AtkinsRéalis

Appendix 15-4 - Adjusted Survey Results

Uisce Éireann

9 September 2026

0089328DG0024

BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

A1 2026 Existing Surveyed Traffic

2026	ATC 1		ATC 2		ATC 3		ATC 4		ATC 5		ATC 6		ATC 7		ATC 8		ATC 9	
	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV
00:00	0.7	0.0	21.3	4.6	37.7	3.1	20.0	3.1	1.3	2.3	24.3	5.4	26.7	5.4	0.3	0.0	0.3	0.8
01:00	0.0	0.0	7.7	0.8	13.0	1.5	7.0	1.5	1.3	0.0	10.3	4.6	9.7	2.3	0.0	0.0	0.0	0.0
02:00	0.7	0.0	2.7	2.3	8.0	1.5	5.7	0.0	1.7	0.0	4.7	3.8	3.3	6.1	0.0	0.0	1.3	0.0
03:00	0.0	0.0	5.0	1.5	8.7	3.1	1.0	0.0	1.3	0.0	5.7	5.4	5.7	2.3	0.0	0.0	0.0	0.0
04:00	1.0	0.0	7.0	1.5	9.7	2.3	7.3	3.8	0.3	0.0	11.3	4.6	10.0	3.1	0.3	0.0	0.0	0.0
05:00	4.3	0.0	35.7	10.0	51.3	16.1	13.0	16.9	4.7	6.9	18.0	16.1	31.7	12.3	0.0	0.0	0.0	0.0
06:00	5.0	0.8	75.3	23.8	157.7	51.4	65.7	31.4	15.3	10.0	84.3	37.6	134.0	46.8	2.0	0.0	0.7	0.0
07:00	20.0	10.7	176.3	62.9	308.3	124.2	141.3	82.8	63.0	25.3	182.7	115.0	298.7	155.6	5.7	0.0	1.3	0.0
08:00	20.0	14.6	271.3	117.3	559.3	193.2	422.0	169.4	106.3	36.0	343.0	151.0	519.0	229.2	16.7	3.1	6.0	2.3
09:00	12.0	23.8	244.3	107.3	594.3	197.0	377.3	126.5	66.3	27.6	329.7	183.2	426.3	212.4	9.3	1.5	4.3	3.1
10:00	20.3	17.6	175.0	101.2	351.7	159.5	243.0	66.7	44.3	23.0	285.7	142.6	319.3	177.1	6.0	4.6	2.7	2.3
11:00	20.7	24.5	183.3	97.4	384.3	177.1	238.0	86.6	37.7	22.2	307.3	148.0	366.7	151.8	5.7	3.1	4.0	3.1
12:00	24.7	23.0	199.0	94.3	414.7	161.0	289.7	100.4	45.0	25.3	352.0	149.5	354.3	128.0	7.3	3.8	4.7	1.5
13:00	15.3	16.1	198.0	101.2	442.3	191.7	303.7	82.8	52.3	15.3	378.0	134.2	368.7	139.5	8.3	3.1	4.7	0.0
14:00	23.0	24.5	248.0	96.6	583.7	217.7	301.7	110.4	53.0	17.6	381.3	152.6	384.3	180.2	9.0	3.8	4.0	3.1
15:00	34.7	17.6	261.3	85.1	537.0	180.9	397.0	113.5	76.7	23.0	417.0	150.3	480.7	180.9	9.0	0.0	3.0	2.3
16:00	38.7	19.2	305.0	72.8	601.3	165.6	397.7	95.1	91.3	34.5	479.0	119.6	531.3	164.8	19.0	6.9	5.0	2.3
17:00	17.0	6.1	295.7	60.6	598.3	126.5	416.3	93.5	87.7	31.4	511.7	124.2	577.7	141.1	14.0	4.6	3.3	1.5
18:00	8.7	0.8	220.7	29.9	525.7	77.4	389.0	46.0	61.7	23.0	389.7	56.7	458.3	88.2	10.3	0.8	6.7	0.8
19:00	7.0	0.0	164.3	26.8	368.7	47.5	273.0	30.7	35.0	10.0	304.7	36.0	320.3	49.8	11.3	1.5	2.3	0.8
20:00	4.0	1.5	93.7	13.8	232.0	29.9	187.0	23.0	24.7	7.7	198.3	25.3	216.3	30.7	12.0	1.5	4.0	0.8
21:00	3.3	3.1	73.0	6.1	160.3	16.1	118.7	21.5	16.0	3.1	140.0	16.9	158.7	20.7	12.7	0.0	1.0	0.0
22:00	3.0	0.0	60.3	10.7	118.0	18.4	67.0	5.4	8.7	4.6	78.0	8.4	80.3	15.3	2.7	0.8	1.3	0.0
23:00	0.7	0.0	21.0	2.3	57.3	3.1	28.3	5.4	4.7	0.8	43.3	4.6	39.3	7.7	4.7	0.0	6.3	0.0

A2 2028 Growth Traffic

2028	ATC 1		ATC 2		ATC 3		ATC 4		ATC 5		ATC 6		ATC 7		ATC 8		ATC 9	
	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV	LGV	HGV
06:00	5.1	0.8	76.9	25.4	160.9	54.8	67.0	33.5	15.6	10.6	86.1	40.1	136.7	49.9	2.0	0.0	0.7	0.0
07:00	20.4	11.5	179.9	67.1	314.7	132.5	144.2	88.4	64.3	27.0	186.4	122.7	304.8	166.1	5.8	0.0	1.4	0.0
08:00	20.4	15.5	276.9	125.2	570.8	206.2	430.7	180.8	108.5	38.5	350.0	161.2	529.6	244.6	17.0	3.3	6.1	2.5
09:00	12.2	25.4	249.3	114.5	606.5	210.3	385.1	135.0	67.7	29.5	336.4	195.5	435.1	226.6	9.5	1.6	4.4	3.3
10:00	20.8	18.8	178.6	108.0	358.9	170.2	248.0	71.2	45.2	24.5	291.5	152.2	325.9	189.0	6.1	4.9	2.7	2.5
11:00	21.1	26.2	187.1	103.9	392.2	189.0	242.9	92.4	38.4	23.7	313.6	157.9	374.2	162.0	5.8	3.3	4.1	3.3
12:00	25.2	24.5	203.1	100.6	423.2	171.8	295.6	107.2	45.9	27.0	359.2	159.5	361.6	136.6	7.5	4.1	4.8	1.6
13:00	15.6	17.2	202.1	108.0	451.4	204.5	309.9	88.4	53.4	16.4	385.8	143.2	376.2	148.9	8.5	3.3	4.8	0.0
14:00	23.5	26.2	253.1	103.1	595.6	232.3	307.9	117.8	54.1	18.8	389.2	162.8	392.2	192.3	9.2	4.1	4.1	3.3
15:00	35.4	18.8	266.7	90.8	548.0	193.1	405.1	121.1	78.2	24.5	425.6	160.3	490.5	193.1	9.2	0.0	3.1	2.5
16:00	39.5	20.5	311.3	77.7	613.7	176.7	405.8	101.4	93.2	36.8	488.8	127.6	542.2	175.9	19.4	7.4	5.1	2.5
17:00	17.3	6.5	301.7	64.6	610.6	135.0	424.9	99.8	89.5	33.5	522.2	132.5	589.5	150.5	14.3	4.9	3.4	1.6
18:00	8.8	0.8	225.2	31.9	536.4	82.6	397.0	49.1	62.9	24.5	397.7	60.5	467.7	94.1	10.5	0.8	6.8	0.8
19:00	7.1	0.0	167.7	28.6	376.2	50.7	278.6	32.7	35.7	10.6	310.9	38.5	326.9	53.2	11.6	1.6	2.4	0.8

A3 2028 Forecasted Background Traffic

Time	ATC1	ATC2	ATC3	ATC4	ATC5	ATC6	ATC7	ATC8	ATC9
06:00 to 07:00	6	102	216	101	26	126	187	2	1
07:00 to 08:00	32	247	447	233	91	309	471	6	1
08:00 to 09:00	36	402	777	611	147	511	774	20	9
09:00 to 17:00 (off-peak)	60	389	790	507	130	616	718	27	8
17:00 to 18:00	24	366	746	525	123	655	740	19	5
18:00 to 19:00	10	257	619	446	87	458	562	11	8
19:00 to 20:00	7	196	427	311	46	349	380	13	3

A4 2026 Background Traffic Percentage Distribution

Time	Mullafarry Road (L1111)	R314 N	R314 S	R294 W	R294 E	N59 E	N59 W	Knockfree Road (L5110)	Wherrew Road (L5111)
06:00 to 07:00	3.42%	5.21%	5.35%	3.66%	4.01%	4.15%	4.87%	2.09%	2.02%
07:00 to 08:00	18.24%	12.57%	11.08%	8.45%	14.00%	10.14%	12.23%	5.91%	4.04%
08:00 to 09:00	20.52%	20.43%	19.27%	22.29%	22.58%	16.83%	20.14%	20.58%	25.15%
09:00 to 17:00 (off-peak)	34.33%	19.86%	19.64%	18.57%	19.96%	20.39%	18.74%	27.02%	22.12%
17:00 to 18:00	13.73%	18.72%	18.56%	19.21%	18.89%	21.66%	19.35%	19.40%	14.75%
18:00 to 19:00	5.60%	13.17%	15.44%	16.39%	13.43%	15.21%	14.71%	11.58%	22.53%
19:00 to 20:00	4.16%	10.05%	10.66%	11.44%	7.13%	11.61%	9.96%	13.42%	9.39%

AtkinsRéalis

AtkinsRéalis Ireland Limited
150-155 Airside Business Park
Swords
Co. Dublin
K67 K5W4

Tel: +353 1 810 8000

© AtkinsRéalis Ireland Limited except where stated otherwise