

Appendix E – Air Quality Monitoring

Table E1 provides all the available monitoring data within close proximity of each SRN link, where available, for 2022 and 2023. The monitoring data is made up of automatic monitoring and diffusion tubes collected by local authorities and National Highways.

Table E1 – Air Quality Monitoring Adjacent to SRN PCM links predicted as above the annual mean nitrogen dioxide limit value of 40µg/m³

PCM Link	SRN Road	Comm. No.	Monitoring ID	Approximate Distance to Link	OS Grid Reference		Annual Mean Nitrogen Dioxide Concentration (µg/m ³)		Notes
					X (m)	Y (m)	2022	2023	
6061	M60	5	CAP_BURY_006	230m	384152	404624	46	44	Local Authority
			CAP_BURY_008	220m	384533	405037	29	29	Local Authority
			Bury 1	19m	384372	404917	27	25	Local Authority
			Bury 20	31m	382974	405930	29	28	Local Authority
16569	A59	5	75290_1	5m	337018	399640	28	26	National Highways
			75290_2	5m	337031	399690	28	27	National Highways
			75290_5	4m	336814	399978	-	31	National Highways
			75290_6	4m	336846	400048	-	32	National Highways
			75290_7	4m	336874	400107	-	29	National Highways
17918	M60	5	Stockport 20	21m	386921	389529	30	31	Local Authority
			Stockport 17	170m	388442	390077	19	19	Local Authority
			Stockport 34	105m	388304	390351	36	33	Local Authority
			CAP_STOC_003	175m	388109	390395	30	27	Local Authority
			CAP_STOC_001	104m	388341	390355	36	35	Local Authority
			CAP_STOC_002	101m	388550	390391	33	32	Local Authority
26043	M32	5	260	18m	361140	175366	32	27	Local Authority
			303	255m	361368	175170	31	24	Local Authority
			655	200m	361355	175203	29	27	Local Authority
			656	25m	361141	175446	27	23	Local Authority
			660	220m	360896	175312	32	28	Local Authority
			56033_1	22m	361143	175464	31	24	National Highways
			56033_2	16m	361152	175673	33	23	National Highways
			56033_3	37m	361225	175818	48	30	National Highways

PCM Link	SRN Road	Comm. No.	Monitoring ID	Approximate Distance to Link	OS Grid Reference		Annual Mean Nitrogen Dioxide Concentration (µg/m³)		Notes
					X (m)	Y (m)	2022	2023	
46050	M60	5	Salford 53	91m	374757	399891	26	23	Local Authority
			Salford 63	23m	374673	399912	38	33	Local Authority
			16050_1	555m	375622	399284	29	28	National Highways
			16050_8	605m	375654	399353	39	35	National Highways
74215	A13	5	PIH	210m	557299	178802	29		Local Authority
			THA	79m	557386	179065	23		Local Authority
			THB	29m	557437	179099	25		Local Authority
74457	A5103	5	70271_1 (7701)	1m	382257	389382	37	39	National Highways
			70230_1 (7701)	4mr	382202	389384	50	45	National Highways
			7701_1	1m	382270	389441	43	44	National Highways
			7701_2	170m	382317	389621	54	50	National Highways
			7701_3	125m	382269	389577	49	45	National Highways
			M56_Manchester_44A	51m	382316	389421	-	-	Local Authority
			MAN-T1 (CAP_MANC_016)	43m	382286	389493	38	-	Local Authority
			70230_2 (7701)	3m	382224	389444	-	47	National Highways
			70230_3 (7701)	2m	382194	389351	-	42	National Highways
			70230_4 (7701)	3m	382179	389259	-	37	National Highways
91270	A3	5	1	1m	497715	149494	72	56	National Highways
			2	1m	497725	149540	78	57	National Highways
			3	1m	497644	149327	84	68	National Highways
			4	1m	497440	149153	57	47	National Highways
			5	10m	497132	148933	38	33	National Highways
			6	3m	497111	148924	59	46	National Highways
			7	4m	497433	149144	26	31	National Highways
			8	6m	497681	149380	58	47	National Highways
			25	3m	496806	148798	-	59	National Highways
			26	4m	497139	148995	-	23	National Highways
			27	4m	497400	149161	-	28	National Highways
			28	4m	497707	149557	-	28	National Highways
			37	11m	496677	148700	-	25	National Highways
			38	10m	497683	149376	-	25	National Highways

PCM Link	SRN Road	Comm. No.	Monitoring ID	Approximate Distance to Link	OS Grid Reference		Annual Mean Nitrogen Dioxide Concentration ($\mu\text{g}/\text{m}^3$)		Notes
					X (m)	Y (m)	2022	2023	
			39	15m	497695	149391	-	25	National Highways
			40	13m	497729	149497	-	27	National Highways
			41	23m	497735	149482	-	23	National Highways
Notes: Bold text indicates monitored concentration above annual mean NO₂ limit value									

Figures E1 – E8 provide the locations of the monitoring data for each SRN link.

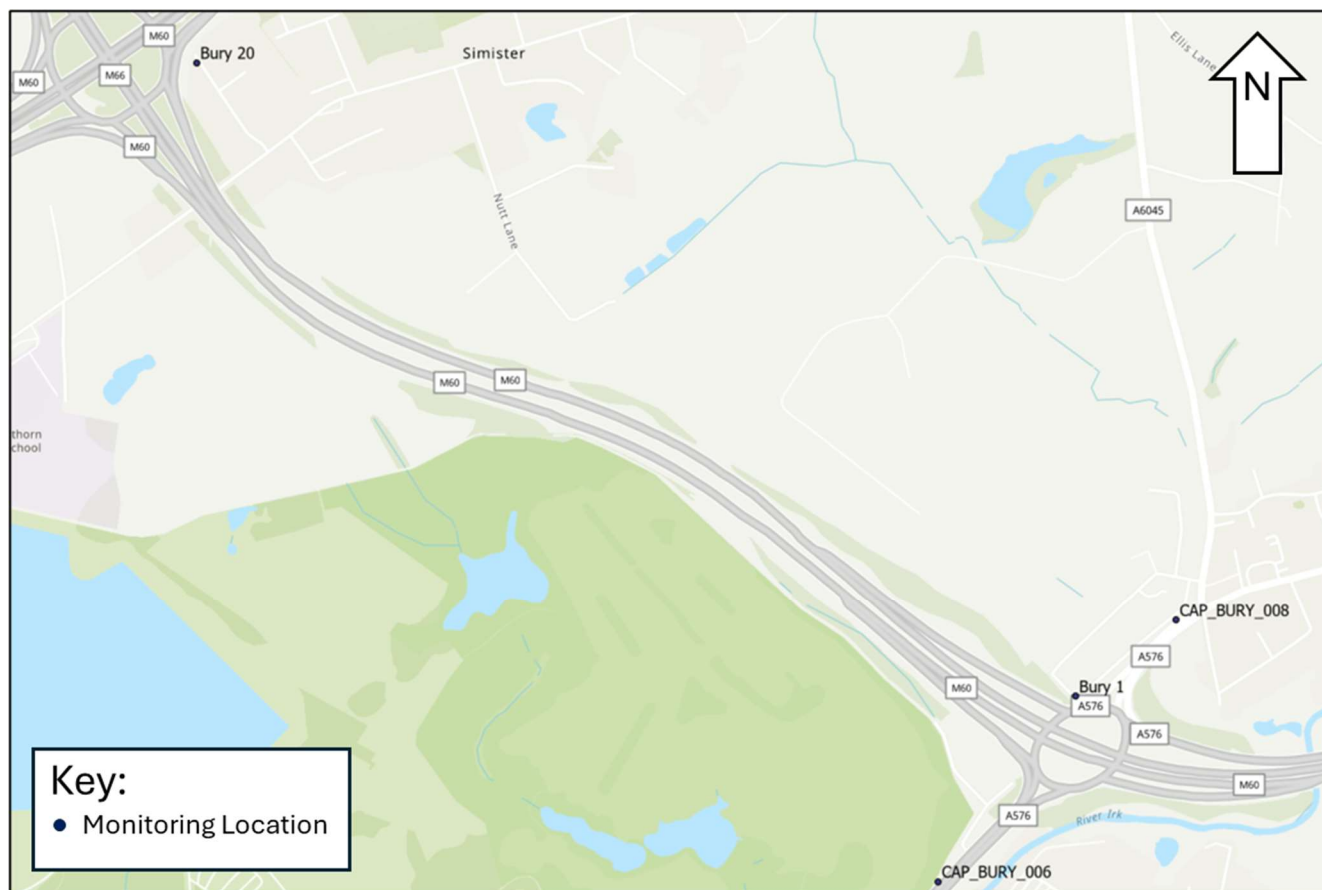


Figure E1 – Monitoring Locations for SRN link 6061



Figure E2 – Monitoring Locations for SRN link 16569

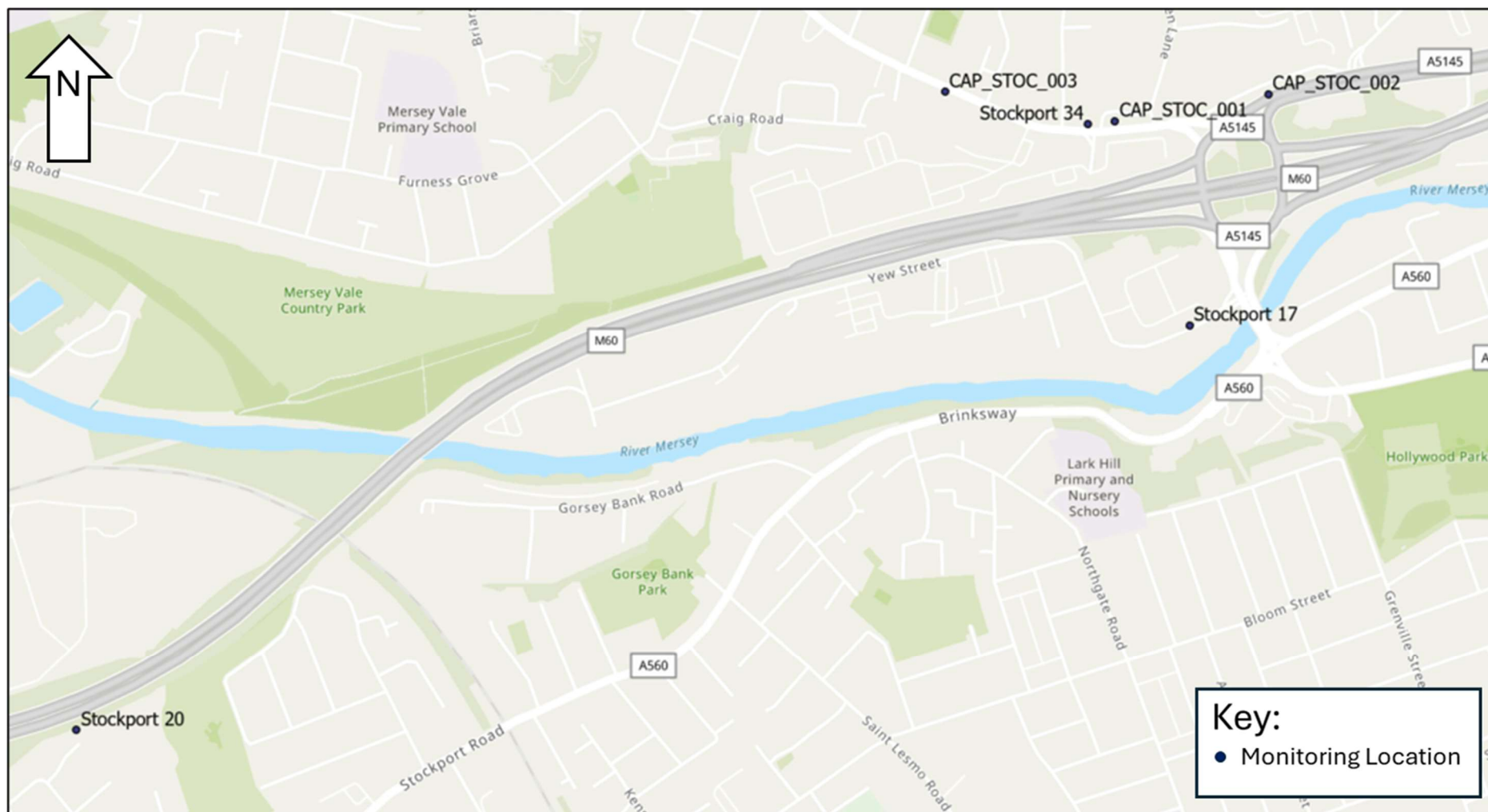


Figure E3 – Monitoring Locations for SRN link 17918

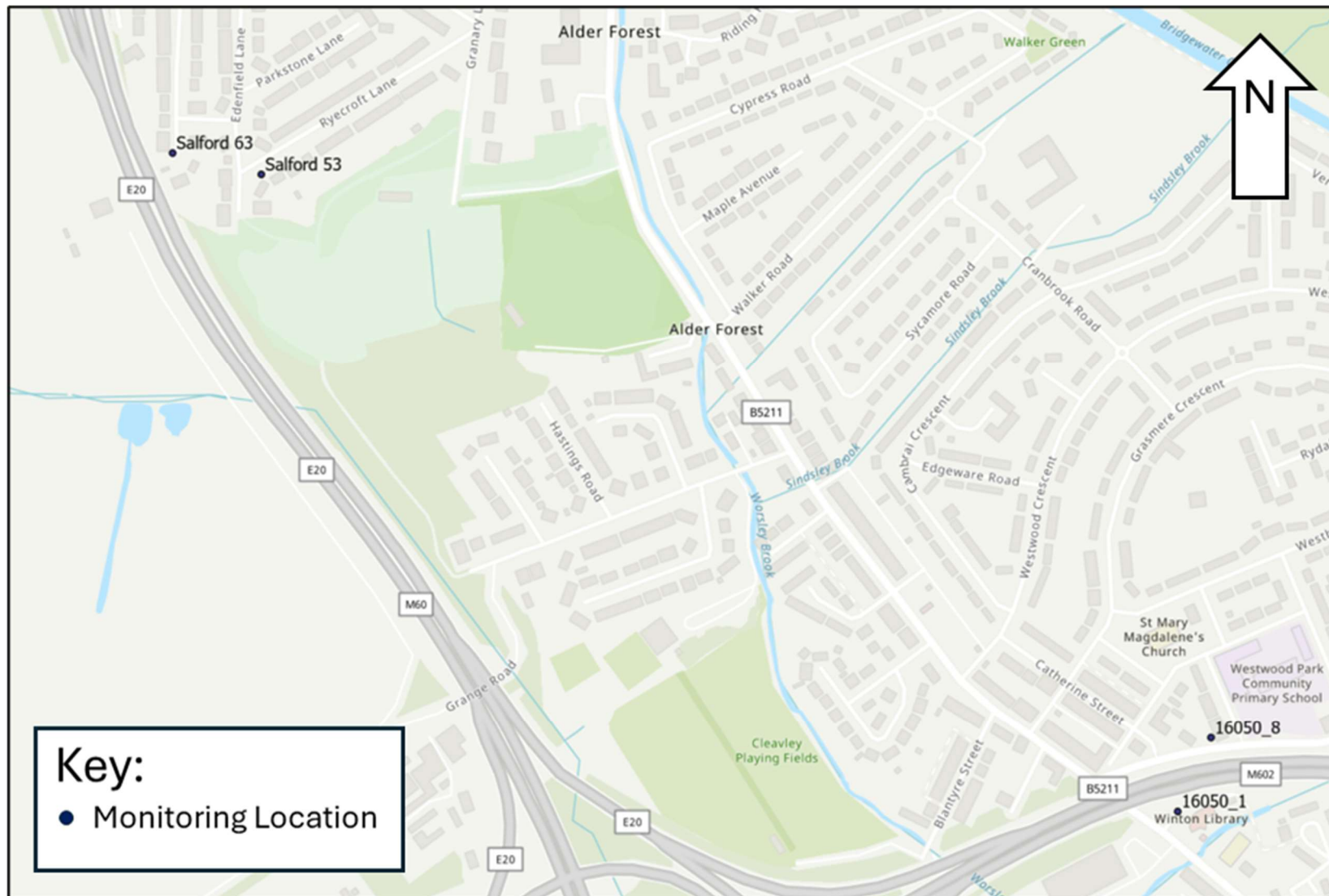


Figure E5 – Monitoring Locations for SRN link 46050

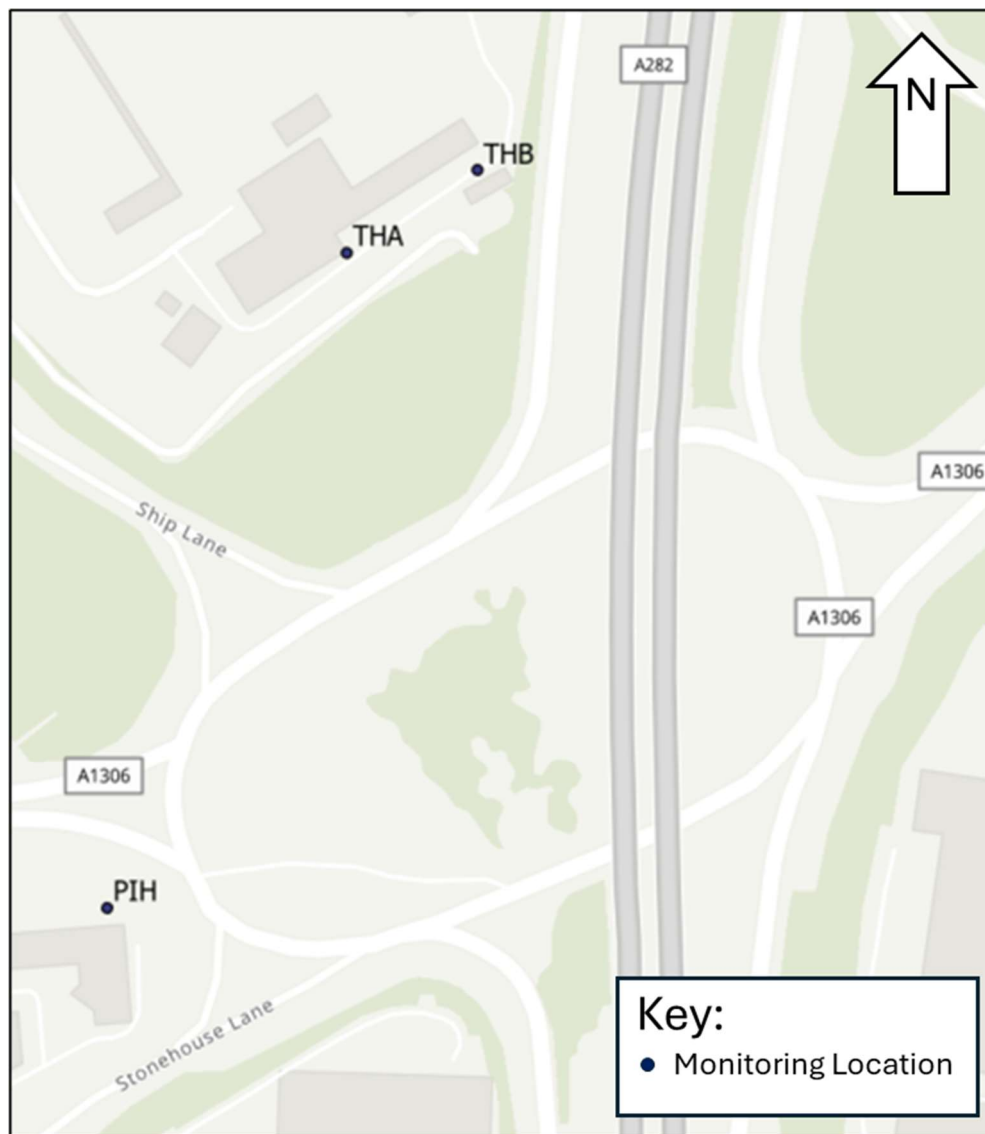


Figure E6 – Monitoring Locations for SRN link 74215

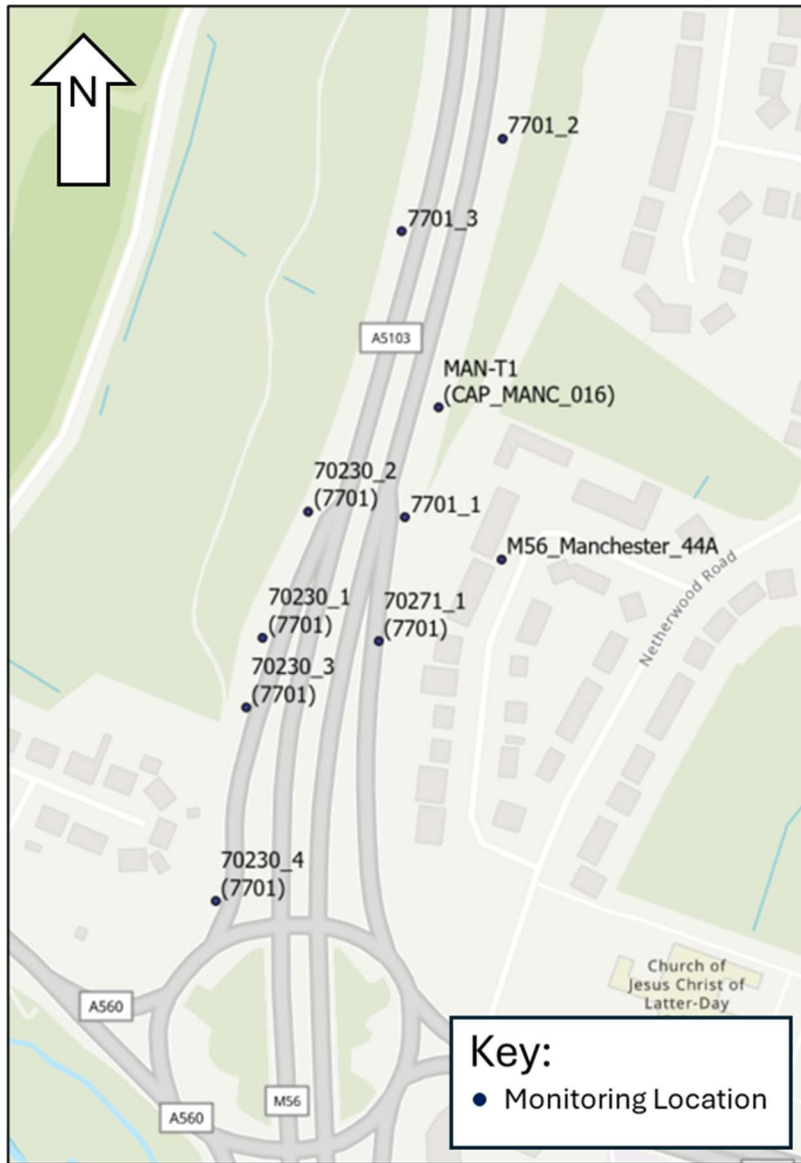


Figure E7 – Monitoring Locations for SRN link 74457

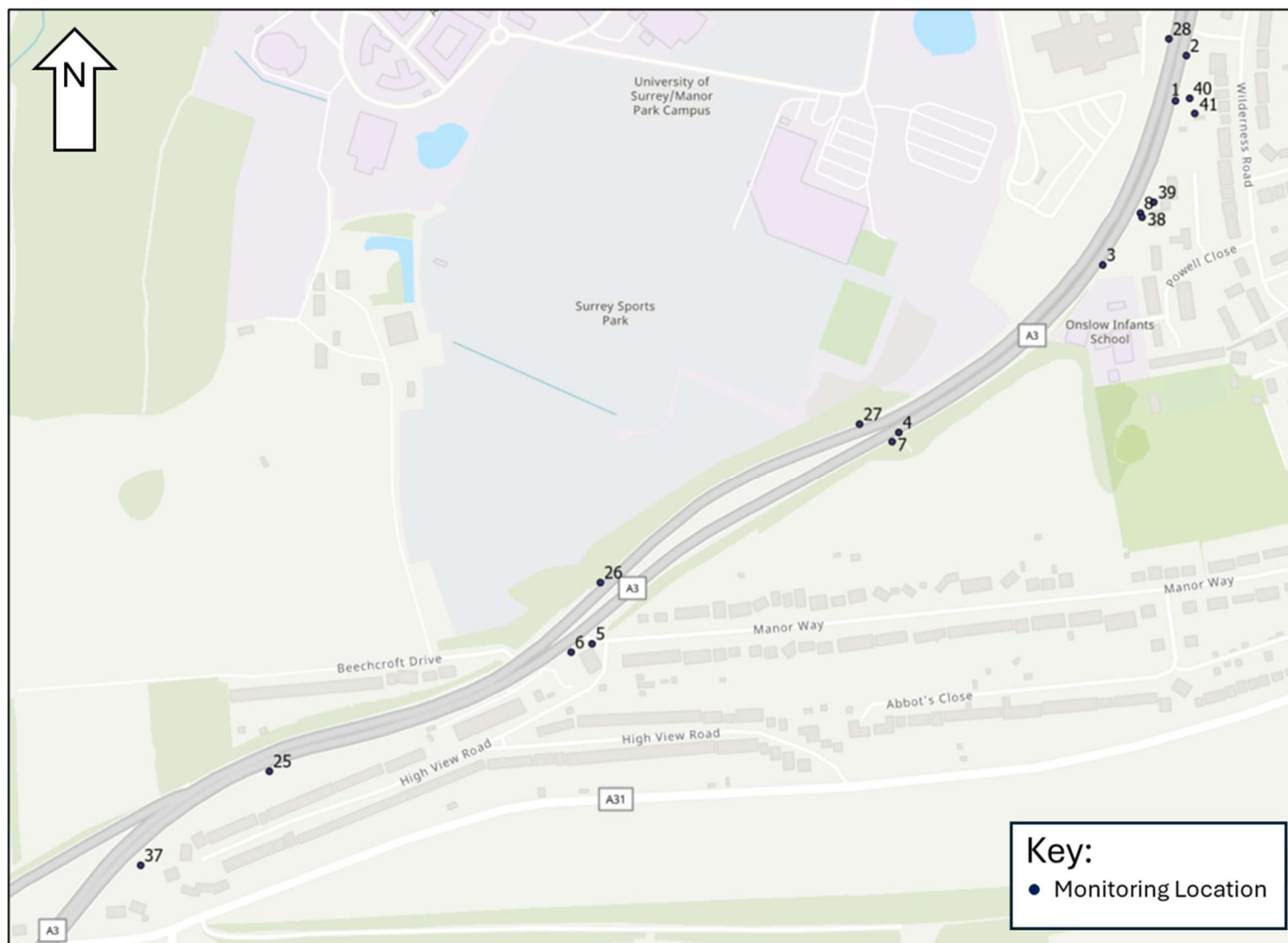


Figure E8 – Monitoring Locations for SRN link 91270