

Air Quality Dashboard | May | 2026

AIR QUALITY MONITORING IN TOWNSVILLE

Air Quality Monitoring in Townsville is conducted separately by both the Department of Environment, Tourism, Science and Innovation (DETSI), and Port of Townsville Limited.

Click here to visit the
Port of Townsville's
monitoring network

Click here to visit DETSI
monitoring network

Information



Dust
Monitoring
Equipment – an
explanation

What cargo is
handled at the
Townsville
Port?

Subscribe,
ask questions,
provide
feedback

Queensland Health statement on lead
and safe levels in air around humans

What does this
Dashboard
show me?

Data



Live Air Quality
Monitoring data

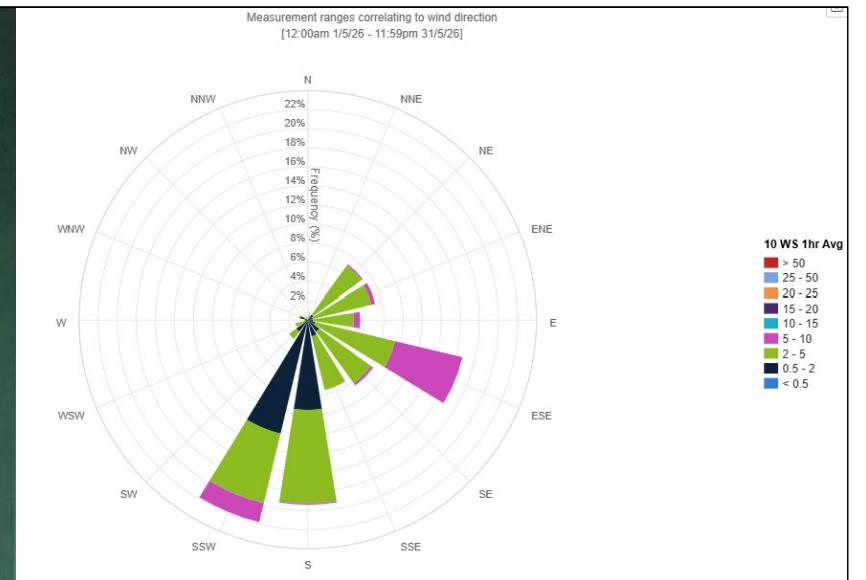
Air Quality
Bulletin

Live Shipping
Schedule

Rainfall Data -
BOM

Air Quality
Monitoring Plan

Air Quality Monitoring Locations



Shipping Movements in May 2026

[Click here](#) to return to Main Page

Date In/Out	Vessel Name	Cargo	Berth
30 Apr 2026 - 03 May 2026	SANTA INES	FERTILIZER (EXPORT)	8
01 May 2026 - 04 May 2026	LUGA	CEMENT (IMPORT)	4
02 May 2026 - 04 May 2026	ADF		10
03 May 2026 - 06 May 2026	ADF	GENERAL CARGO (EXPORT)	3 NTH
03 May 2026 - 05 May 2026	POAVOSA BRAVE	ZINC CONCENTRATES (EXPORT)	8
04 May 2026 - 06 May 2026	KEN SEI	CONCENTRATES (EXPORT)	3 STH
05 May 2026 - 05 May 2026	MARTORELL	MOTOR VEHICLES (IMPORT)	10
05 May 2026 - 05 May 2026	GRAND AURORA	MOTOR VEHICLES (IMPORT)	4
05 May 2026 - 06 May 2026	THERESA MICRONESIA	MOLASSES (EXPORT)	9
05 May 2026 - 06 May 2026	SILVER ENTALINA	FUELS (IMPORT)	1
05 May 2026 - 07 May 2026	DIONE LEADER	MOTOR VEHICLES (IMPORT)	10
06 May 2026 - 07 May 2026	FIJI CHIEF	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
06 May 2026 - 07 May 2026	THERESA MICRONESIA	MOLASSES (EXPORT)	8
06 May 2026 - 08 May 2026	GRAND AURORA		3 NTH
06 May 2026 - 09 May 2026	ADF	GENERAL CARGO (EXPORT)	9
06 May 2026 - 07 May 2026	KYOWA ROSE	CONTAINERS (IMPORT)	3 STH
07 May 2026 - 16 May 2026	CHARISMA.GR	CONCENTRATES (IMPORT)	10
08 May 2026 - 09 May 2026	GREYMAN EXPRESS	CATTLE (EXPORT)	4
08 May 2026 - 11 May 2026	XING ZHI HAI	FERTILIZER (IMPORT)	8
08 May 2026 - 09 May 2026	FLORA DELMAS	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	3 STH
08 May 2026 - 09 May 2026	GEM TOPAZ	FUELS (IMPORT)	1
09 May 2026 - 09 May 2026	MICRONESIAN OCEAN	GENERAL CARGO (EXPORT)	9
10 May 2026 - 11 May 2026	KYOWA ORCHID	TYRES (IMPORT)	3 NTH
11 May 2026 - 12 May 2026	CHEM COBALT	TALLOW (EXPORT)	4
11 May 2026 - 14 May 2026	KEN SEI	CONCENTRATES (EXPORT)	3 STH
12 May 2026 - 14 May 2026	NORD TAIPEI	CONCENTRATES (EXPORT)	8
12 May 2026 - 14 May 2026	CELESTIAL BLUE	SUGAR (EXPORT)	9
12 May 2026 - 13 May 2026	ANL MOUNT WILHELM	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
13 May 2026 - 14 May 2026	AAL SHANGHAI	GENERAL/BREAK BULK (IMPORT)	4
14 May 2026 - 14 May 2026	PHOENIX LEADER	MOTOR VEHICLES (IMPORT)	3 NTH
14 May 2026 - 16 May 2026	ARDMORE ENCOUNTER	FUELS (IMPORT)	1
16 May 2026 - 19 May 2026	POAVOSA ACE	CONCENTRATES (EXPORT)	10
17 May 2026 - 18 May 2026	SEVILLIA	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4

Date In/Out	Vessel Name	Cargo	Berth
18 May 2026 - 22 May 2026	X-PRESS DHAULAGIRI	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	3 STH
20 May 2026 - 21 May 2026	RABAUL CHIEF	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
20 May 2026 - 21 May 2026	VIKING ADVENTURE	MOTOR VEHICLES (IMPORT)	9
20 May 2026 - 25 May 2026	CENTURION BUYO	SULPHUR (IMPORT)	10
21 May 2026 - 22 May 2026	GOLDEN CHIE	FUELS (IMPORT)	1
22 May 2026 - 23 May 2026	HANSA FREYBURG	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
22 May 2026 - 22 May 2026	PALANCA MIAMI	BITUMEN (IMPORT)	1
22 May 2026 - 26 May 2026	X-PRESS DHAULAGIRI	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	2
22 May 2026 - 27 May 2026	HPC GALAXY	SCRAP (EXPORT)	3 NTH
22 May 2026 - 25 May 2026	CRIMSON TURACO	FERTILIZER (EXPORT)	8
23 May 2026 - 26 May 2026	ANGEL ISLAND	FERTILIZER (IMPORT)	4
25 May 2026 - 27 May 2026	REDHEAD	ZINC CONCENTRATES (EXPORT)	8
25 May 2026 - 28 May 2026	IVS PHOENIX	SUGAR (EXPORT)	9
26 May 2026 - 27 May 2026	LEO ASPHALT II	BITUMEN (IMPORT)	4
27 May 2026 - 30 May 2026	SPINNAKER SW	FERTILIZER (IMPORT)	10
27 May 2026 - 29 May 2026	JAL KALP	FUELS (IMPORT)	1
28 May 2026 - 28 May 2026	BBC MARMARA	GENERAL CARGO + CONTAINERS (EXPORT)	4
28 May 2026 - 29 May 2026	ANL KOKODA	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
29 May 2026 - 30 May 2026	NORTHERN HIGHWAY	MOTOR VEHICLES (IMPORT)	9
29 May 2026 - 31 May 2026	X-PRESS DHAULAGIRI	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
31 May 2026 - 31 May 2026	GFS MARINE 02		2



First established in 1864, the Port of Townsville operates eight berths handles around \$8 billion in trade; servicing more than 136 ports around the globe.

In 2020-21, the Port of Townsville delivered strong financial results and continued to roll-out major infrastructure investments despite the impacts of the ongoing global pandemic, COVID-19. In a year where supply chains across the world have been tested, a total of 7.7 million tonnes of freight passed over our wharves, which was a 6.3 per cent decrease on last year. With a focus on cost management, the Port also reported a \$14.33 million net profit for 2020/21, see the Annual Report.

The role of mining, resources and agricultural industries have never been more significant with our growth primarily driven by exports of mineral concentrates (down 8.14%), fertiliser (up 9.7%) and livestock (down 6%). Townsville is the number one port in Australia for copper, zinc, lead and sugar exports and services 75% of the Northern Australia population. More than 20 shipping lines operate out of the Townsville Port offering more than 40 different services. Townsville is also a strategic Navy port and facilitates cruise ship visits.

Commodities/cargo that passes over the Townsville Port's berths include:

Imports

Containers and general cargo, motor vehicles, tyres, bulk products - cement, sulphuric acid, fertiliser, sulphur, zinc concentrate and petroleum (fuel) products.

Exports

General cargo, containers, timber, cattle, tallow, refined metal products, bulk products - sugar, molasses, fertiliser and mineral concentrates (zinc, copper, lead).

Port of Townsville Overview

Subscribe to Dashboard Updates

Visit our website and subscribe here www.townsville-port.com.au/community/

OR

Visit the [Port of Townsville Facebook page](#) and click on “Sign up” at the top of the page.

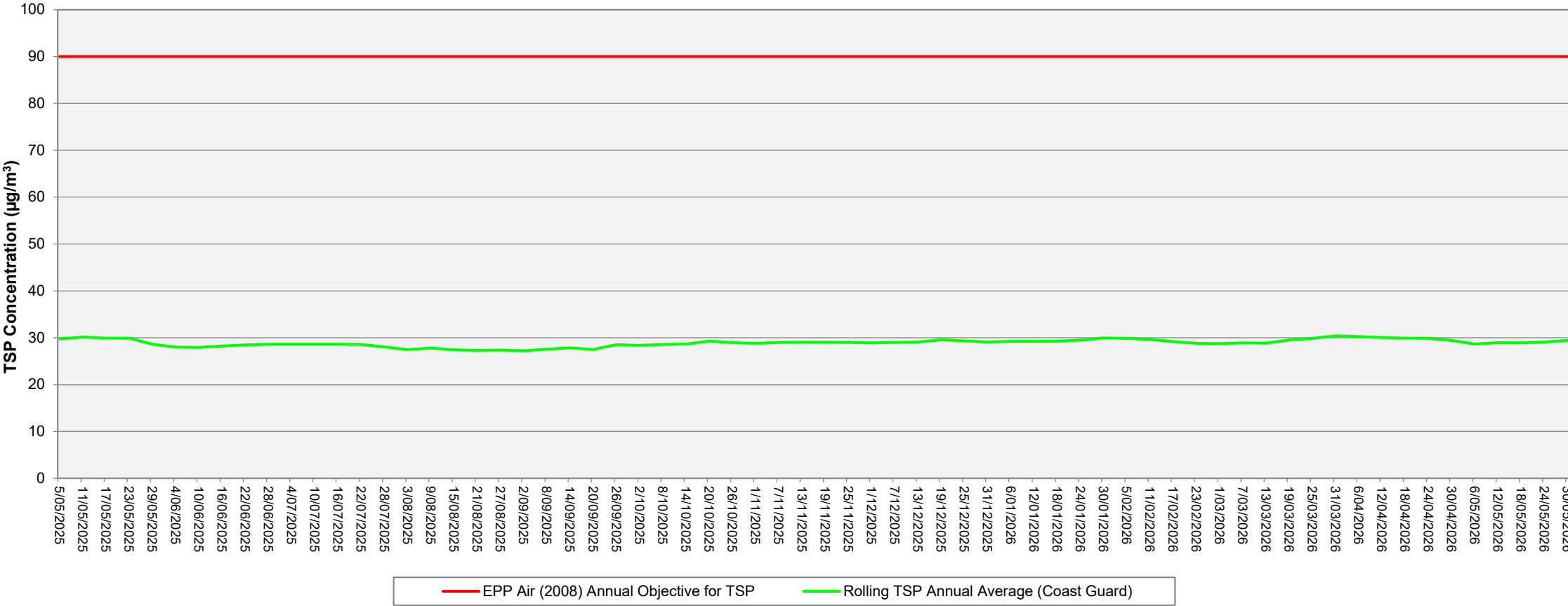
OR

Phone 07 4781 1500 and asked to be added to the list.

Ask a Question / Provide Feedback

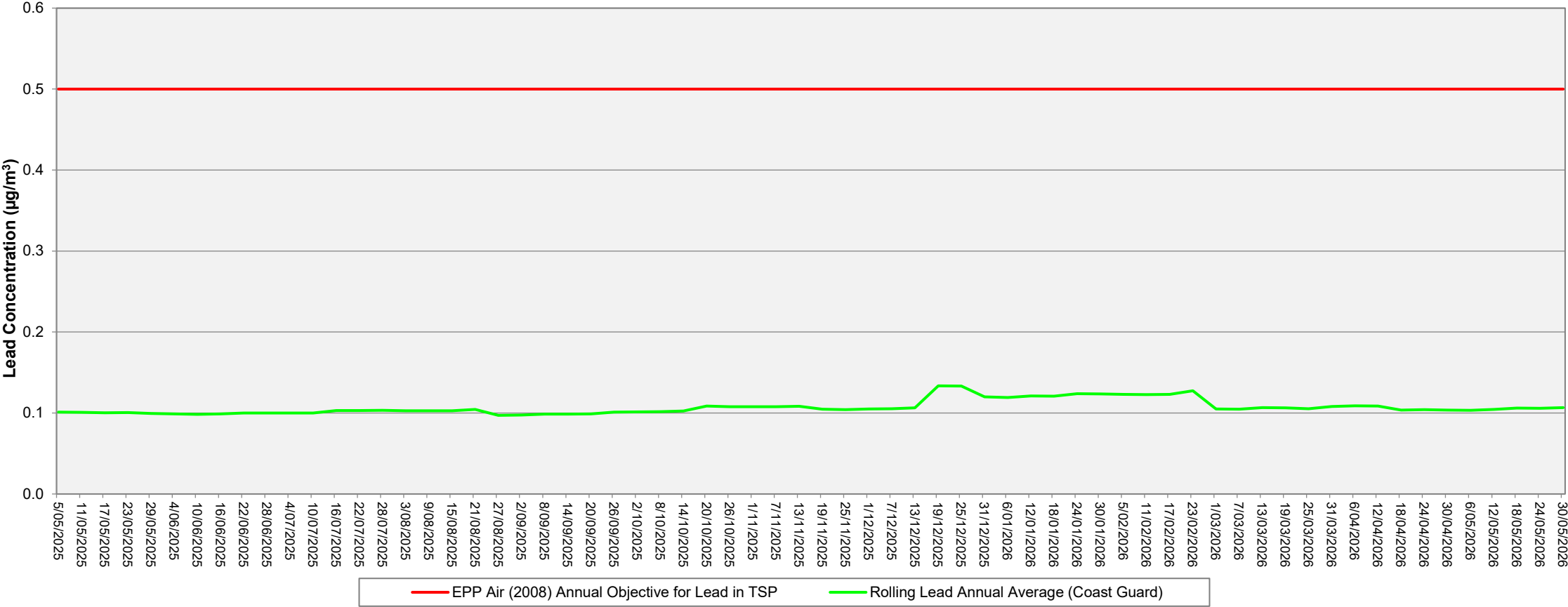
Send your enquiry or feedback to community@townsvilleport.com.au

Hi-Volume Sampler – General total dust levels (one in six days) at Coast Guard Site May 2025 – May 2026



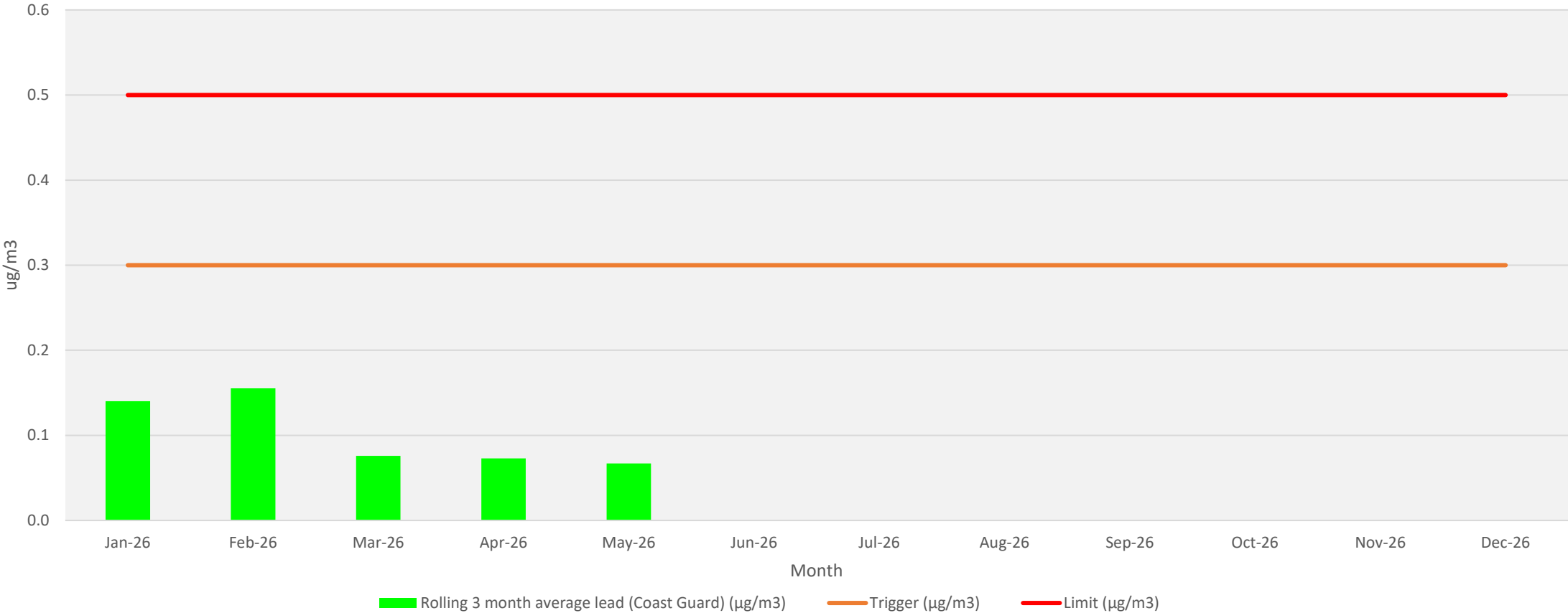
Note: TSP Concentration units = micrograms per cubic metre per 24-hour period
Rolling annual average = the moving average of the previous 11 results and the current result

Hi-Volume Sampler – Lead in dust levels (one in six days) at Coast Guard Site
May 2025 – May 2026



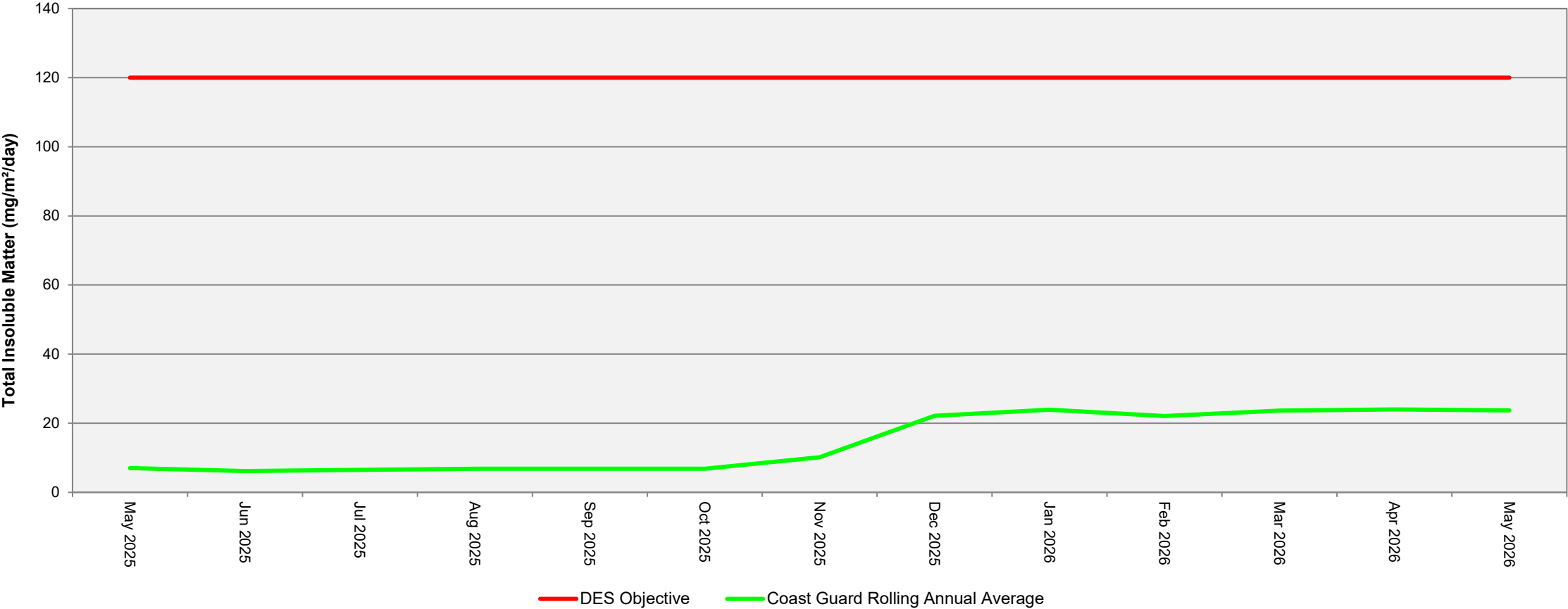
Note: Lead Concentration units = micrograms per cubic metre per 24-hour period
Rolling annual average = the moving average of the previous 11 results and the current result

Hi-Volume Sampler - Lead in dust levels (one in six days) at Coast Guard Site 2026



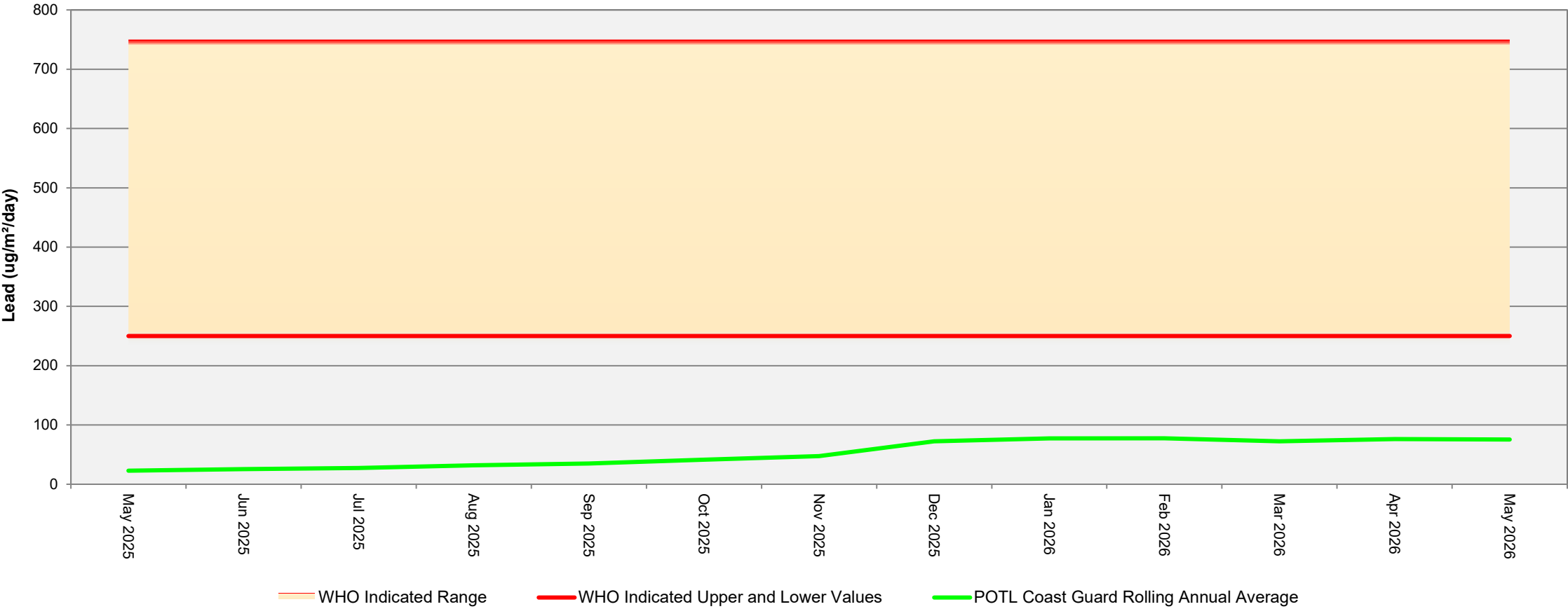
Note: Rolling 3-month average = the moving average of the previous 2 months and the current month result

Dust Deposition Gauge – General dust deposition levels (monthly) at Coast Guard Site May 2025 – May 2026



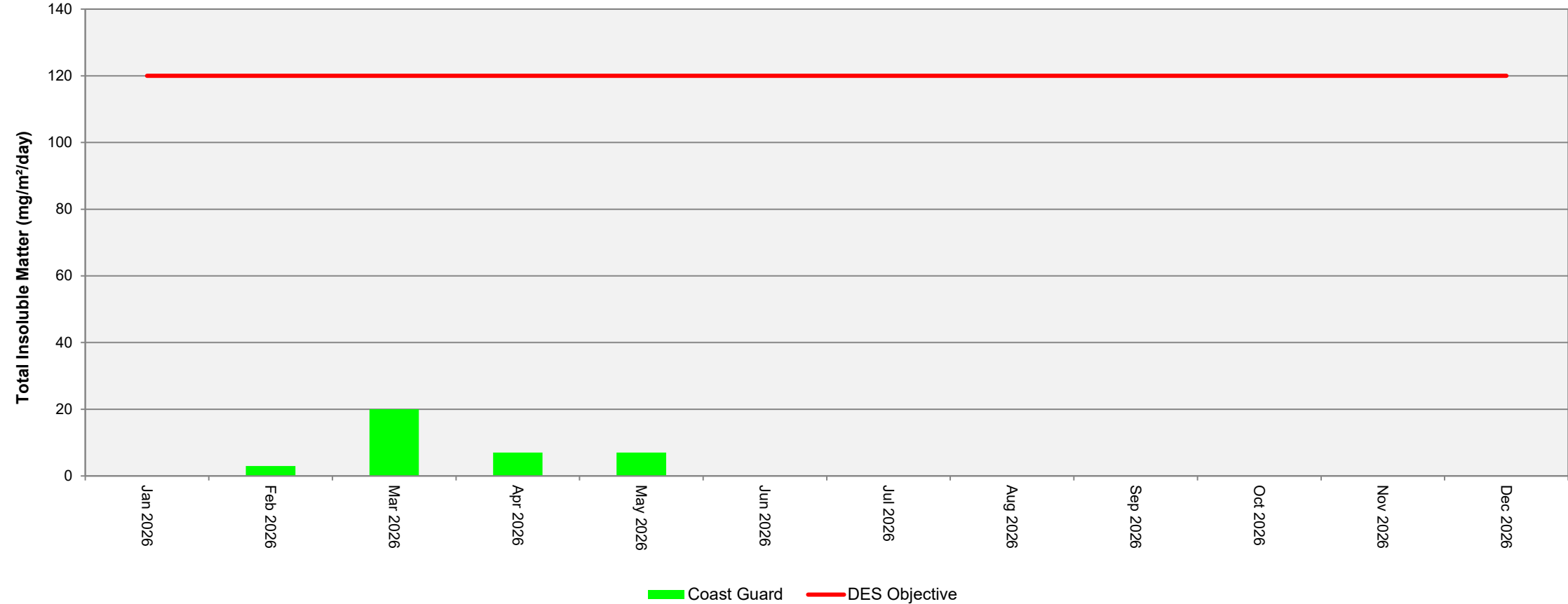
Note: Total Insoluble Matter Concentration units = micrograms per square metre per day
Rolling annual average = the moving average of the previous 11 results and the current result

Dust Deposition Gauge – Lead in dust deposition levels (monthly) at Coast Guard Site
May 2025 – May 2026



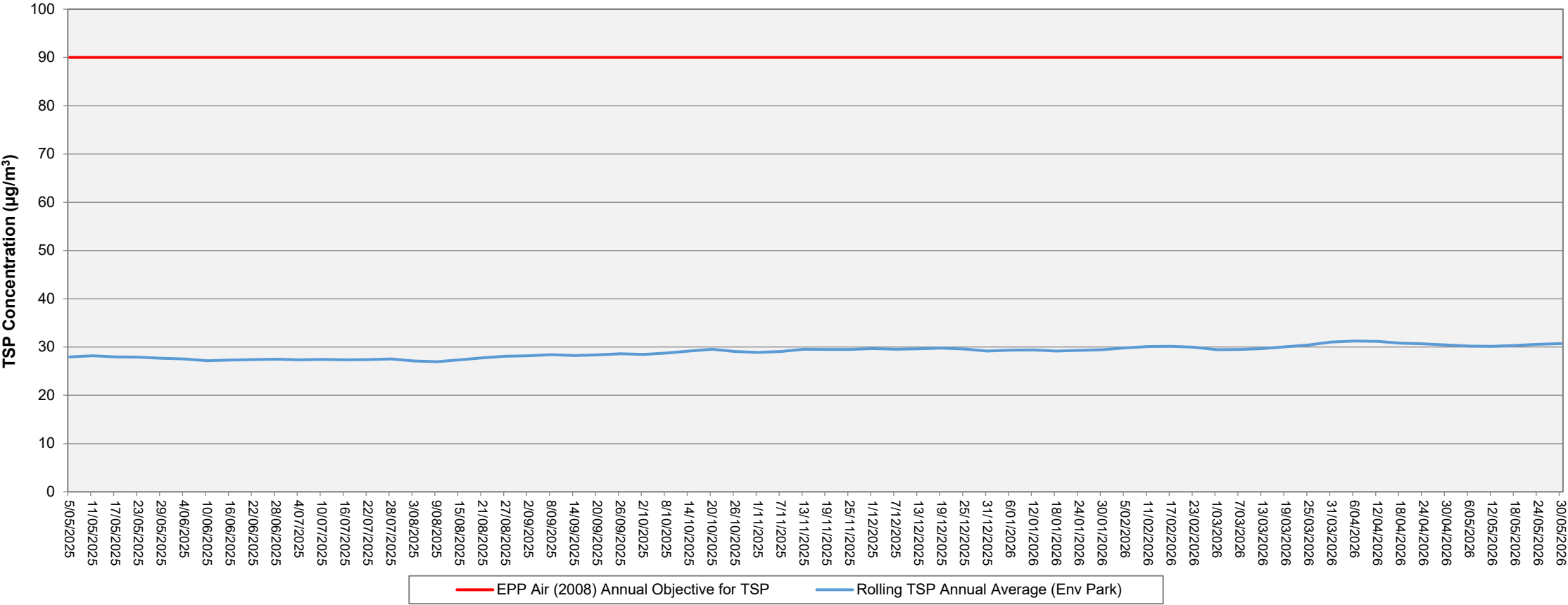
Note: Lead Concentration units = micrograms per square metre per day
Rolling annual average = the moving average of the previous 11 results and the current result.

Dust Deposition Gauge – General dust deposition levels (monthly) at Coast Guard Site 2026



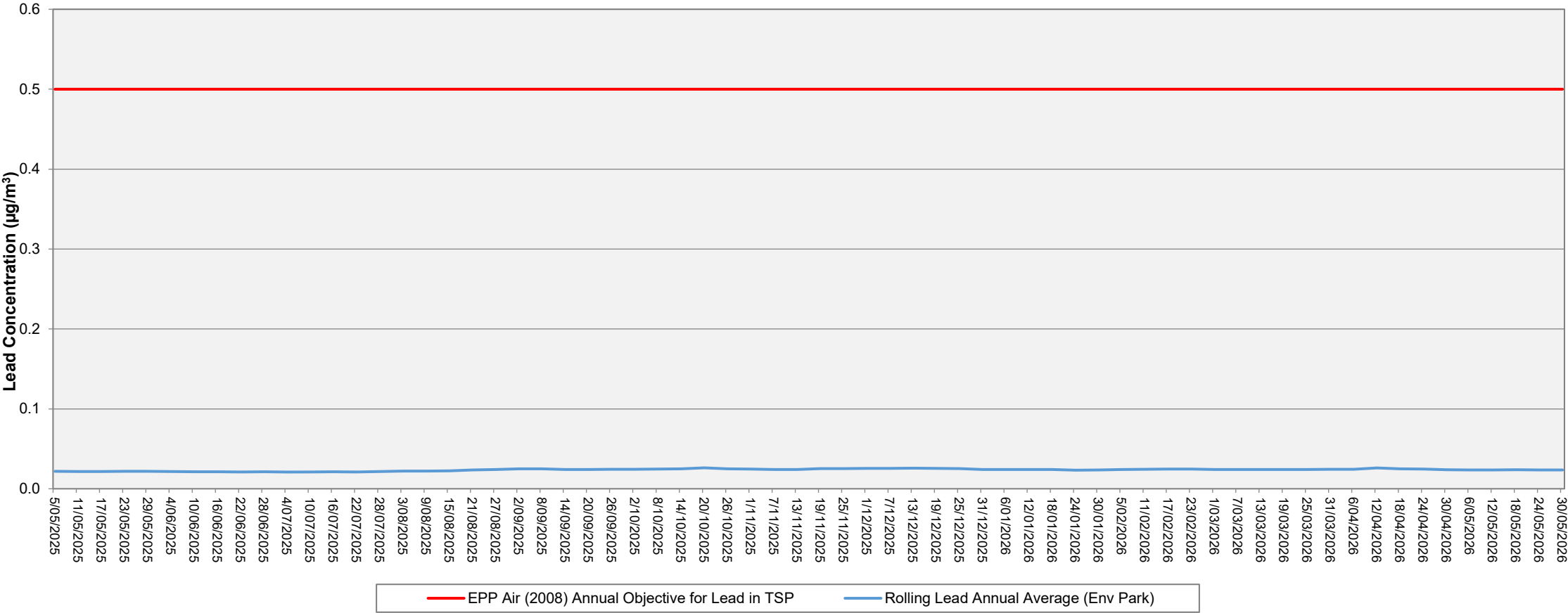
Note: Total Insoluble Matter Concentration units = milligrams per square metre per day.
January samples were removed from analysis due to Cyclone Koji

Hi-Volume Sampler - General total dust levels (one in six days) at Environment Park site
May 2025 – May 2026



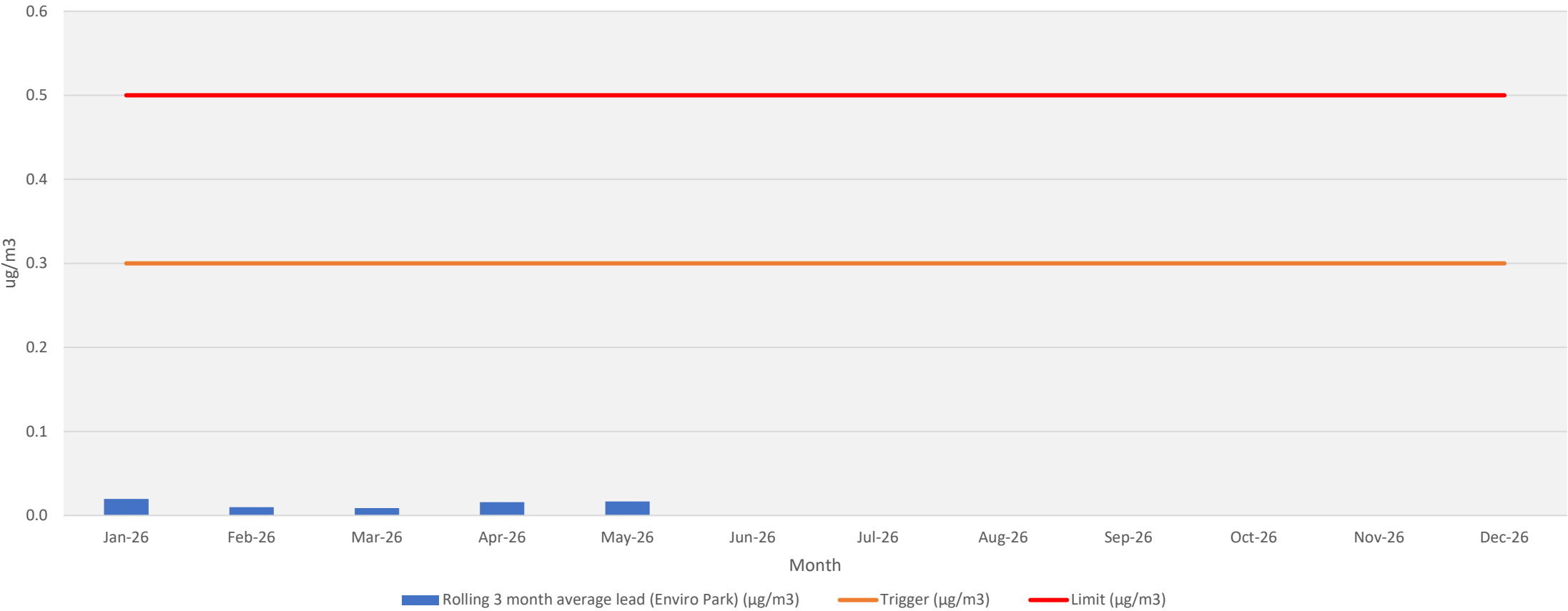
Note: TSP Concentration units = micrograms per cubic metre per 24-hour period
Rolling annual average = the moving average of the previous 11 results and the current result

Hi-Volume Sampler - Lead in dust levels (one in six days) at Environment Park site
May 2025 – May 2026



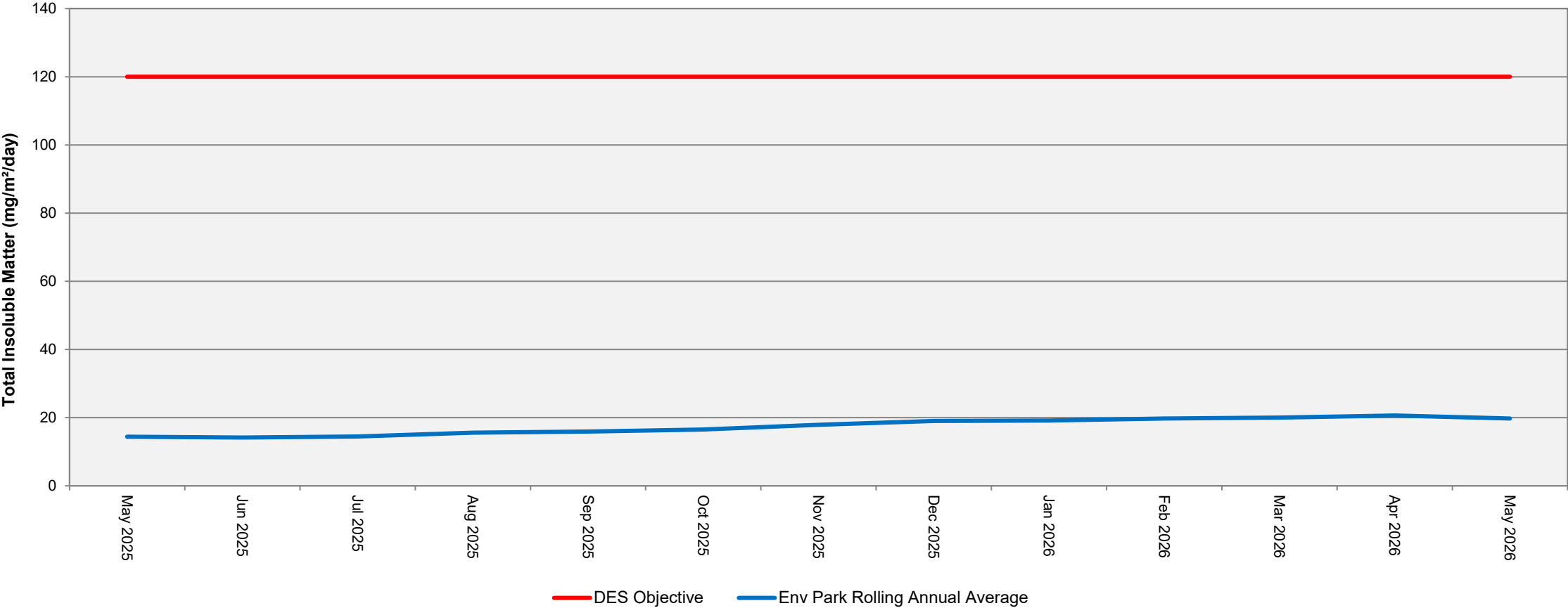
Note: Lead Concentration units = micrograms per cubic metre per 24-hour period
Rolling annual average = the moving average of the previous 11 results and the current result

Hi-Volume Sampler - Lead in dust levels (one in six days) at Environment Park site 2026



Note: Rolling 3-month average = the moving average of the previous 2 months and the current month result

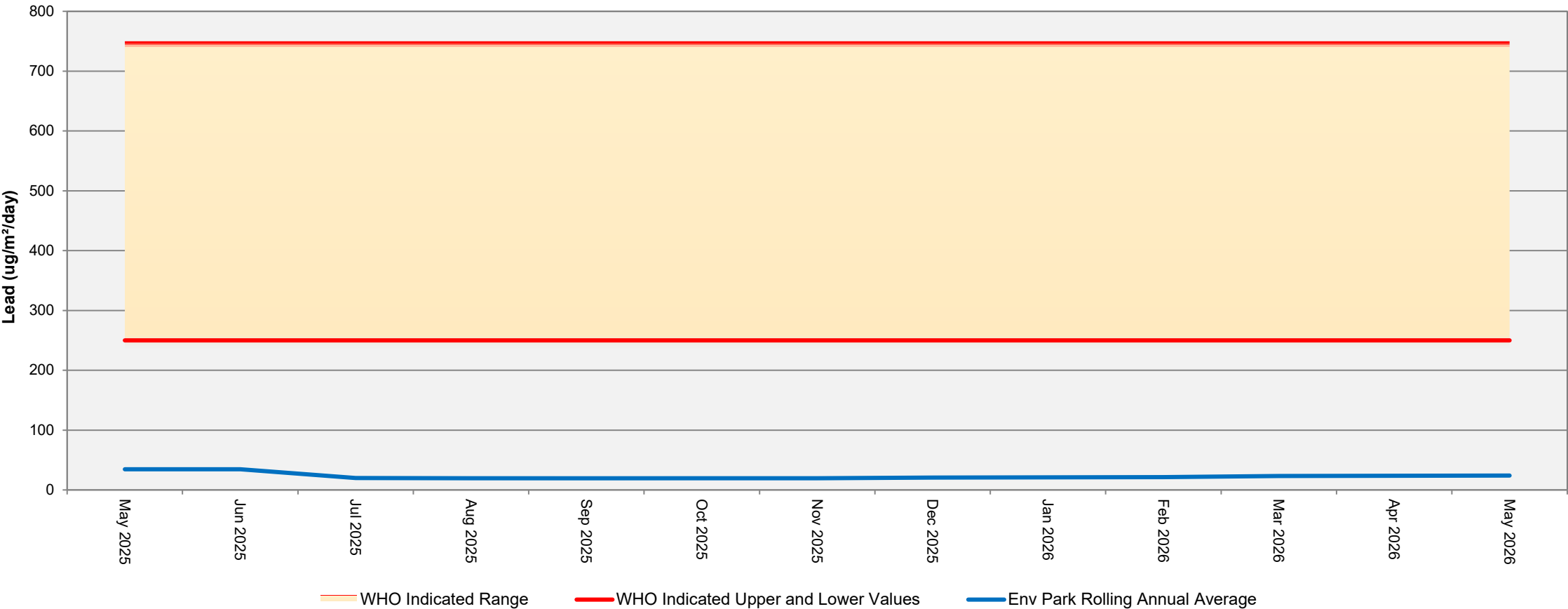
Dust Deposition Gauge - General dust deposition levels (monthly) at Environment Park site
May 2025 – May 2026



Note: Total Insoluble Matter Concentration units = micrograms per square metre per day
Rolling annual average = the moving average of the previous 11 results and the current result

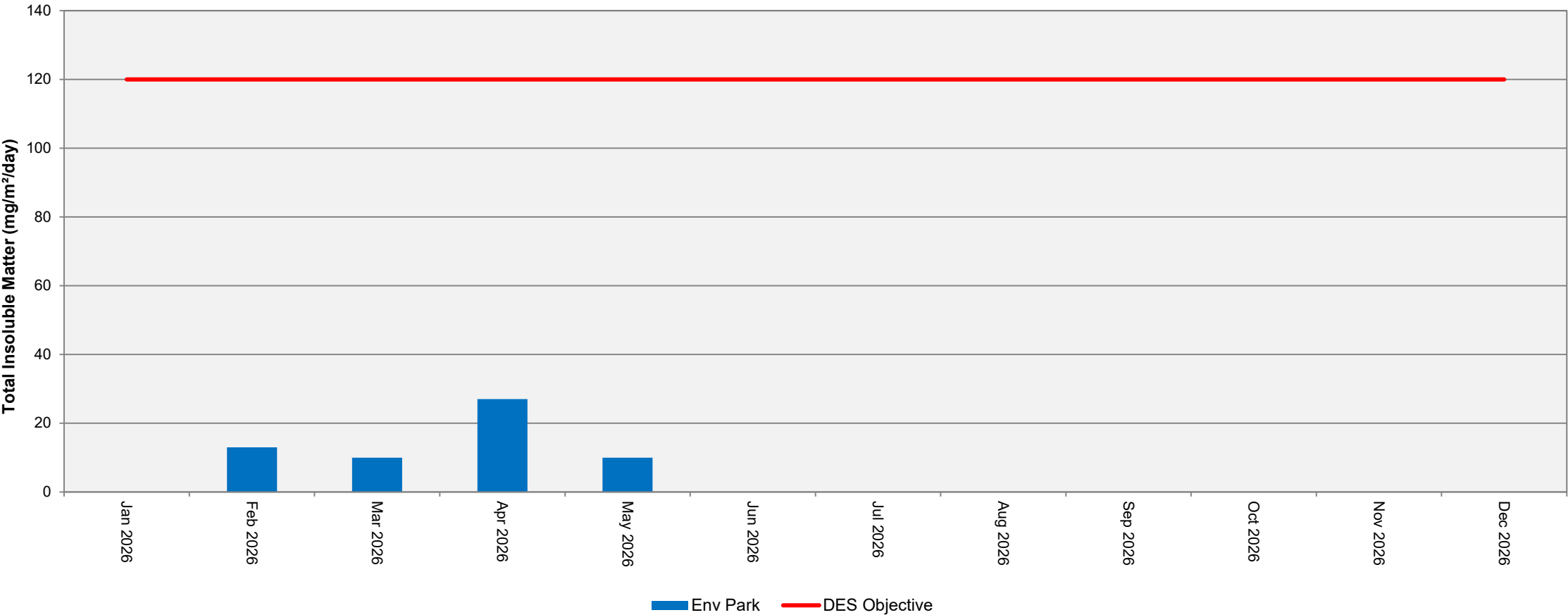
[Click here](#) for information on how to interpret this data

Dust Deposition Gauge – Lead in dust deposition levels (monthly) at Environment Park site
May 2025 – May 2026



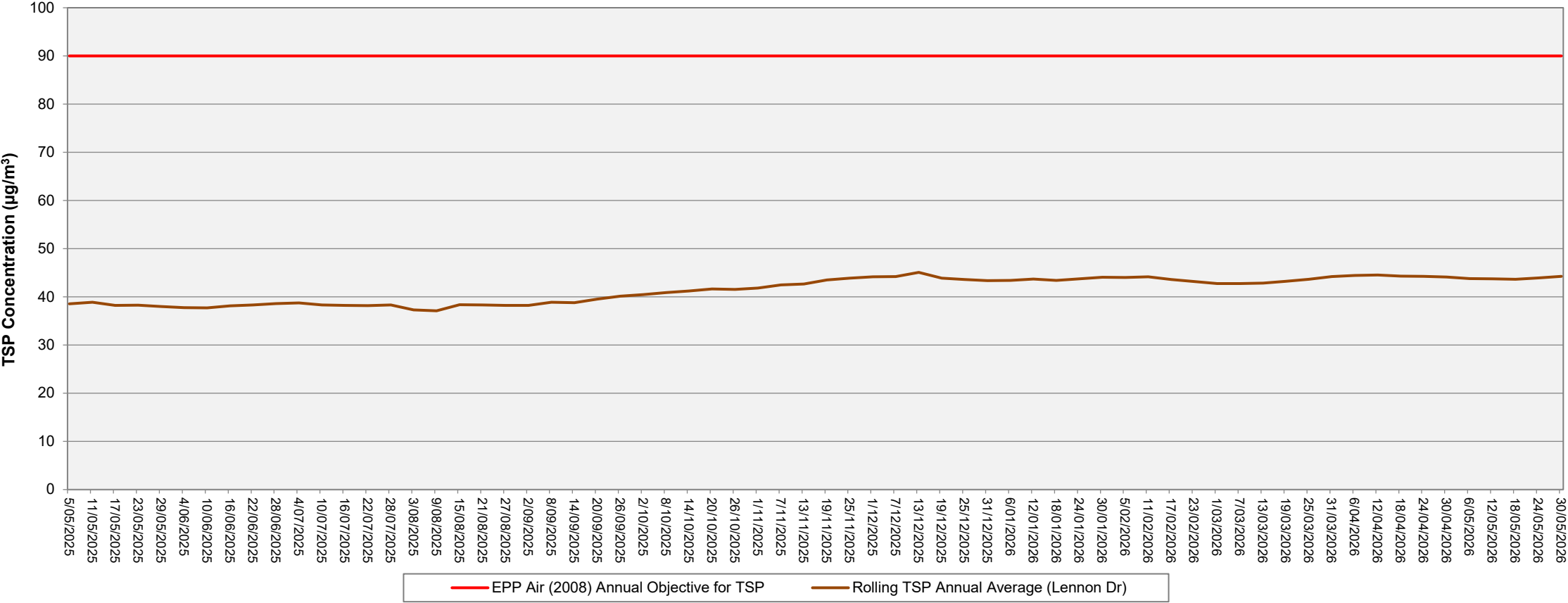
Note: Lead Concentration units = micrograms per square metre per day
Rolling annual average = the moving average of the previous 11 results and the current result

Dust Deposition Gauge – General dust deposition levels (monthly) at Environment Park Site
2026



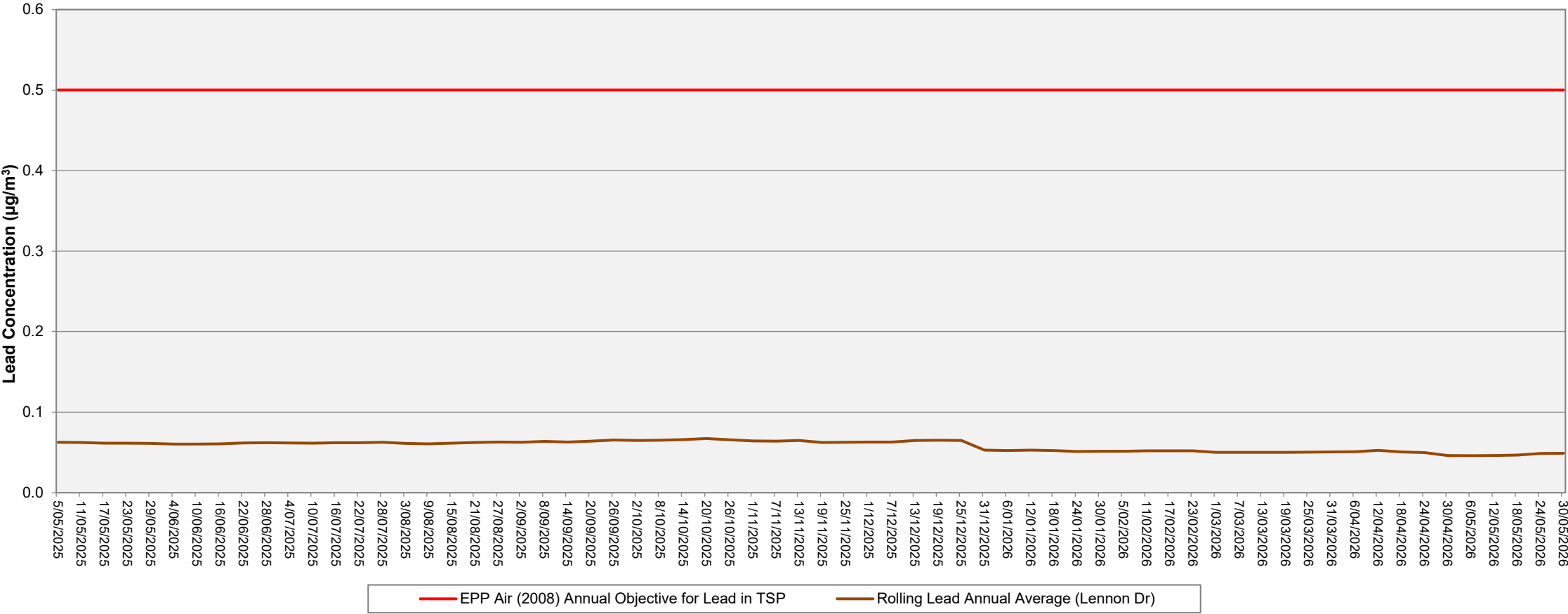
Note: Total Insoluble Matter Concentration units = milligrams per square metre per day
January samples were removed from analysis due to Cyclone Koji

Hi-Volume Sampler - General total dust levels (one in six days) at Lennon Drive site
May 2025 – May 2026



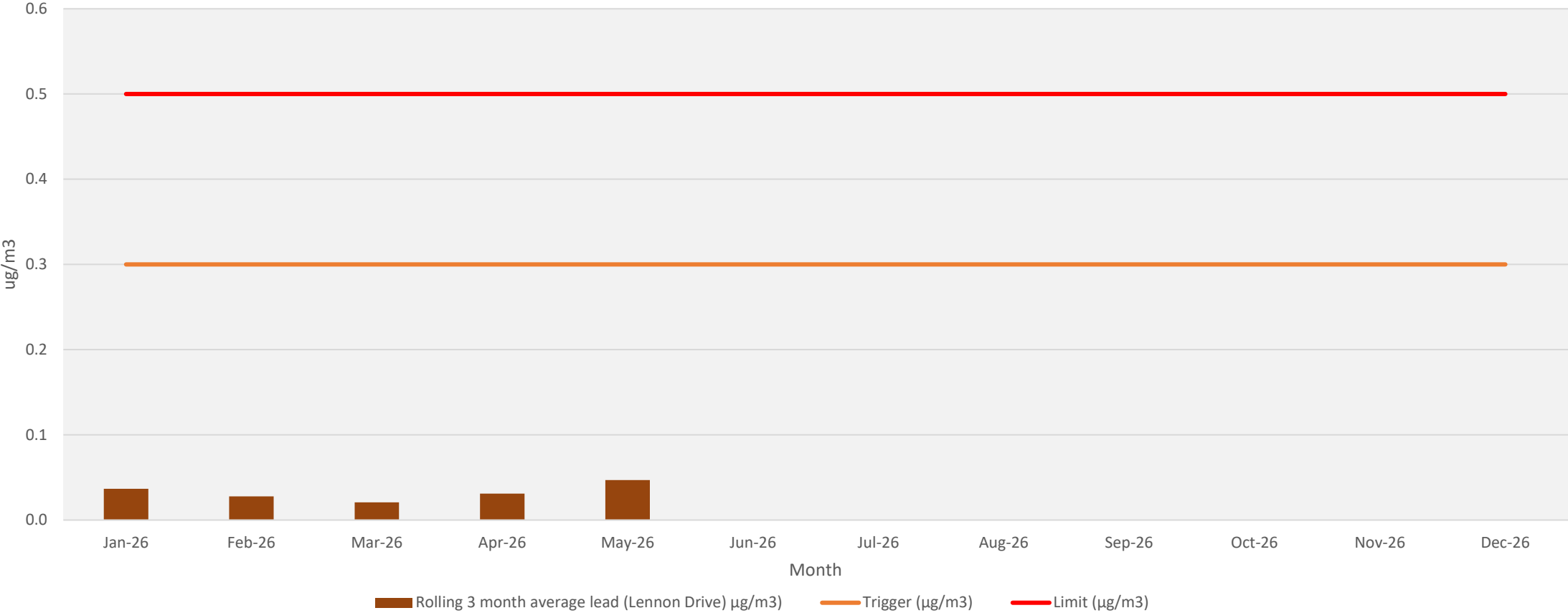
Note: TSP Concentration units = micrograms per cubic metre per 24-hour period
Rolling annual average = the moving average of the previous 11 results and the current result

Hi-Volume Sampler - Lead in dust levels (one in six days) at Lennon Drive Site
May 2025 – May 2026



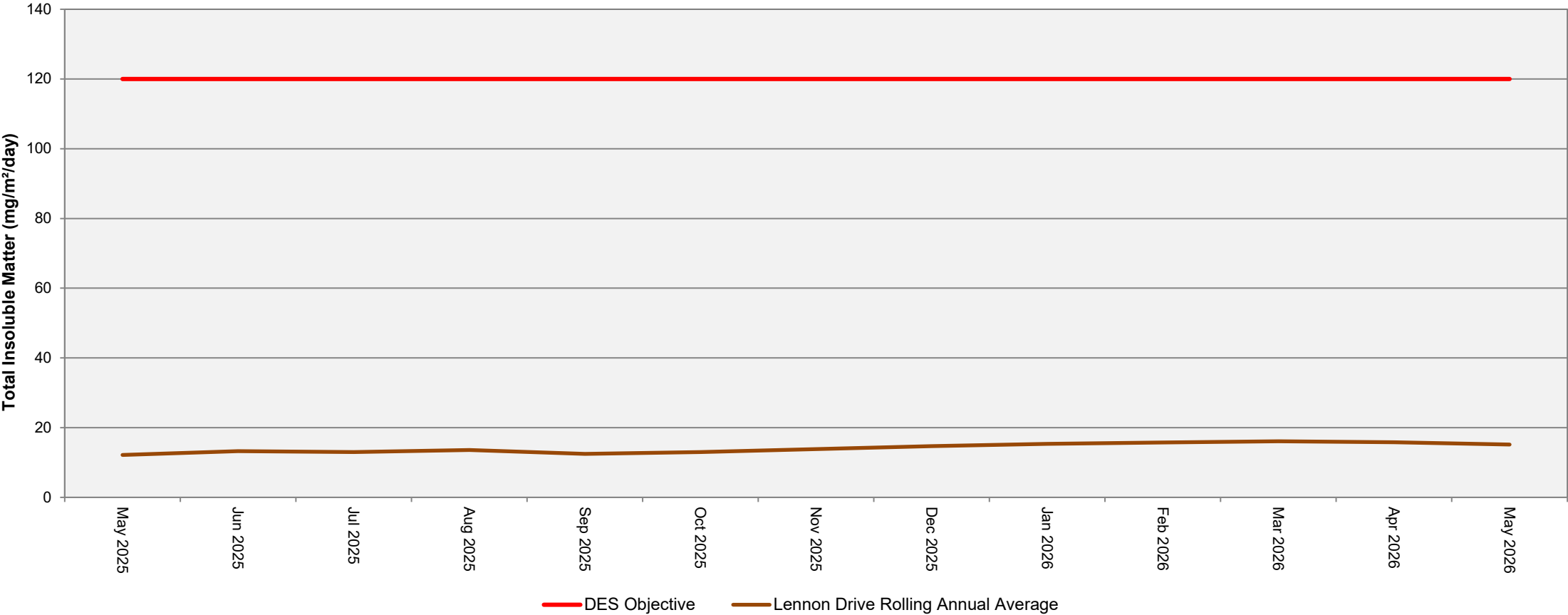
Note: Lead Concentration units = micrograms per cubic metre per 24-hour period
Rolling annual average = the moving average of the previous 11 results and the current result

Hi-Volume Sampler - Lead in dust levels (one in six days) at Lennon Drive Site 2026



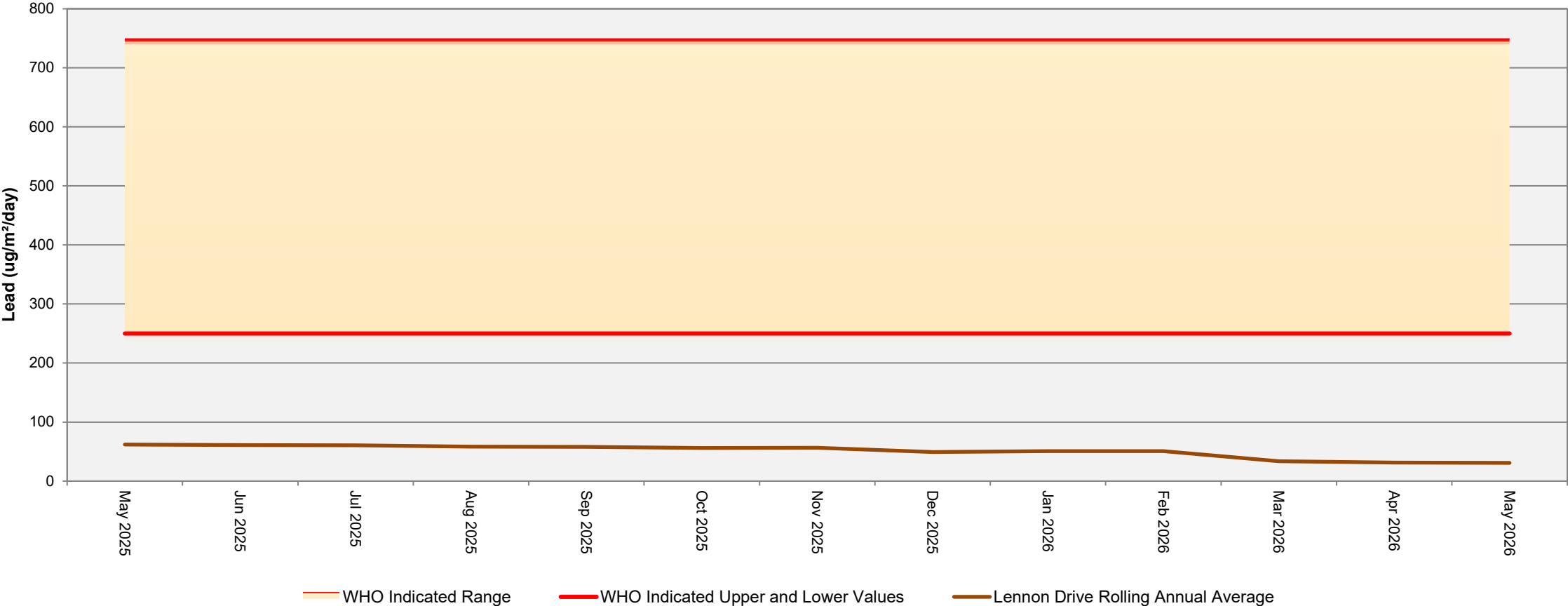
Note: Rolling 3-month average = the moving average of the previous 2 months and the current month result

Dust Deposition Gauge - General dust deposition levels (monthly) at Lennon Drive Site
May 2025 – May 2026



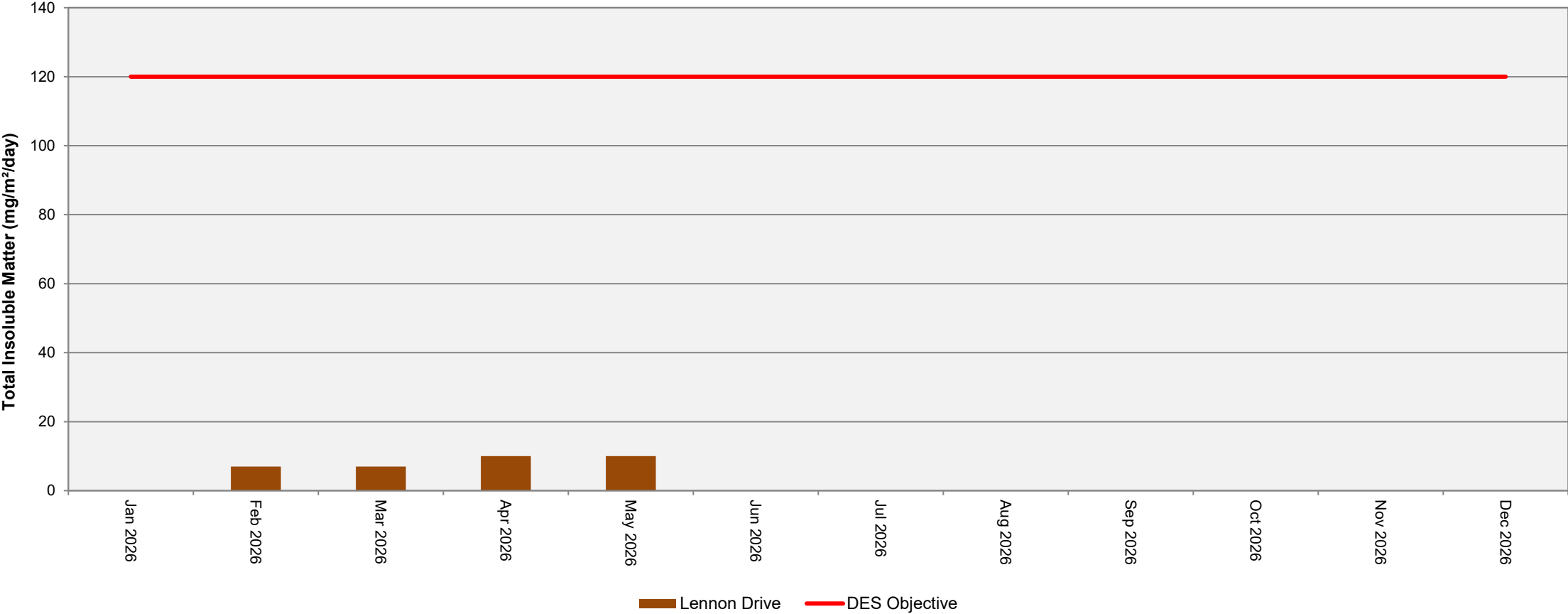
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Dust Deposition Gauge – Lead in dust deposition levels (monthly) at Lennon Drive Site
May 2025 – May 2026



Note: Lead Concentration units = micrograms per square metre per day
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Dust Deposition Gauge – General dust deposition levels (monthly) at Lennon Drive Site 2026



Note: Total Insoluble Matter Concentration units = milligrams per square metre per day
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This statement/advice was provided by Queensland Health in relation to blood lead levels in Townsville in April 2016

Environmental limits for lead are set using a number of possible criteria including potential health effects.

Blood lead level within the Australian population have been decreasing over time as the use of lead – particularly in petrol and paint - has been phased put. The most recent NHMRC guidance document suggests that a blood lead level of less than 5 µg/dL is what should be expected in the general population.

Elevated blood lead levels are notified to Queensland Health for investigation. Previously this level was 10 µg/dL but since the beginning of 2016 has been reduced to 5 µg/dL. This is not an indication of a safe blood level, but is a trigger level that requires investigation into what in the individual's environment is contributing to the level.

Based on studies recognised by the World Health Organisation into the relationship between lengthy exposure to ambient air lead levels and increases in blood lead levels, the current 12 month rolling average for measurements (as at March 2016) at the Townsville Coast Guard Site could be expected to add between 0.36 µg/dL and 0.6 µg/dL to a person's total blood lead level. This increment is only about 10% of the level that would require further investigation. Along with other normal exposure, this would not be expected to exceed that level, is well within the expected community range, and below the level that would trigger further investigation.

The highest rolling annual average in recent years (recorded in May 2014 at the Townsville Coast Guard Site) yields a predicted result of between 1.14 µg/dL and 1.9 µg/dL, still well under the level which should trigger concern.