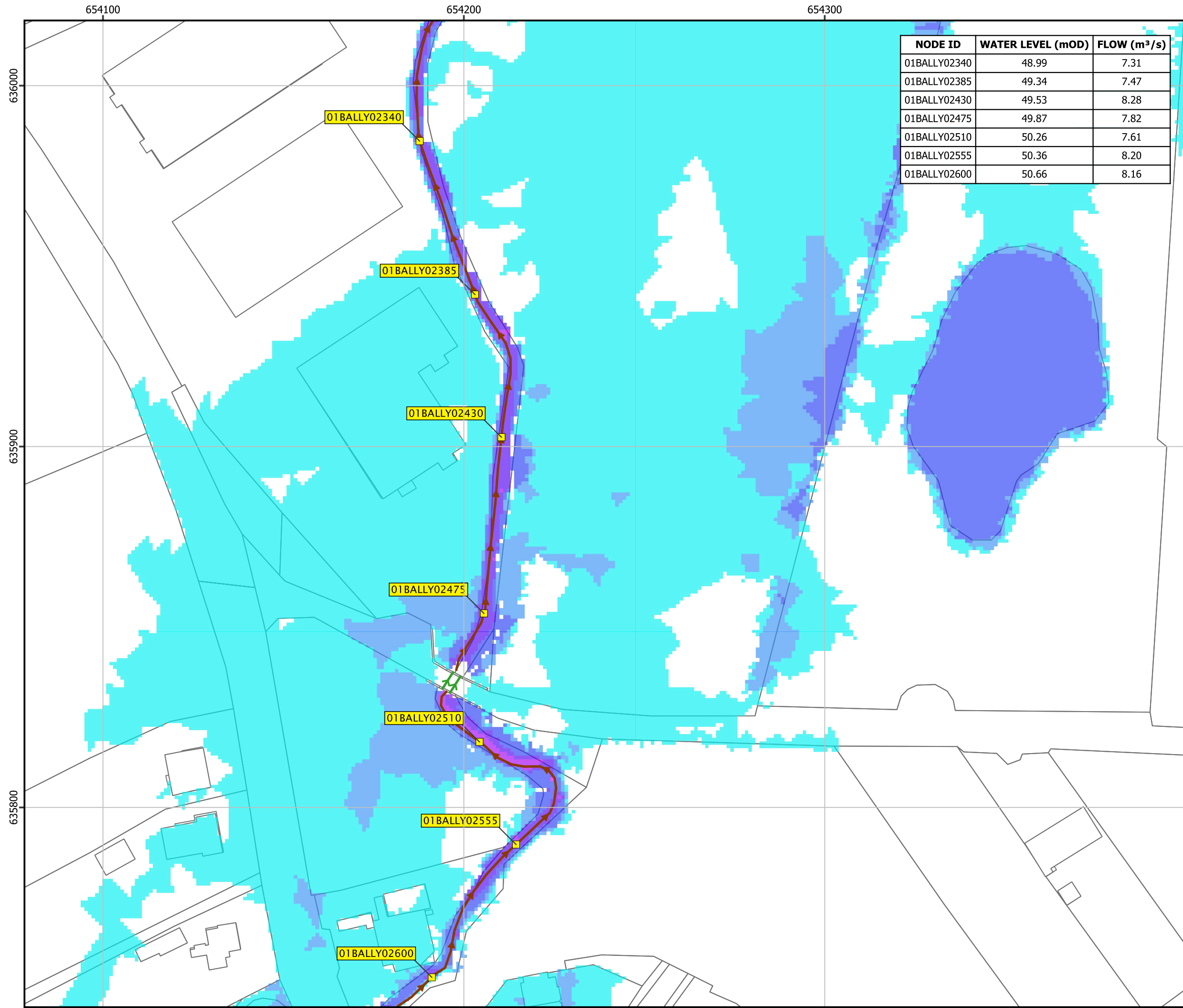


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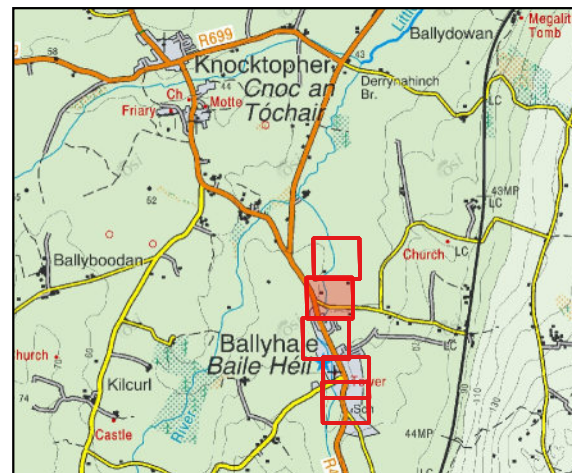
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MAP: BALLYHAILE, CO. KILKENNY	
FLOOD PROBABILITY:	0.1% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	HEFS
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
CHECKED BY:	DKS DATE: 24/03/2021
APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFH_01_03	
MAP SERIES:	PAGE 3 OF 5
DRAWING SCALE:	1:1000 @ A3



NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02340	48.99	7.31
01BALLY02385	49.34	7.47
01BALLY02430	49.53	8.28
01BALLY02475	49.87	7.82
01BALLY02510	50.26	7.61
01BALLY02555	50.36	8.20
01BALLY02600	50.66	8.16



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

FLUVIAL AEP FLOOD DEPTH

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

- MODELLER RIVER CENTRELINE
- CULVERTED WATERCOURSE
- NODE POINT

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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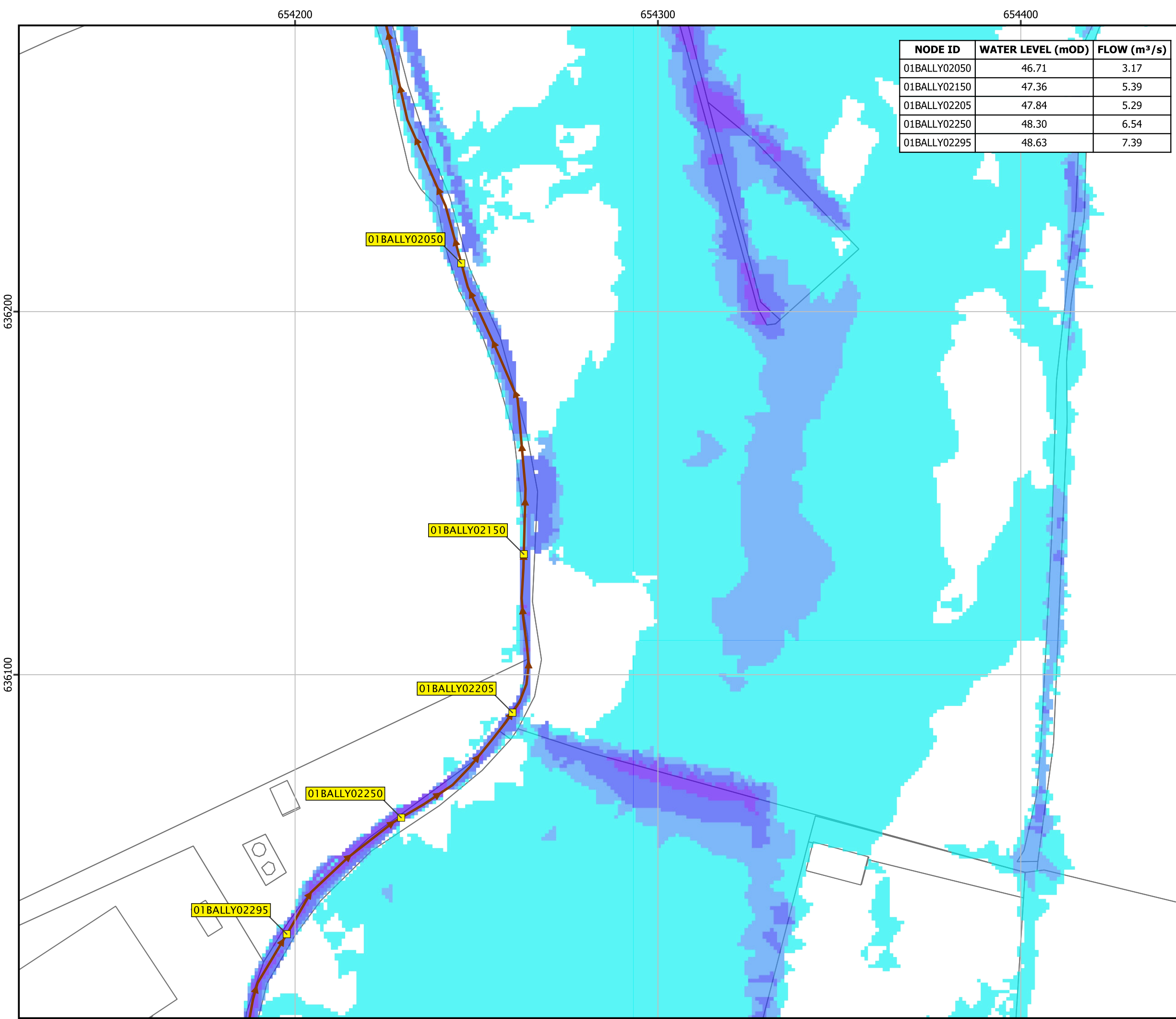
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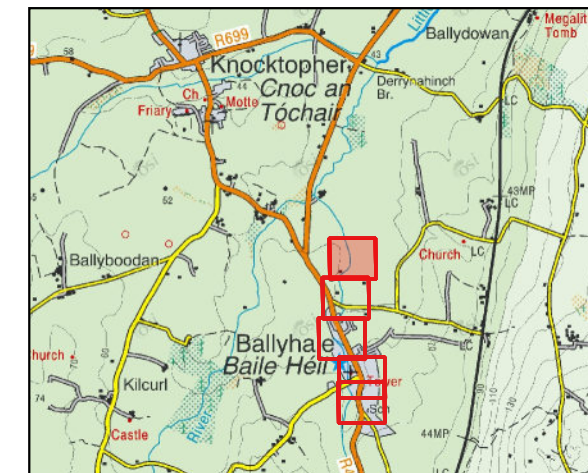
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MAP: BALLYHALE, CO. KILKENNY	
FLOOD PROBABILITY:	0.1% AEP
MAP TYPE:	DEPTH
SOURCE:	FLUVIAL
HYDROLOGY SCENARIO:	HEFS
GEOMETRY SCENARIO:	PRESENT DAY
DRAWN BY:	DL DATE: 24/03/2021
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APPROVED BY:	DKS DATE: 24/03/2021
DRAWING NUMBER: 514_DPFH_01_04	
MAP SERIES:	PAGE 4 OF 5
DRAWING SCALE:	1:1000 @ A3





NODE ID	WATER LEVEL (mOD)	FLOW (m <sup>3</sup> /s)
01BALLY02050	46.71	3.17
01BALLY02150	47.36	5.39
01BALLY02205	47.84	5.29
01BALLY02250	48.30	6.54
01BALLY02295	48.63	7.39



IMPORTANT USER NOTE: MAPS TO BE READ IN CONJUNCTION WITH THE BALLYHALE FRS HYDRAULICS REPORT.

**LEGEND**

**FLUVIAL AEP FLOOD DEPTH**

- 0 - 0.25m
- 0.25 - 0.5 m
- 0.50 - 1.0 m
- 1.0 - 1.5 m
- 1.5 - 2.0 m
- >2m

**MODELLED RIVER CENTRELINE**

**CULVERTED WATERCOURSE**

**NODE POINT**

REV: 03	NOTE: FOR INFORMATION	DATE: 24/03/2021
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MAP: BALLYHALE, CO. KILKENNY

<b>FLOOD PROBABILITY:</b>	0.1% AEP	
<b>MAP TYPE:</b>	DEPTH	
<b>SOURCE:</b>	FLUVIAL	
<b>HYDROLOGY SCENARIO:</b>	HEFS	
<b>GEOMETRY SCENARIO:</b>	PRESENT DAY	
<b>DRAWN BY:</b>	DL	DATE: 24/03/2021
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<b>APPROVED BY:</b>	DKS	DATE: 24/03/2021

**DRAWING NUMBER:** 514\_DPFH\_01\_05

**MAP SERIES:** PAGE 5 OF 5

**DRAWING SCALE:** 1:1000 @ A3

