



DAEWG Meeting

11 March 2026



Introductions

Agenda

Dublin Airport Environmental Working Group

11 March 2026

17.00 at Carlton Hotel, Dublin Airport

1. Apologies
2. Minutes of Previous Meeting
3. Matters Arising
4. Dublin Airport Update
5. Air and Water Quality
6. Noise and Flight Track Monitoring
7. Fingal County Council Planning Applications
8. Members Update
9. AOB



daa Actions from Previous Meeting

Angela Flynn
Community Engagement Manager

No	Issue	daa response
1.	JH queried if the growth in passenger numbers is Irish people travelling abroad or visitors. MM advised that a breakdown of passengers could be included in the next meeting's update.	The daa insights team have confirmed that the numbers in 2025 were similar to 2024, with 54% of Irish passengers accounting for the total number of passengers travelling.
2.	GM queried if Dublin Airport's carbon footprint's biggest contributor is cars or aircraft. AK advised she could revert with further breakdown information.	Update as part of the meeting
3.	JH requested an update on the geothermal works taking place at the airport. MM advised that an update will be provided at the next meeting.	Geothermal investigations at Dublin Airport took place during 2025 to explore the potential for this renewable energy source to heat and cool buildings. Initial results highlight potential, and now the business needs to assess options for a potential system to utilise this renewable energy source.
4	JD advised that meetings dates for 2026 would be circulated to all members for consideration	Circulated to members in mail on 12 December 2025. Confirmed as 03 June, 30 September and 24 November.



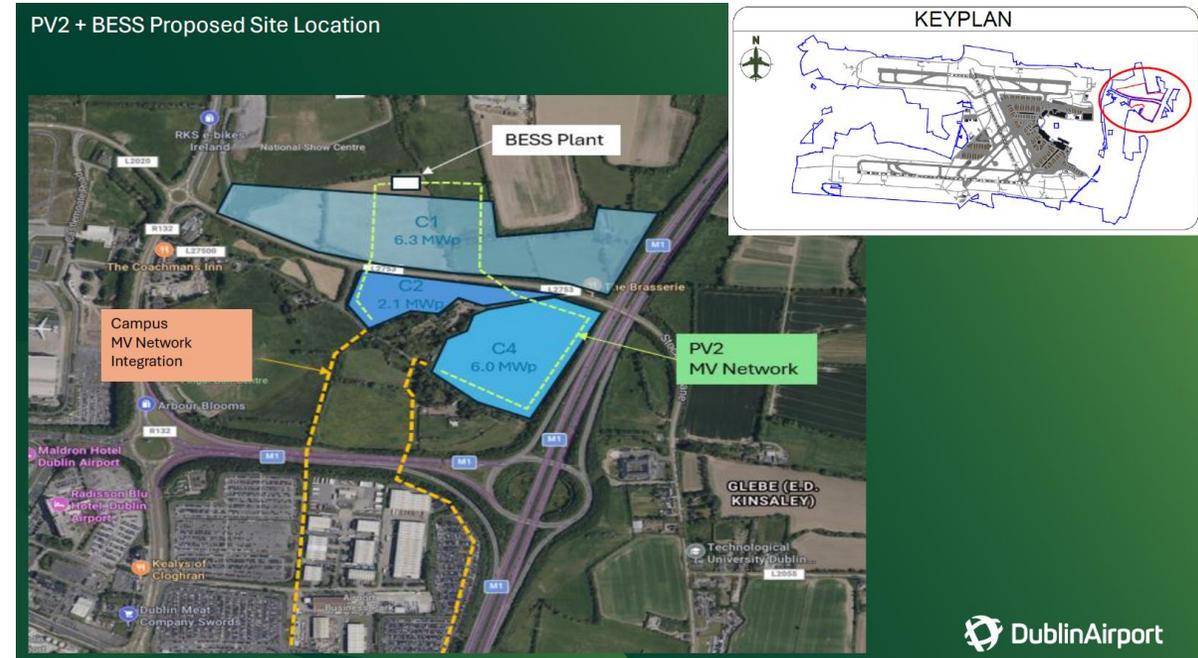
Dublin Airport Update

Angela Flynn
Community Engagement Manager

- Dublin Airport welcomed 2.3m passengers in February, a 9.7% increase year-on-year.
- daa will attend a meeting of the Joint Committee on Transport on 24 March to discuss the Dublin Airport (Passenger Capacity) Bill 2026. Resident groups, airlines, business groups and other bodies have also been invited to attend across a number of days.
- South Runway has been closed since 9am Monday, 9 March to facilitate essential repairs on the main taxiway (Taxiway Sierra). All aircraft operations are on North Runway until 9am Thursday, 12 March. Scheduled essential maintenance works is also being carried during this period.
- The first biannual Instrument Landing System (ILS) testing is due to take place on four consecutive nights between 11pm and 6am from Monday, 23 March to Thursday, 26 March across the three runways. The checks will be undertaken by a small twin-engine aircraft that will make multiple approaches to each runway at no lower than 100 feet.
- Over 75 local schools have now received funding under Elevate'25, Dublin Airport's €2 million school support programme and we look forward to visiting the upcoming projects.



- daa is conducting relevant pre-planning assessments for a proposed new solar farm and battery energy storage system (BESS) on a site located to the east of North Runway near Stockhole Lane.
- Fingal Research Report for Winter 2025 is now published on our website. It captures the views and perspectives of Fingal Communities regarding the operations and development of Dublin Airport utilising trend data from across all surveys completed to date.



Temporary Noise Monitors

- The current rotation runs to end-June/start-July 2026 and nominations for new locations are required by mid-June 2026.
- daa has received a request from residents in The Ward. For DAEWG consideration, please.

DAEWG	Location	Duration
NMT1	Swords	Feb-26 to Jul-26
		July-26 to Jan-27
NMT2	Clongriffin	Jan-26 to Jul-26
		July-26 to Jan-27
NMT3	Portmarnock	Mar-26 to (TBC)
		July-26 to Jan-27



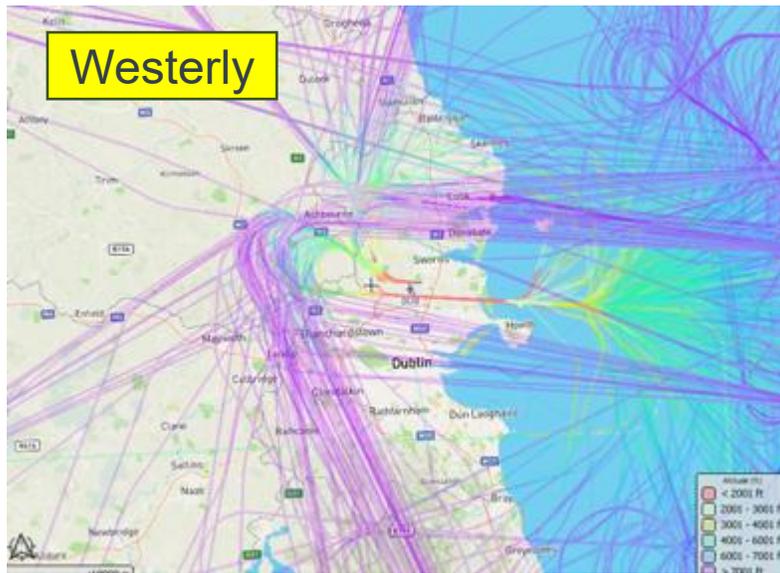
Noise and Flight Track Monitoring Reports

Noise and Flight Track Monitoring, daa

	Items	References	Links
1	Easterly vs Westerly Winds and Runway Use	Monthly reports	Dublin Airport website - Airport Plans & Reports Dublin Airport
2	Noise Monitoring Terminals Locations	Quarterly reports	Dublin Airport Website - Airport Plans & Reports Dublin Airport
3	Short Term (Temporary) Noise Monitoring	Portable NMT reports	TBD
4	Noise Modelling and Insulation Scheme Eligibility	Condition 10 and Condition 7 Compliance Reports	https://planning.agileapplications.ie/fingal/application-details/102319

1. Easterly vs Westerly Winds – Recent data

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
2026	W	56%												
	E	44%												
2025	W	82%	45%	55%	32%	44%	80%	80%	67%	78%	75%	76%	58%	65%
	E	18%	55%	45%	68%	56%	20%	20%	33%	22%	25%	24%	42%	35%
2024	W	86%	87%	56%	78%	65%	89%	81%	90%	61%	63%	70%	88%	76%
	E	14%	13%	44%	22%	35%	11%	19%	10%	39%	37%	30%	12%	24%



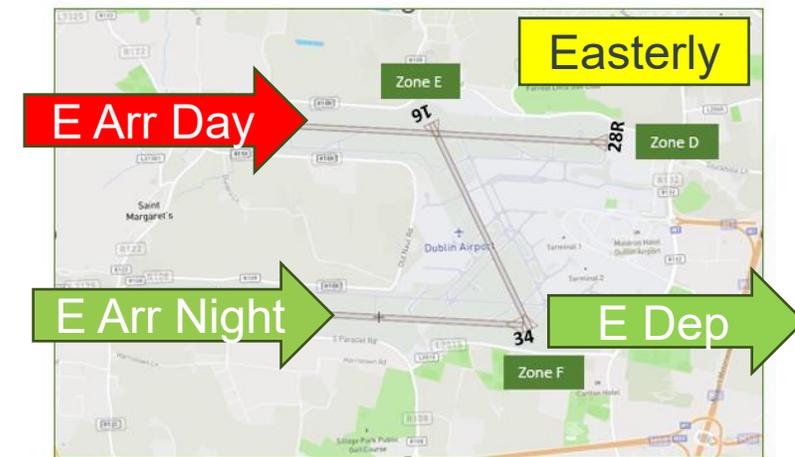
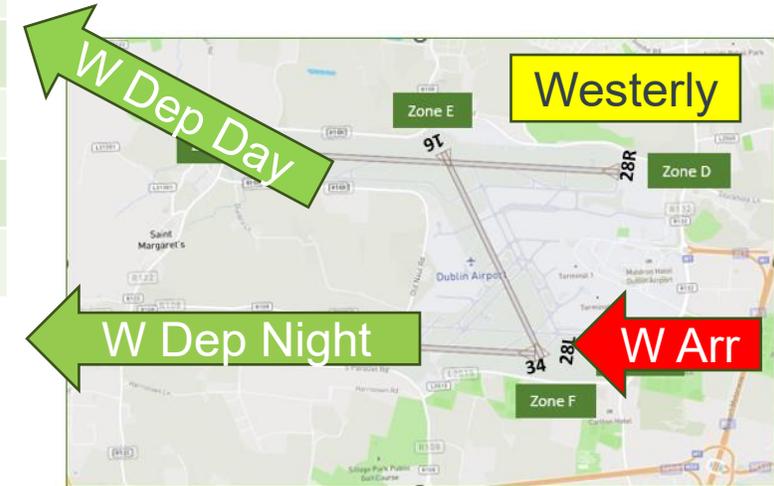
Operations on 12 December 2025

- 714 movements, westerly conditions
- Colours indicate aircraft height



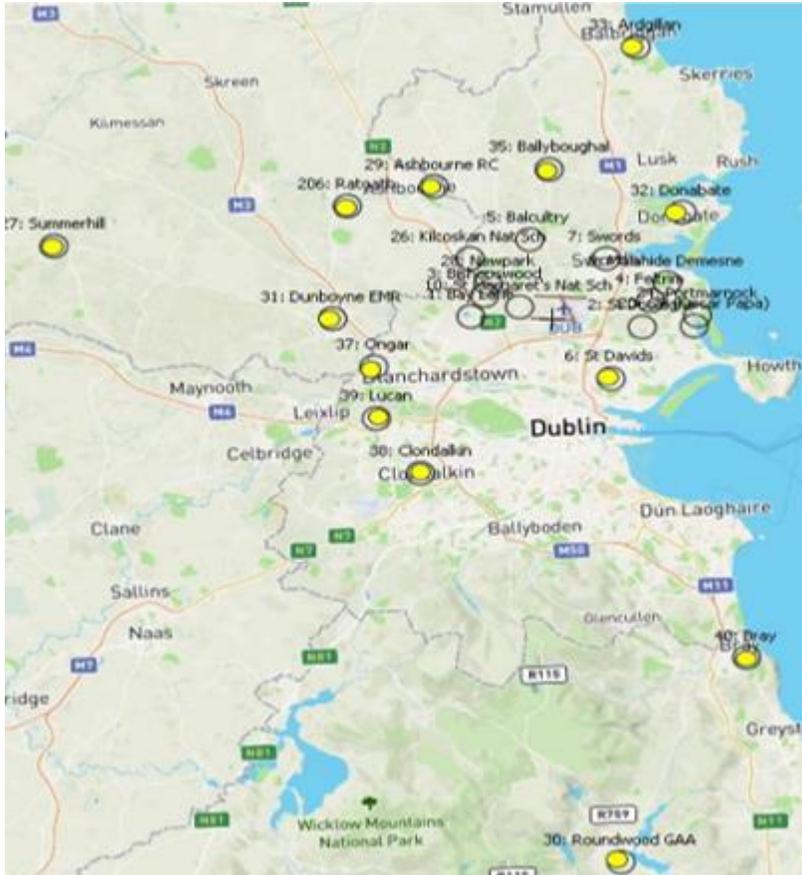
Operations on 21 December 2025

- 715 movements, easterly conditions
- Colours indicate aircraft height



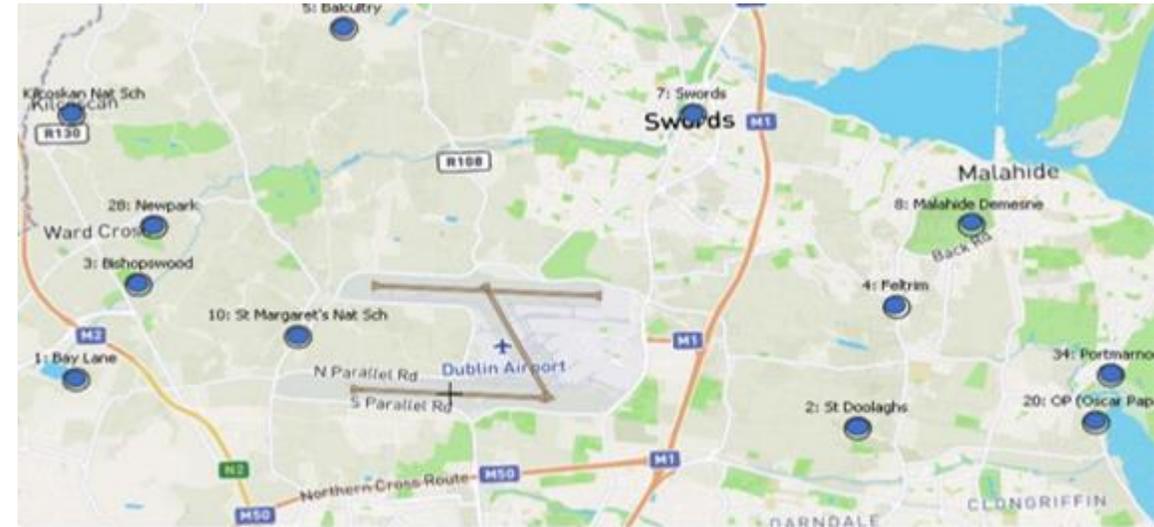
2. Noise Monitoring Terminals - Locations

From Q4 2025 Noise and Flight Track Monitoring Report



● = Permanent NMTs located further out from Dublin Airport

#	NMT Name	Since
1	Bay Lane	2015
2	St. Doolaghs	2015
3	Bishopswood	2015
4	Feltrim	2015
5	Balcultry	2015
6	St.Davids	2015
7	Swords	07/2022
8	Malahide	07/2022
10	St.Margarets NS	07/2022
20	Coast Rd (OP)	2015
26	Kilcoskan NS	12/2022
27	Summerhill	09/2023
28	Newpark	09/2023
29	Ashbourne	09/2023
30	Roundwood	09/2023
31	Dunboyne	09/2023
32	Donabate	09/2023
33	Ardgillan	01/2024
34	Portmarnock	06/2024
35	Ballyboughal	06/2024
37	Ongar	08/2024
38	Clondalkin	08/2024
39	Lucan	08/2024
40	Bray	08/2024
206	Ratoath	03/2024



● = Permanent NMTs located near Dublin Airport

Measured Lmax data from Q4 2025 Noise and Flight Track Monitoring Report



NMT	Location	Average Number of Aircraft Noise Events per DAY Above <u>Lmax</u> (dBA) [e.g. N60 = Number of events above <u>Lmax</u> 60dBA]						# Aircraft N Events / DAY (Av day Q4)
		N60	N65	N70	N75	N80	N85	
1	Bay Lane	44.3	44.3	42.5	26.3	6.4	0.2	44.3
2	St. Doolaghs	333.7	333.2	312.9	144.2	6.8	0.3	333.7
3	Bishopswood	168.6	160.3	130.9	66.4	3.8	0.1	169.8
4	Feltrim	31.6	25.9	6.3	1.8	0.1	0.0	31.6
5	Balcultry	0.9	0.7	0.4	0.3	0.1		1.0
6	St.Davids	1.7	1.6	1.0	0.1	0.0		1.7
7	Swords	0.1	0.0					0.1
8	Malahide (NMT down)							
10	St.Margarets NS	158.7	152.9	146.3	81.0	9.9	0.3	159.2
20	Coast Rd (OP)	296.6	296.6	266.6	42.5	2.7	0.1	296.6
26	Kilcoskan NS	193.0	187.2	171.5	77.3	10.2	0.1	193.0
27	Summerhill	3.5	1.2	0.1				3.9
28	Newpark	257.7	211.1	150.0	76.4	11.1	0.6	257.9
29	Ashbourne	17.3	13.7	2.6	0.2			17.3
30	Roundwood	0.0	0.0	0.0				0.0
31	Dunboyne(NMT Down)							
32	Donabate	0.2	0.1	0.0				0.2
33	Ardgillan	0.1	0.1	0.0				0.1
34	Portmarnock	179.6	153.6	35.8	4.3	0.0	0.0	179.6
35	Ballyboughal	3.3	3.3	3.3	0.2			3.3
37	Ongar	3.1	1.6	0.1				3.3
38	Clondalkin	0.2	0.1	0.0				0.3
39	Lucan	0.6	0.1	0.0				0.6
40	Bray							0.0
206	Ratoath	17.2	16.4	4.9	0.7	0.0	0.0	17.2

3. Temporary (Portable) NMTs

#		Mobile NMT	2024	2025											
			08-12	01	02	03	04	05	06	07	08	09	10	11	12
207	5	<u>Kilcoscan</u>	X...	X	X	X	X	X	X	X	X	X	X	X	X
209	6	<u>Rivervalley Swords</u>			X	X	X	X	X						
210	8	<u>Ballystrahan</u>								X	X	X	X	X	X
211	7	<u>Toberburr/ Rivermeade</u>										X (17-30)	X	X	X
212	9	Wotton										X (17-30)	X	X	
213	12	<u>Mabestown</u>										X (17-30)	X	X (1-11)	
214	11	<u>Kilreesk</u>										X (17-30)	X	X	X
215	10	Forest Road										X (17-30)	X	X	X
216	13	<u>Broughan</u>												X	X
217	15	<u>Balgriffn/Clongriffin</u>													
218	16	Swords (Oakwood)													
	17	<u>Laurestown</u>													

From (draft) Dec 2025
Portable NMT data report

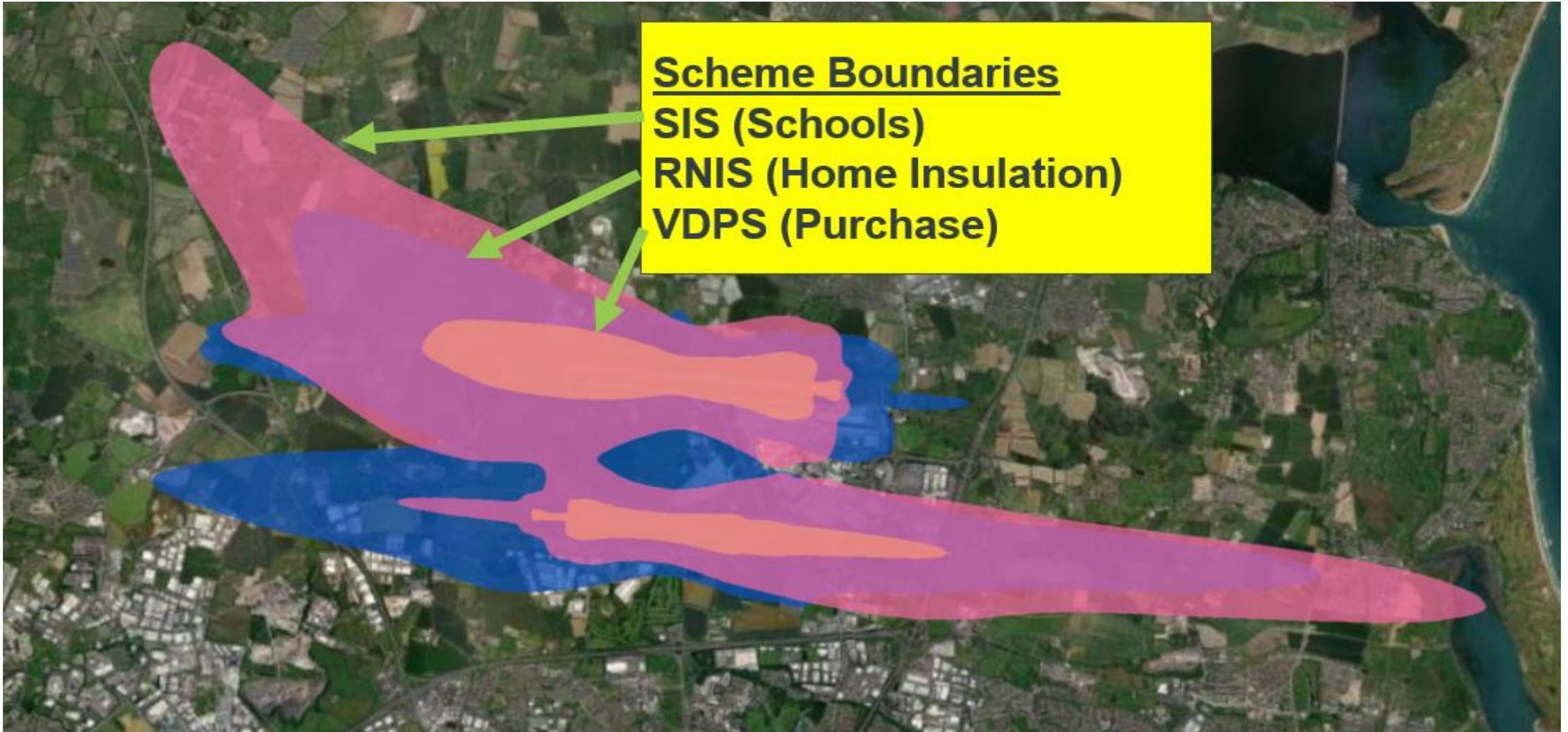


Notes:
Lden and Lnight are annual noise metrics

	Item	Leq16h Criteria	Notes
RNIS	Residential Noise Insulation Scheme	63 dBA	204 homes completed, 1 in progress
SIS	School Insulation Scheme	60 dBA	5 schools completed
VDPS	Voluntary Dwelling Purchase Scheme	69 dBA	9 purchases completed, 8 in progress

Timeline

2017	Scheme Boundaries	Based on the Forecast Contours for operations with the new North Runway. Agreed and signed off by ANCA
2024	1 st Biennial Review	Based on 2023 contour and a new Forecast Contour
Aug 2026	2 nd Biennial Review	To be based on 2025 contour and Forecast Contour





Surface Water and Air Quality Reports

Aine Kirrane

Environmental Sustainability Officer, daa

Surface Water Monitoring locations



Surface Water Monitoring - Dublin Airport (October 2025 - January 2026)

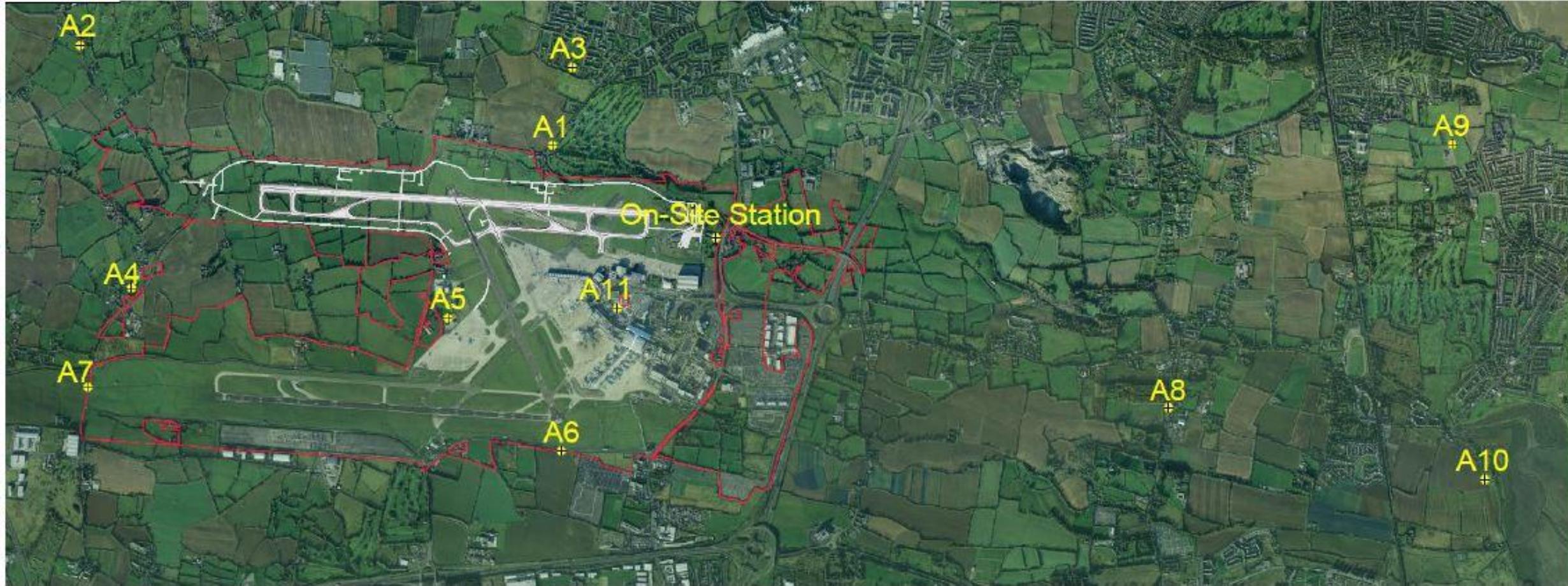
Sample locations - entering daa lands												
Month	C1 - Cuckoo Stream			C4 - Cuckoo Stream			S1 - Santry Stream*			M1 - Mayne Stream*		
	BOD mg/L	COD mg/L	Ammonia as N mg/L	BOD mg/L	COD mg/L	Ammonia as N mg/L	BOD mg/L	COD mg/L	Ammonia as N mg/L	BOD mg/L	COD mg/L	Ammonia as N mg/L
Oct-25	Previously reported in Q4 2025			Previously reported in Q4 2025			1.2	20	0.01	1.1	19	0.02
Nov-25	0.7	22	0.05	2	46	0.06	-	-	-	-	-	-
Dec-25	0.9	<5	0.23	<6	43	<0.01	-	-	-	-	-	-
Jan-26	1.2	11	0.04	<10	108	1.59	<4	22	0.01	<4	24	0.04

Sample location - on daa lands												
Month	K2 - Kealys Stream			NRML 7 - Forrest Little			W1 - Wad Stream*			NRML1 - Ward Stream*		
	BOD mg/L	COD mg/L	Ammonia as N mg/L	BOD mg/L	COD mg/L	Ammonia as N mg/L	BOD mg/L	COD mg/L	Ammonia as N mg/L	BOD mg/L	COD mg/L	Ammonia as N mg/L
Nov-25	0.9	10	0.03	0.7	15	0.03	-	-	-	-	-	-
	0.8	12	0.12	47	85	-						
	1.8	21	0.06									
	5.6	7	<0.01									
Dec-25	5	23	0.02	5.9	24	-	-	-	-	-	-	-
	<4	<5	0.05	1.5	19	0.04						
	0.8	<5	0.02									
Jan-26	<4	67	0.05	15	46	-	-	-	-	-	-	-
	40	77	<0.01									
	8	46	0.01									
	63	124	<0.01									
	<4	25	0.03									

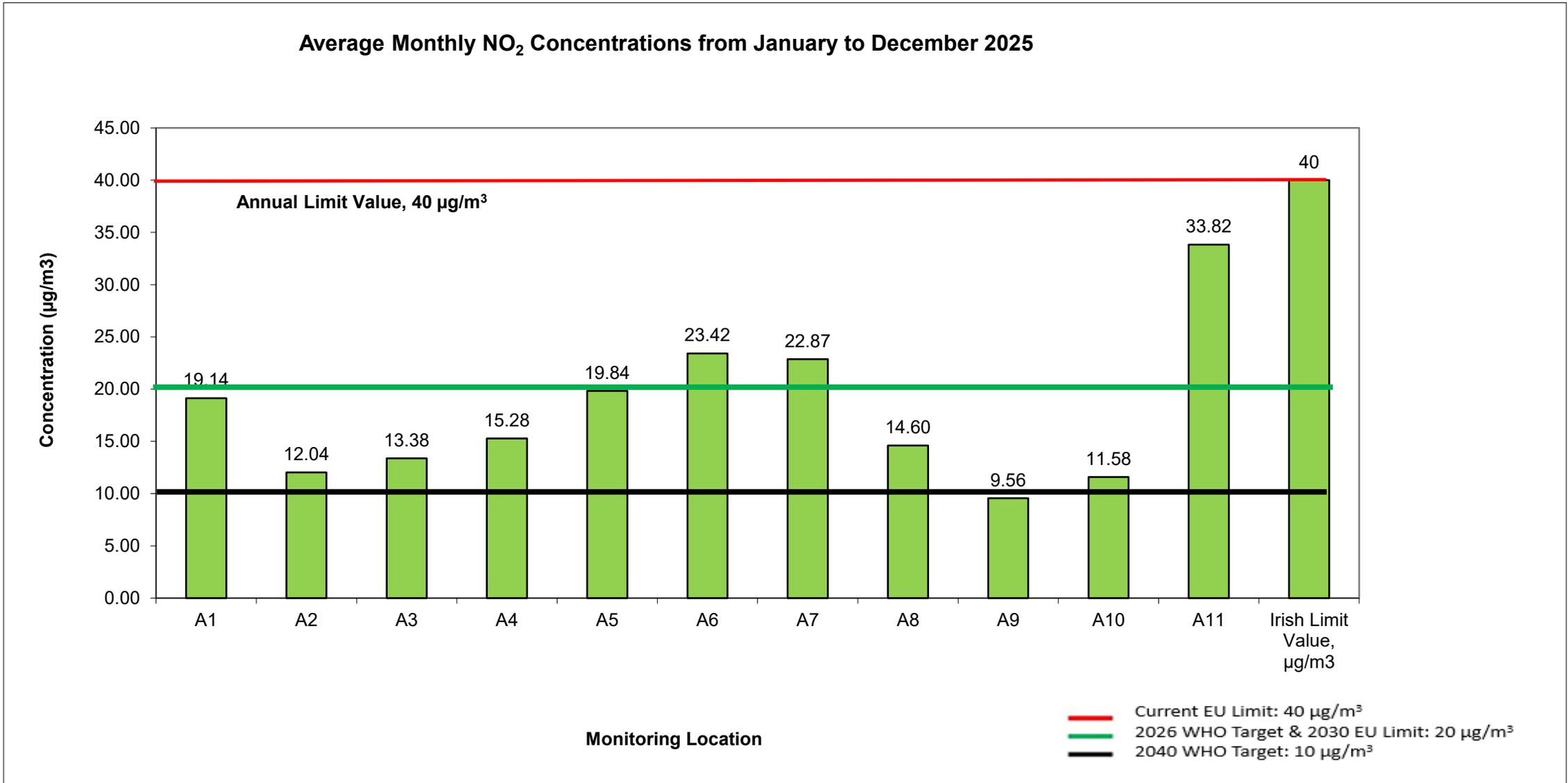
Sample location - leaving daa lands									
Month	C9 - Cuckoo Stream **			M5 - Mayne Stream ***			S3 - Santry		
	BOD mg/L	COD mg/L	Ammonia as N mg/L	BOD mg/L	COD mg/L	Ammonia as N mg/L	BOD mg/L	COD mg/L	Ammonia as N mg/L
Nov-25	1.4	24	0.01	0.7	11	0.01	0.4	<5	0.01
	1.6	<5	0.01	0.5	18	0.01			
				1	21	0.01			
				10	34	<0.01			
Dec-25	1.6	16	0.02	5.4	16	0.03	0.6	9	0.04
	1.9	5	0.02	<4	16	0.01			
				0.7	<5	0.03			
				0.1	14	<0.01			
Jan-26	<6	31	0.17	<4	19	0.04	1.6	11	0.02
	17	127	0.04	<4	13	0.02			
	12	100	<0.01	41	360	0.02			
				41	81	<0.01			
				<10	29	0.02			

* quarterly sample
 ** twice monthly sample
 *** weekly sample

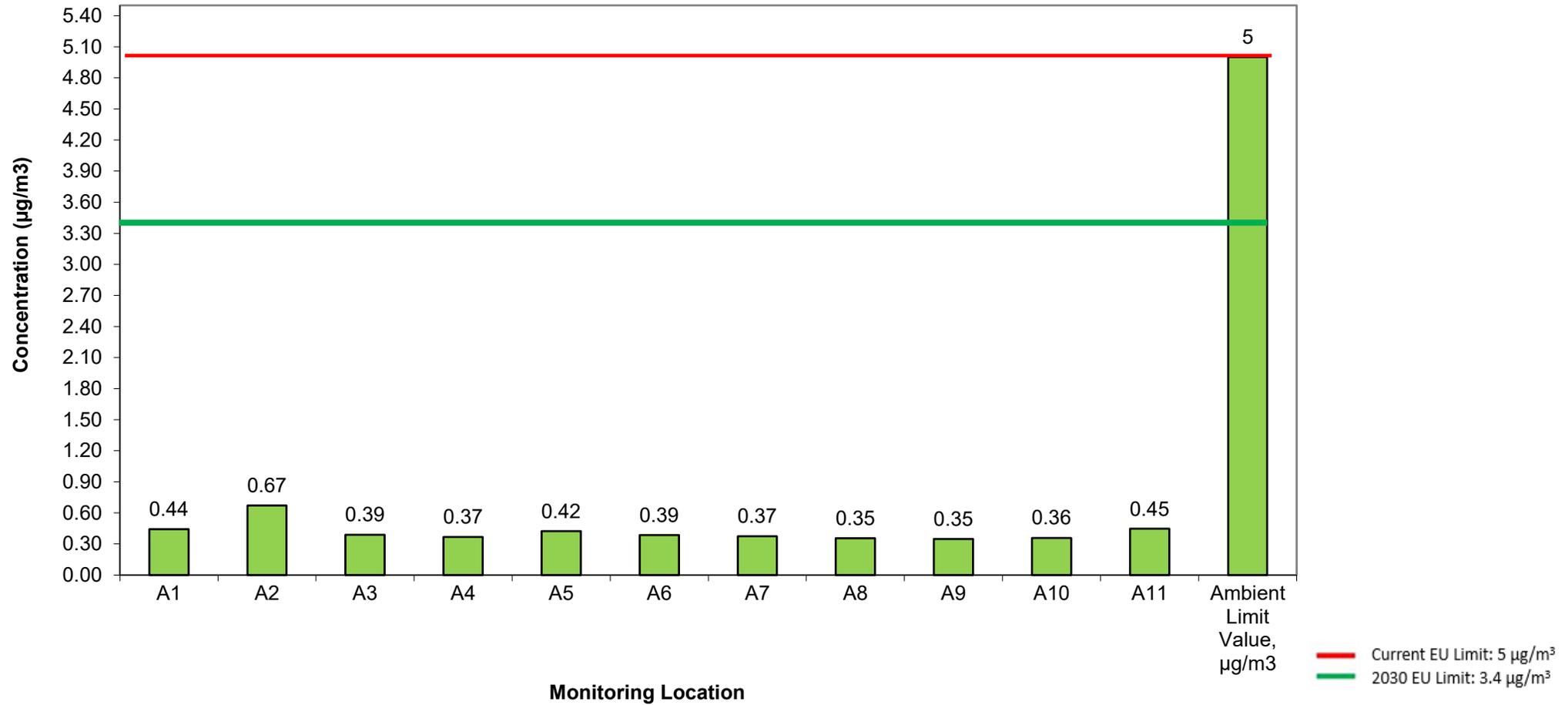
Dublin Airport Air Quality Monitoring locations



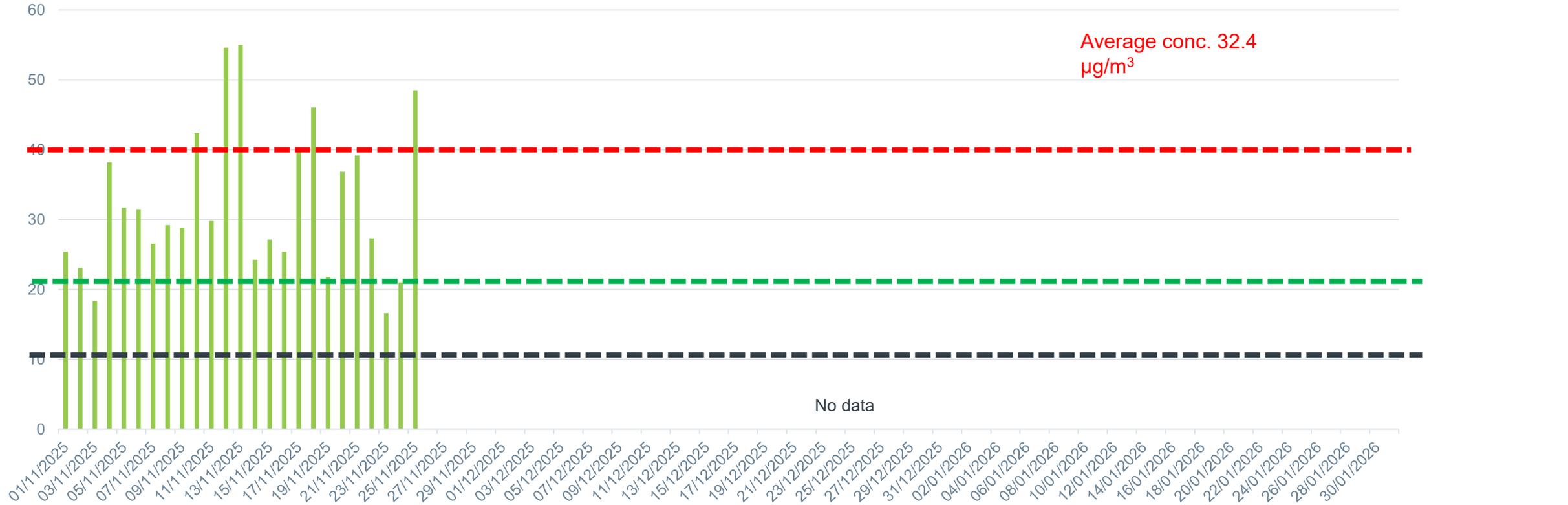
Average Monthly NO₂ Concentrations from January to December 2025



Average Monthly Benzene Concentrations from January to December 2025



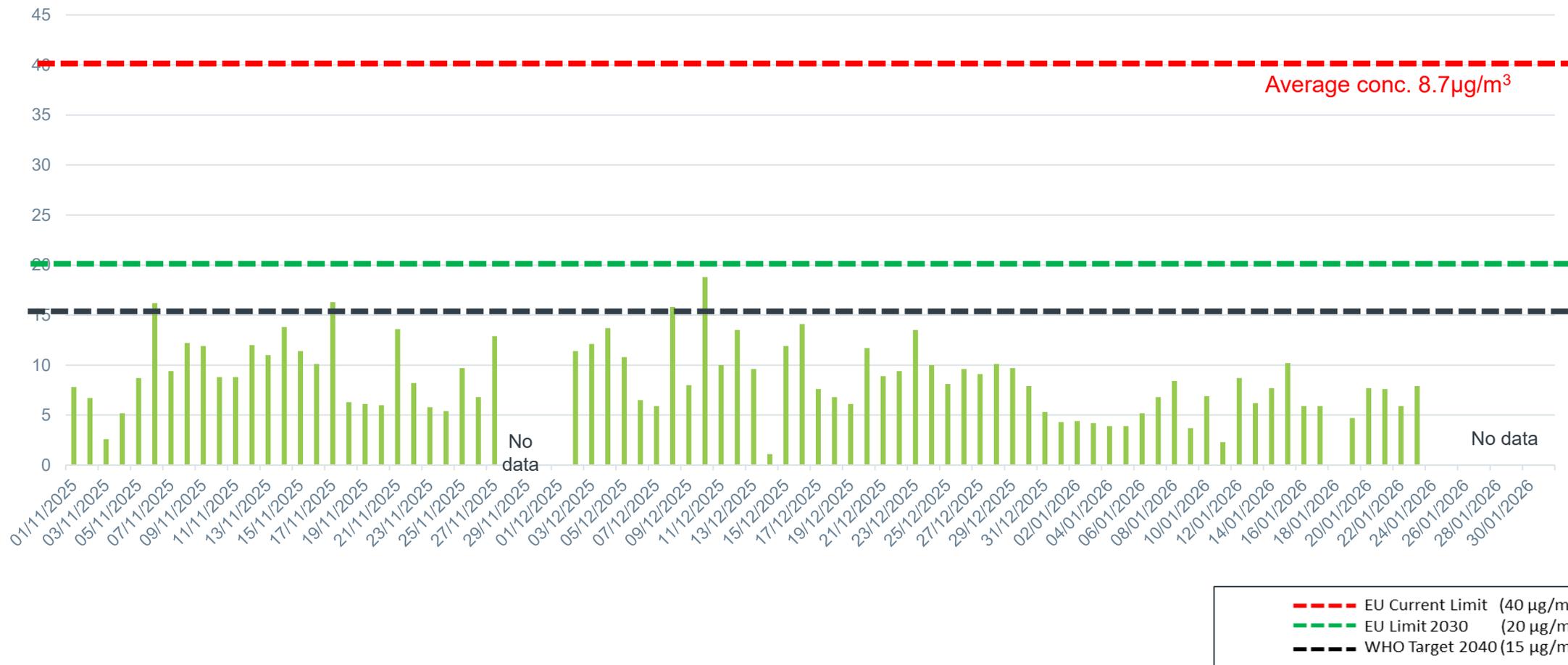
Daily Average NO₂ Concentration: November 2025 - January 2026



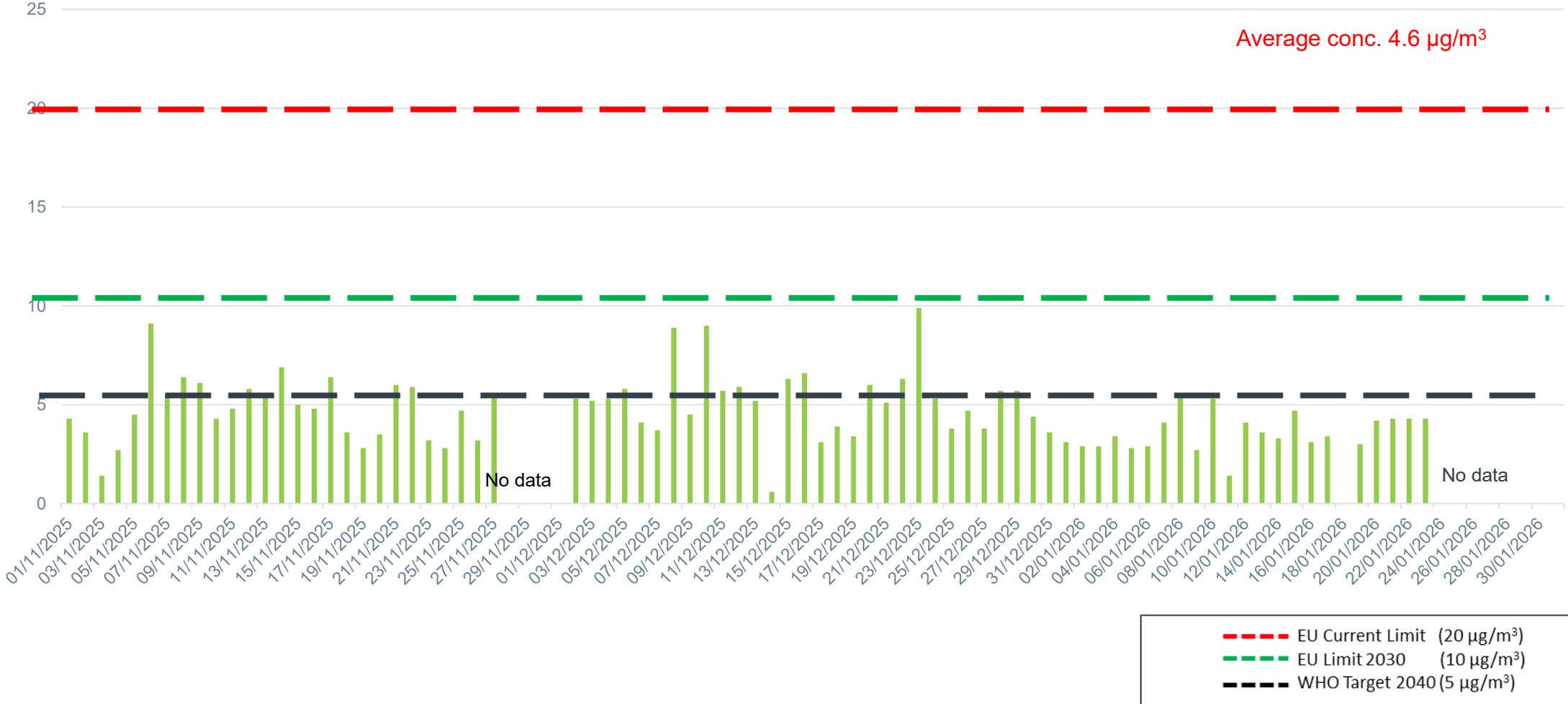
Note: NO_x analyser fault on 26th November

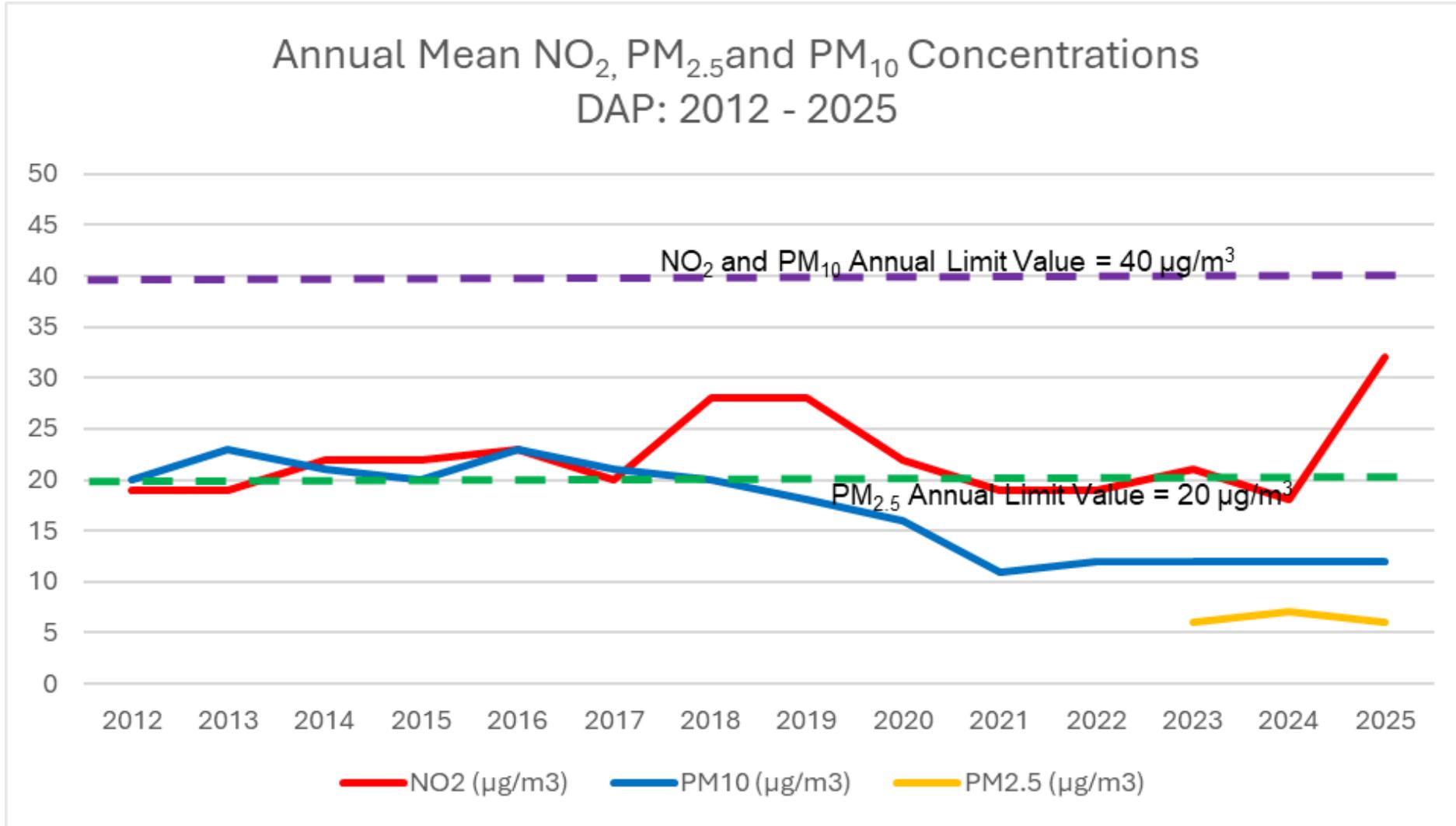
- Current EU Limit: 40 µg/m³
- 2026 WHO Target & 2030 EU Limit: 20 µg/m³
- 2040 WHO Target: 10 µg/m³

Daily Average PM₁₀ Concentration: November 2025 - January 2026



Daily Average PM_{2.5} Concentration: November 2025 - January 2026







**Next Meeting –
5pm on Wednesday, 3 June 2026**
