

Air Quality Dashboard | June | 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

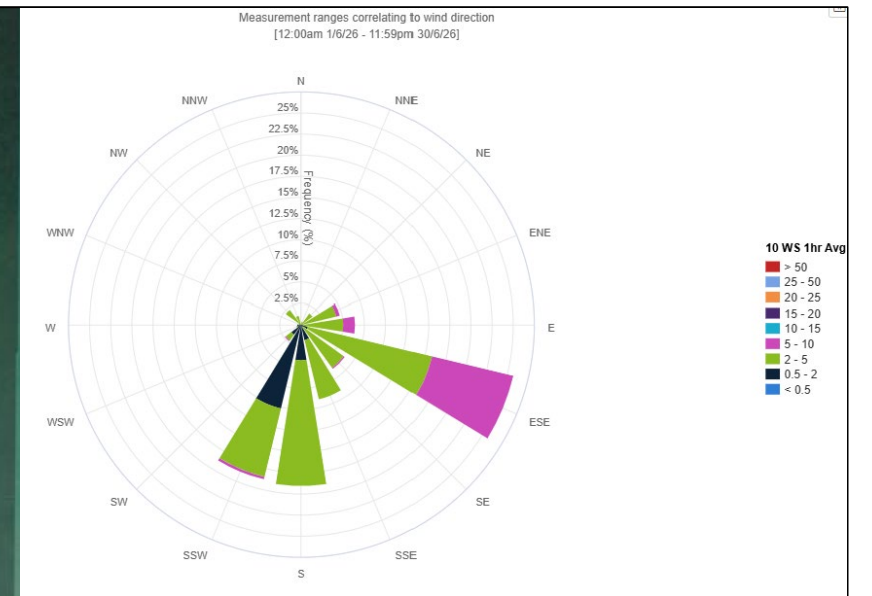
Live Shipping
Schedule

Rainfall Data -
BOM

Air Quality
Monitoring Plan



Air Quality Monitoring Locations



Shipping Movements in June 2026

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

Date In/Out	Vessel Name	Cargo	Berth
28 May 2026 - 04 Jun 2026	OREGON HARMONY	COPPER CONCENTRATES (IMPORT) ZINC CONCENTRATES (EXPORT)	3 STH
30 May 2026 - 02 Jun 2026	THERESA MICRONESIA	MOLASSES (EXPORT)	8
31 May 2026 - 01 Jun 2026	MP MR TANKER 3	FUELS (IMPORT)	1
31 May 2026 - 02 Jun 2026	STR VIGOR	SUGAR (EXPORT)	9
01 Jun 2026 - 02 Jun 2026	DAIWAN HERO	CONCENTRATES (EXPORT)	11
01 Jun 2026 - 02 Jun 2026	SAN GIORGIO	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
02 Jun 2026 - 04 Jun 2026	CAPRICORNUS LEADER	MOTOR VEHICLES (IMPORT)	10
03 Jun 2026 - 03 Jun 2026	LUGA	CEMENT (IMPORT)	4
03 Jun 2026 - 05 Jun 2026	KOTA GABUNG	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
04 Jun 2026 - 09 Jun 2026	TATUNG	SUGAR (EXPORT)	9
04 Jun 2026 - 09 Jun 2026	MANOLATES	FUELS (IMPORT)	1
05 Jun 2026 - 07 Jun 2026	EVIAN	LEAD INGOTS (EXPORT)	3 STH
05 Jun 2026 - 07 Jun 2026	LUGA	CEMENT (IMPORT)	4
06 Jun 2026 - 08 Jun 2026	TIENTSIN	FERTILIZER (EXPORT)	8
08 Jun 2026 - 09 Jun 2026	UNION FUJI	UREA (IMPORT)	10
09 Jun 2026 - 12 Jun 2026	KEN MOONYS	ZINC CONCENTRATES (EXPORT)	3 STH
09 Jun 2026 - 10 Jun 2026	WONDERFUL SW	SUGAR (EXPORT)	9
11 Jun 2026 - 14 Jun 2026	CAPE BONAVISTA	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
12 Jun 2026 - 18 Jun 2026	ADF	ARMY EQUIPMENT (EXPORT)	10
14 Jun 2026 - 15 Jun 2026	ANL DHAMBI	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
15 Jun 2026 - 17 Jun 2026	KYOWA ORCHID	TYRES (IMPORT)	3 NTH
16 Jun 2026 - 17 Jun 2026	YONG AO	FUELS (IMPORT)	1
17 Jun 2026 - 18 Jun 2026	FIJI CHIEF	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
18 Jun 2026 - 18 Jun 2026	CANADIAN HIGHWAY	MOTOR VEHICLES (IMPORT)	3 NTH
18 Jun 2026 - 20 Jun 2026	GEM SAPPHIRE	FUELS (IMPORT)	1
19 Jun 2026 - 21 Jun 2026	LUGA	CEMENT (IMPORT)	4
19 Jun 2026 - 21 Jun 2026	UM MOGAMI	ZINC CONCENTRATES (EXPORT)	10
23 Jun 2026 - 24 Jun 2026	DELINA	CONCENTRATES (EXPORT)	11
23 Jun 2026 - 27 Jun 2026	AFRICAN CORMORANT	SULPHUR (IMPORT)	10
24 Jun 2026 - 26 Jun 2026	DELINA	CONCENTRATES (EXPORT)	4
25 Jun 2026 - 28 Jun 2026	HTK GALAXY	FERTILIZER (EXPORT)	8
26 Jun 2026 - 27 Jun 2026	DA TAI SHAN	BITUMEN (IMPORT)	4
27 Jun 2026 - 28 Jun 2026	CELANDINE	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	3 NTH
27 Jun 2026 - 28 Jun 2026	GUANG ZHOU WAN	BITUMEN (IMPORT)	1
28 Jun 2026 - 29 Jun 2026	NORD VANTAGE	FUELS (IMPORT)	1



Port of Townsville Overview

First established in 1864, the Port of Townsville operates eight berths handling over 30 commodities, supporting over \$10 billion in annual trade, servicing more than 136 ports around the globe. This activity plays a vital role in Queensland's economy, sustaining jobs, investment and industry across Northern Australia.

The role of mining, resources and agricultural industries have never been more significant with our growth primarily driven by exports of mineral concentrates, fertiliser and livestock. 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.

Approximately 7 million tonnes of cargo and commodities passes over Townsville Port berths each year including:

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).

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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.

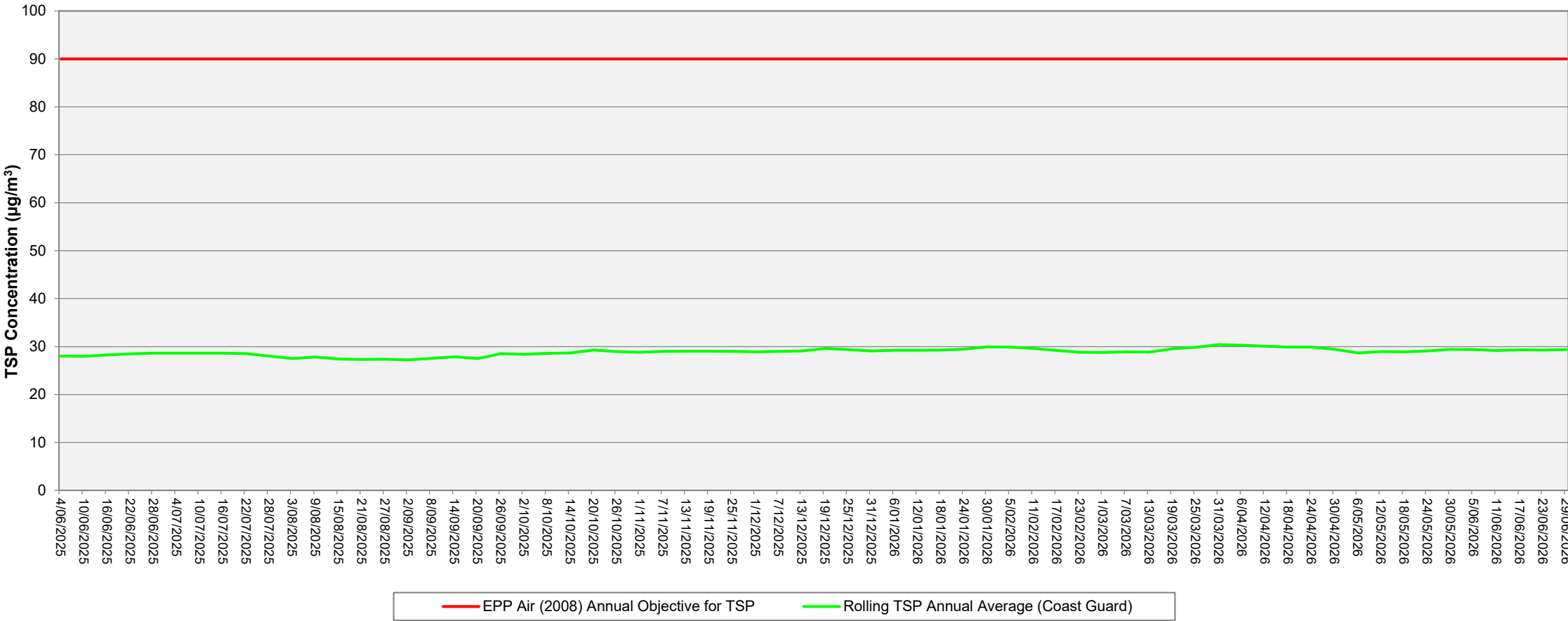
OR

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

Ask a Question / Provide Feedback

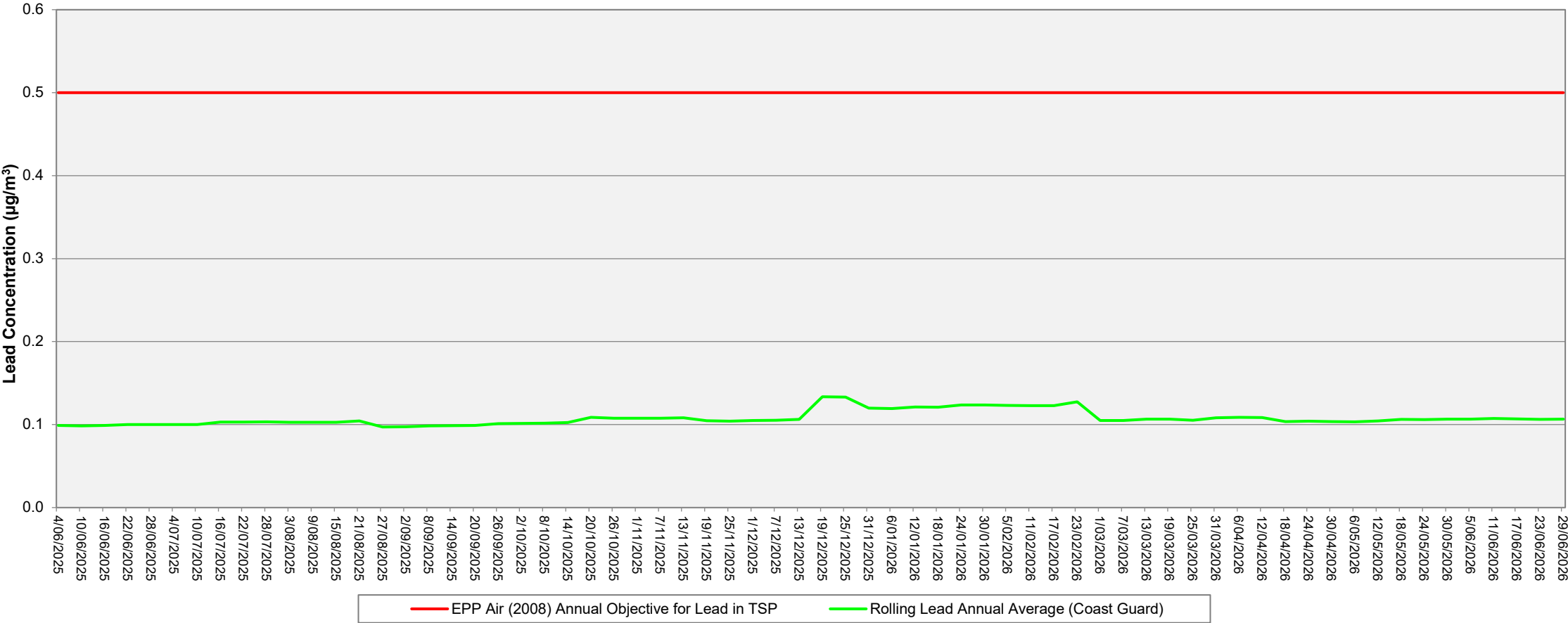
Send your enquiry or feedback to community@townsvilleport.com.au

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



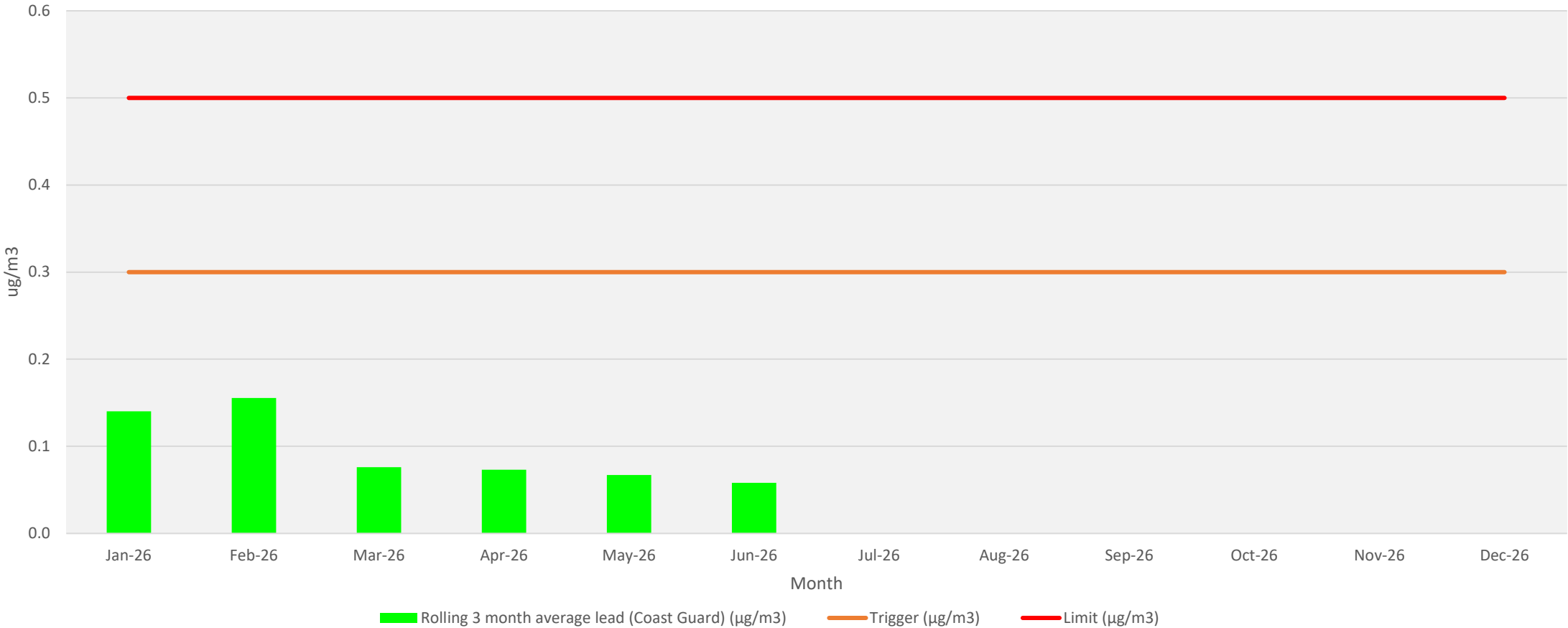
Note: TSP Concentration units = micrograms per cubic metre per 24-hour period
Rolling annual average = the moving average of the previous 11 results and the current result

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



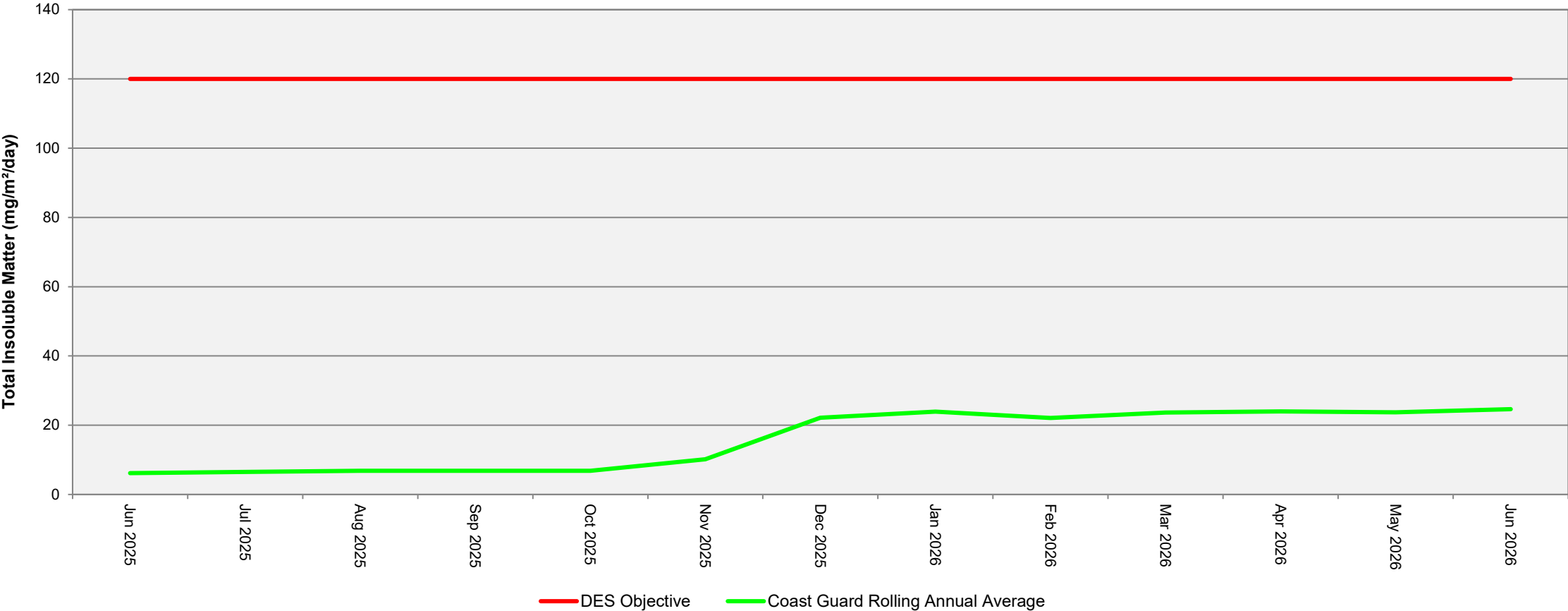
Note: Lead Concentration units = micrograms per cubic metre per 24-hour period
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Hi-Volume Sampler - Lead in dust levels (one in six days) at Coast Guard Site 2026



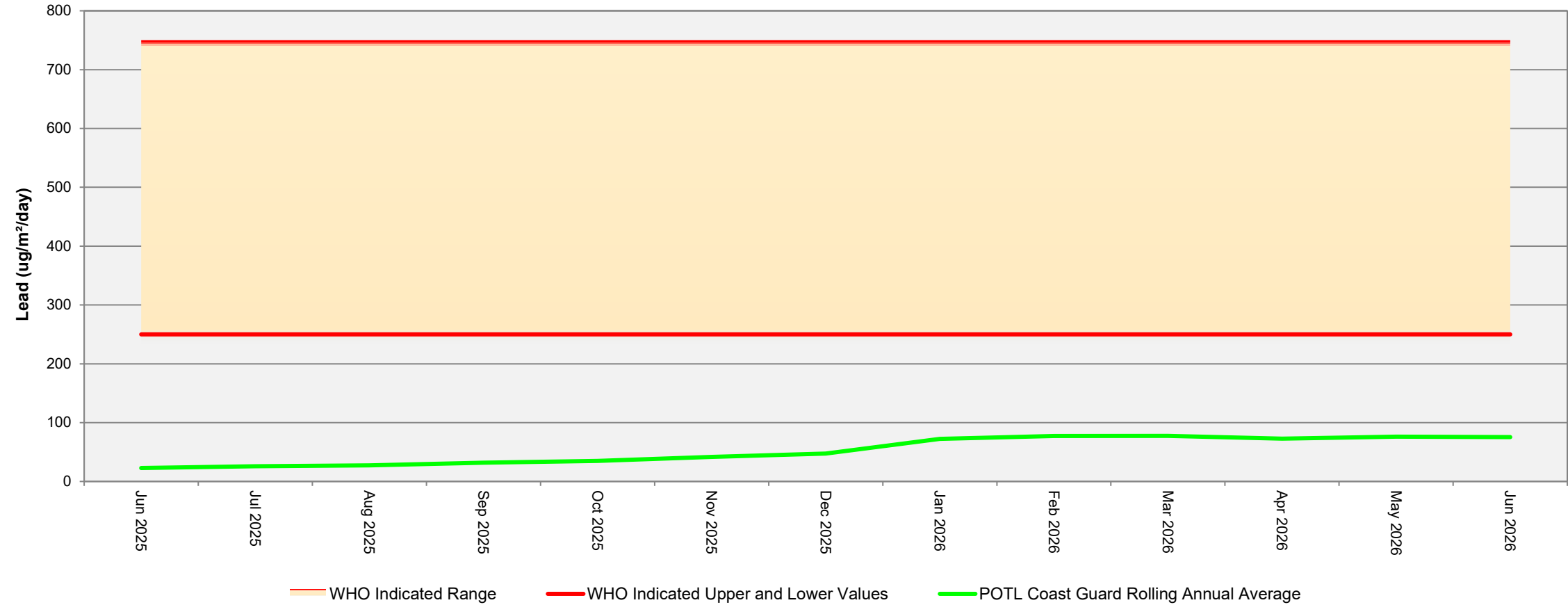
Note: Rolling 3-month average = the moving average of the previous 2 months and the current month result

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



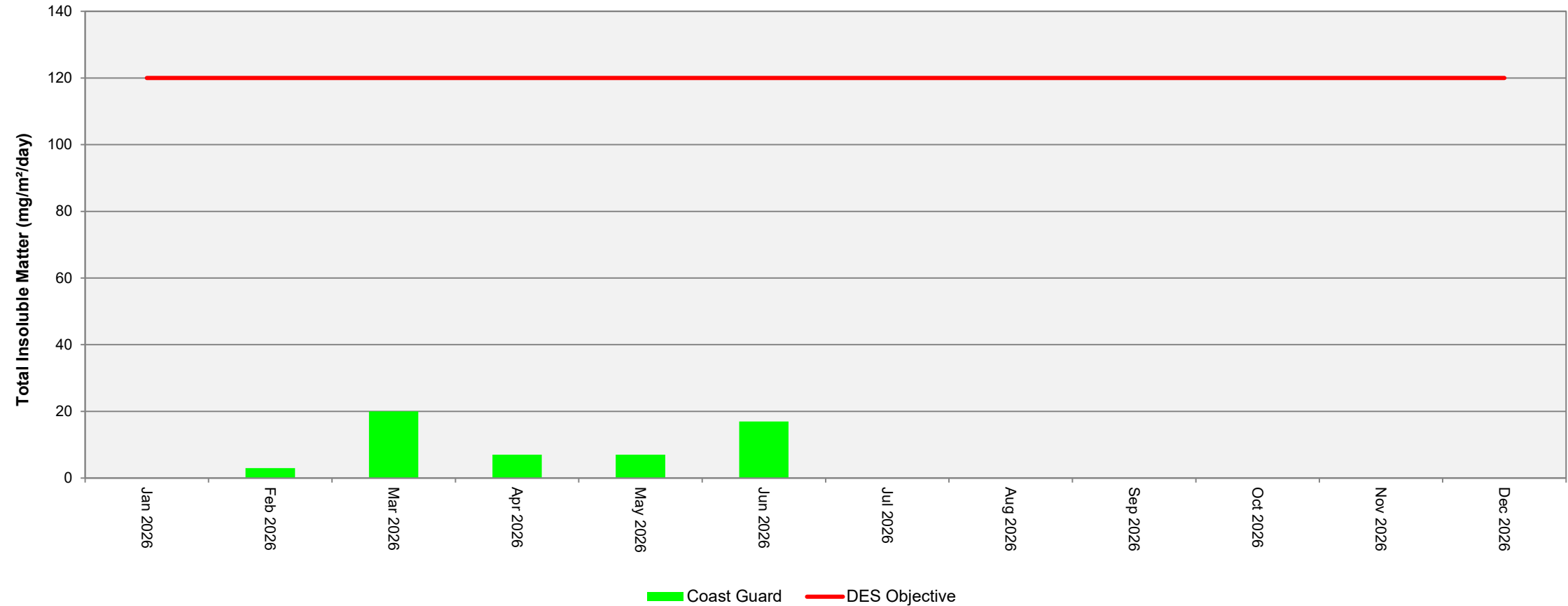
Note: Total Insoluble Matter Concentration units = micrograms per square metre per day
Rolling annual average = the moving average of the previous 11 results and the current result

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



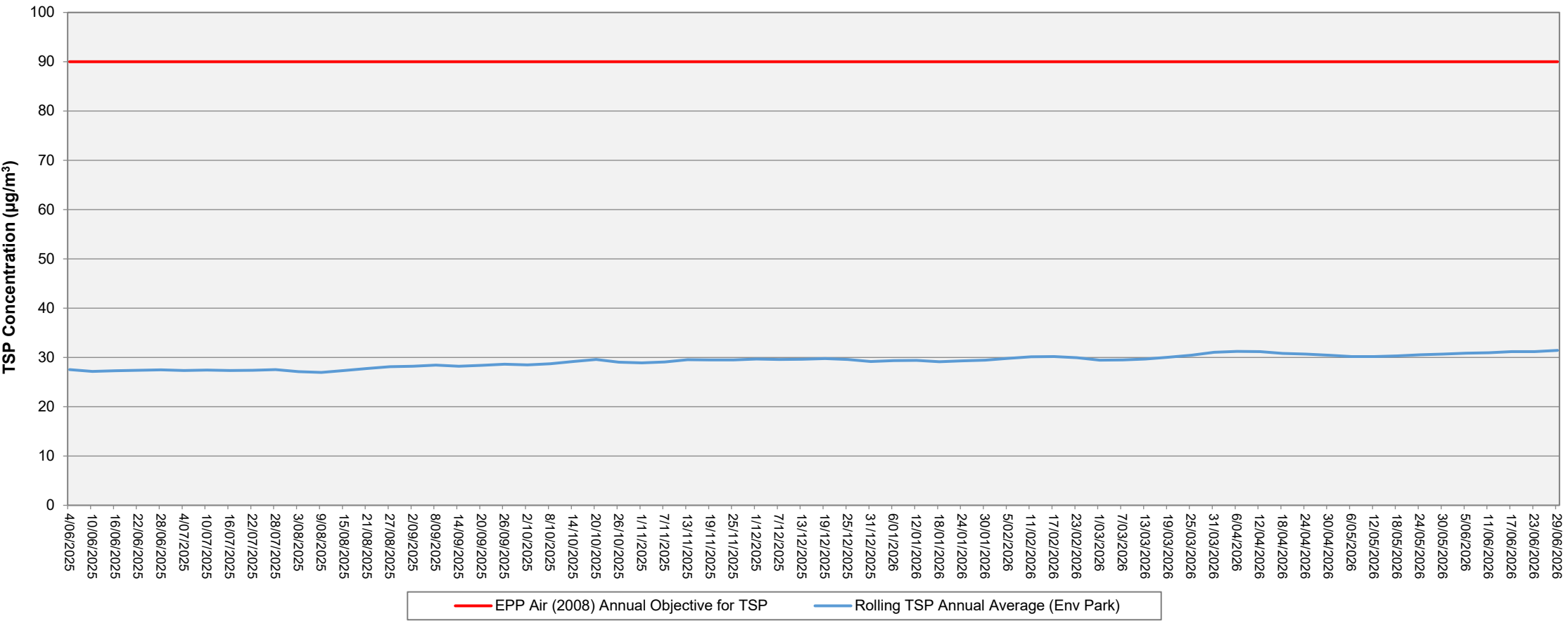
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Dust Deposition Gauge – General dust deposition levels (monthly) at Coast Guard Site 2026



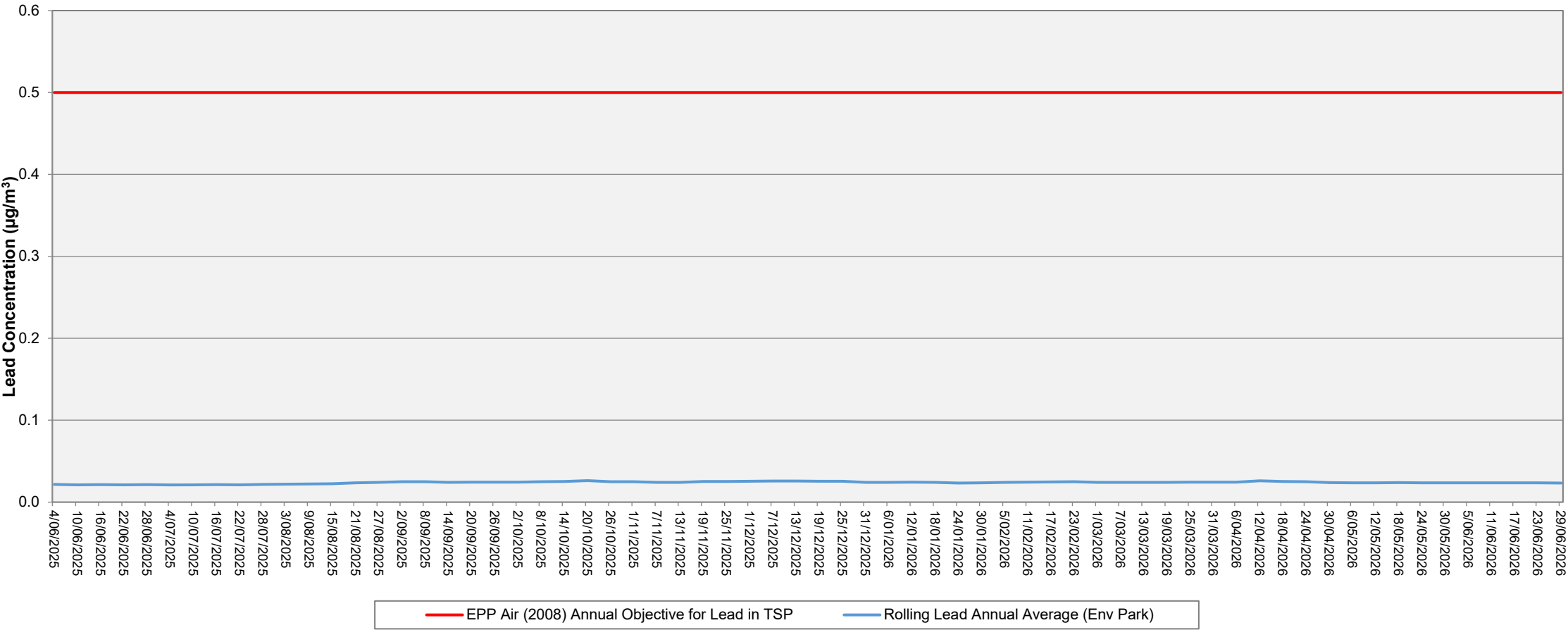
Note: Total Insoluble Matter Concentration units = milligrams per square metre per day.
January samples were removed from analysis due to Cyclone Koji

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



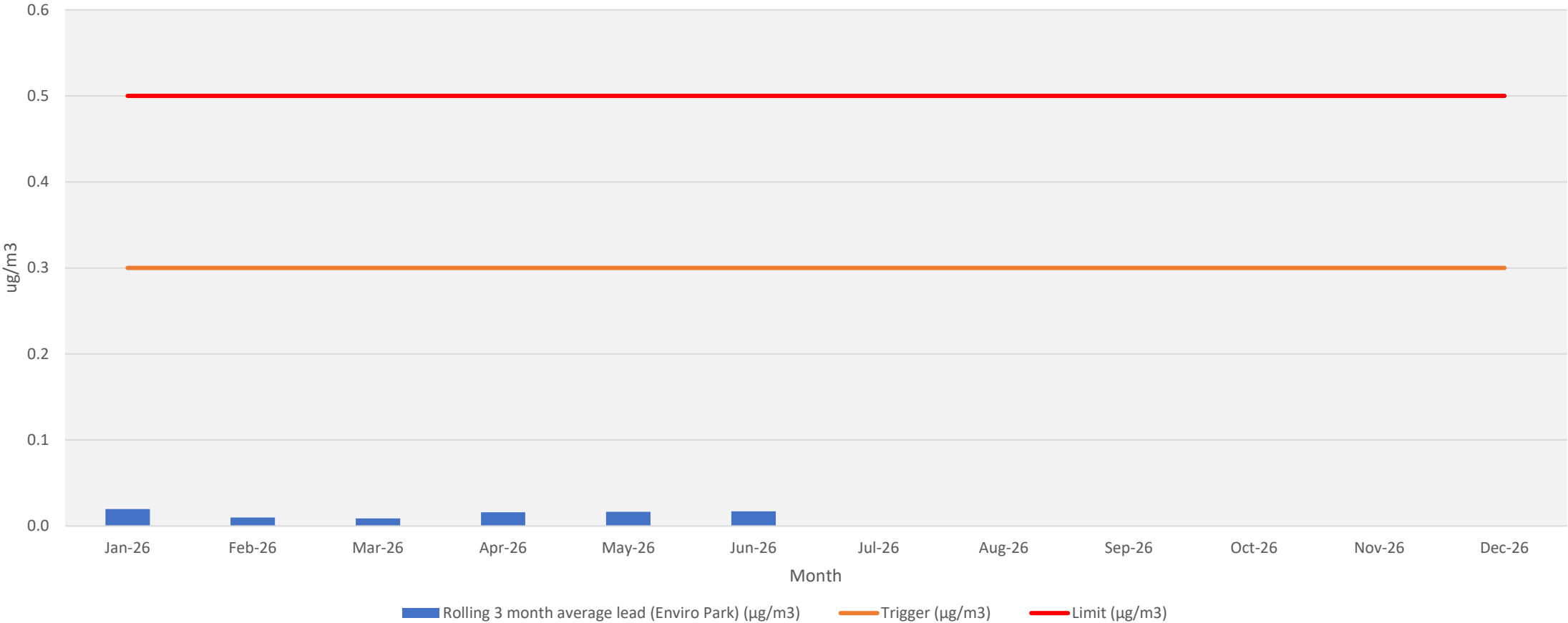
Note: TSP Concentration units = micrograms per cubic metre per 24-hour period
Rolling annual average = the moving average of the previous 11 results and the current result

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



Note: Lead Concentration units = micrograms per cubic metre per 24-hour period
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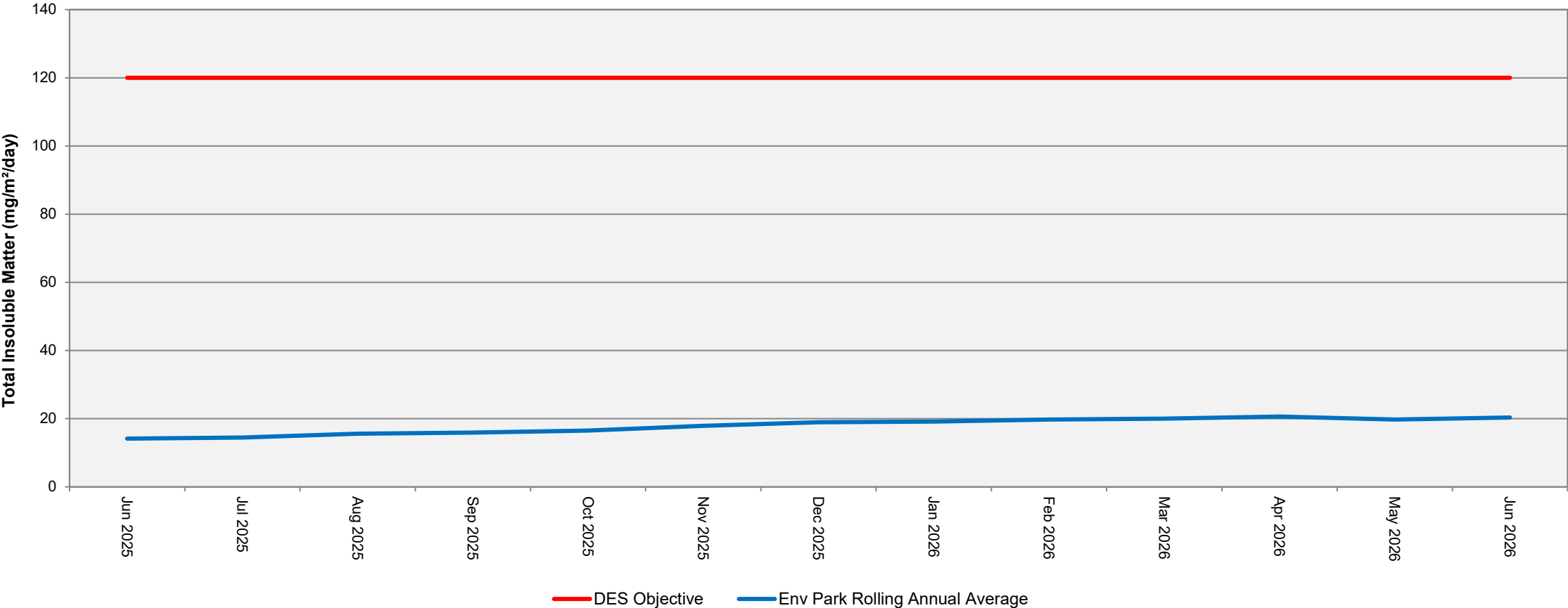
Hi-Volume Sampler - Lead in dust levels (one in six days) at Environment Park site 2026



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

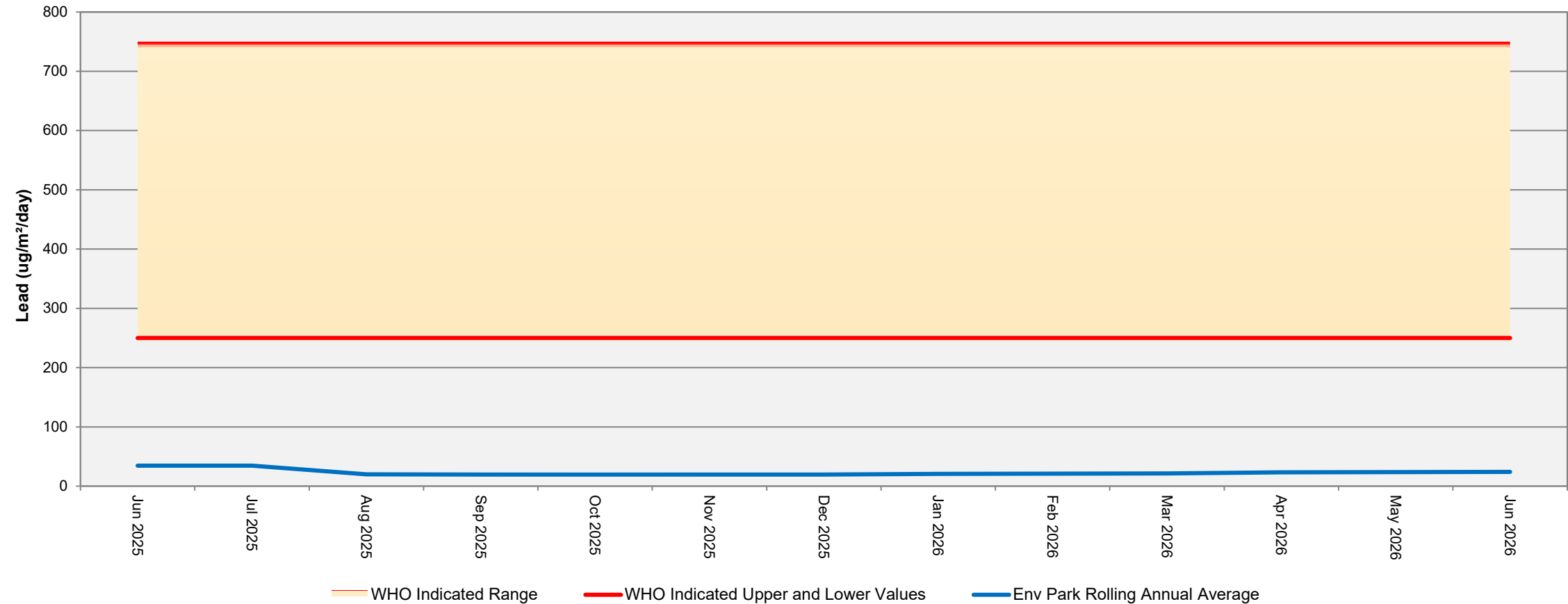
[Click here](#) for information on how to interpret this data

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



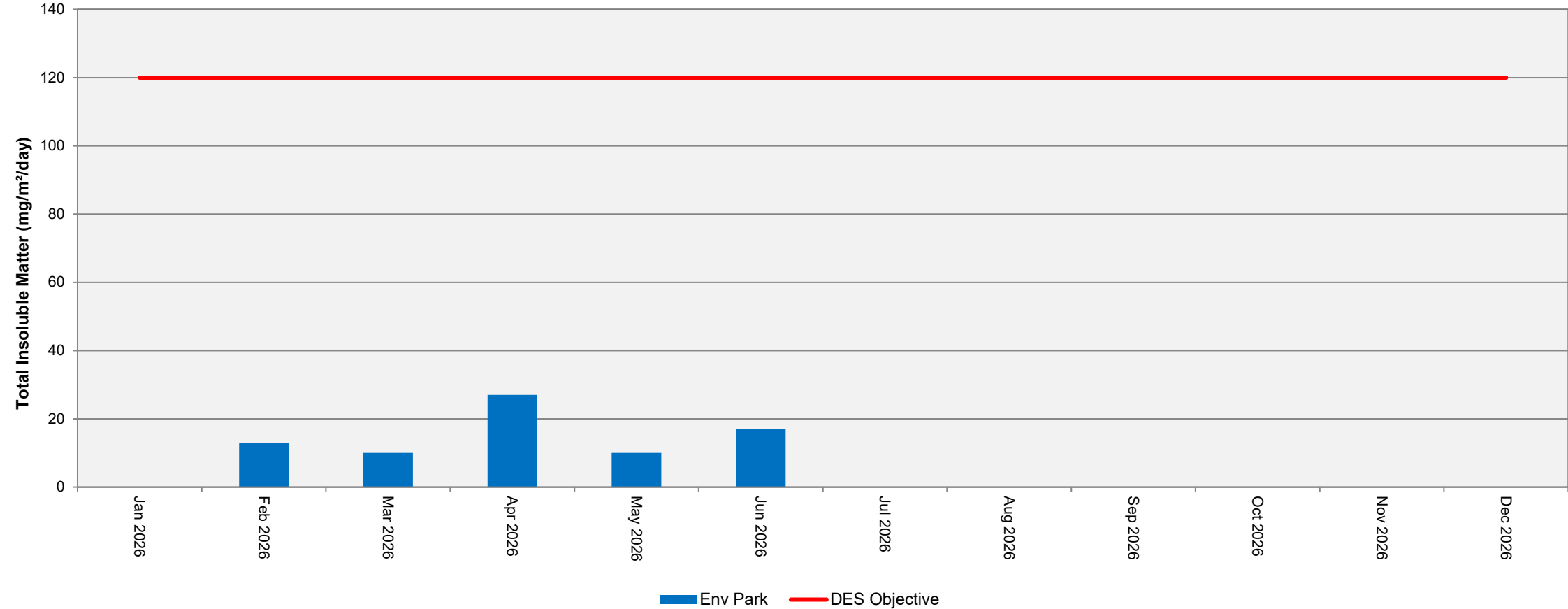
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Dust Deposition Gauge – Lead in dust deposition levels (monthly) at Environment Park site
June 2025 – June 2026



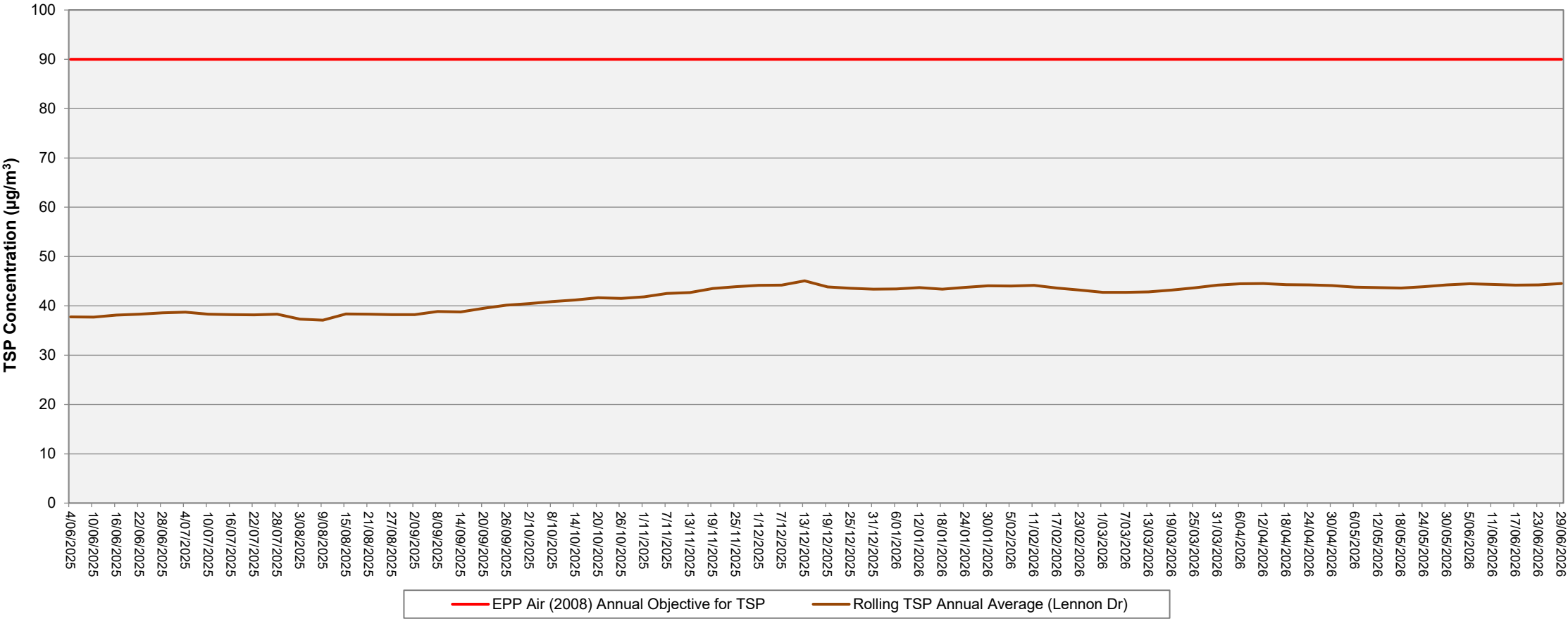
Note: Lead Concentration units = micrograms per square metre per day
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Dust Deposition Gauge – General dust deposition levels (monthly) at Environment Park Site
2026



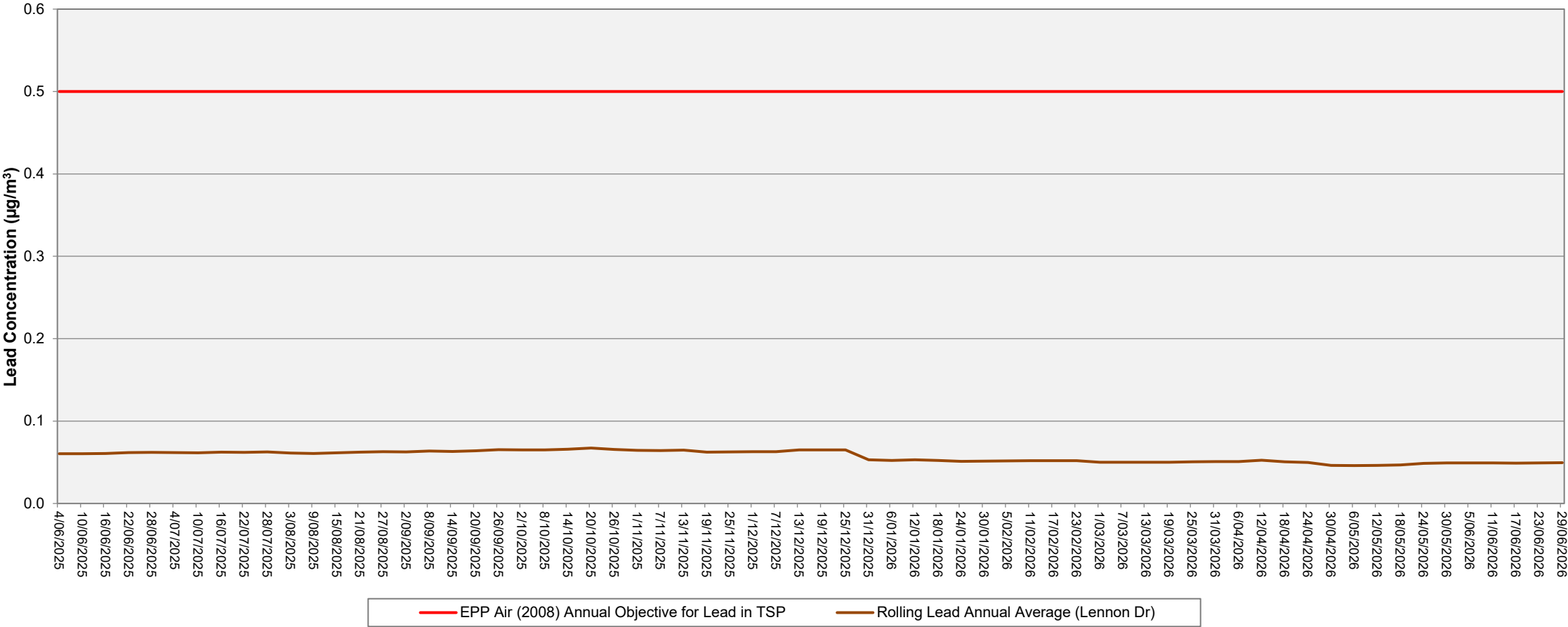
Note: Total Insoluble Matter Concentration units = milligrams per square metre per day
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Hi-Volume Sampler - General total dust levels (one in six days) at Lennon Drive site
June 2025 – June 2026



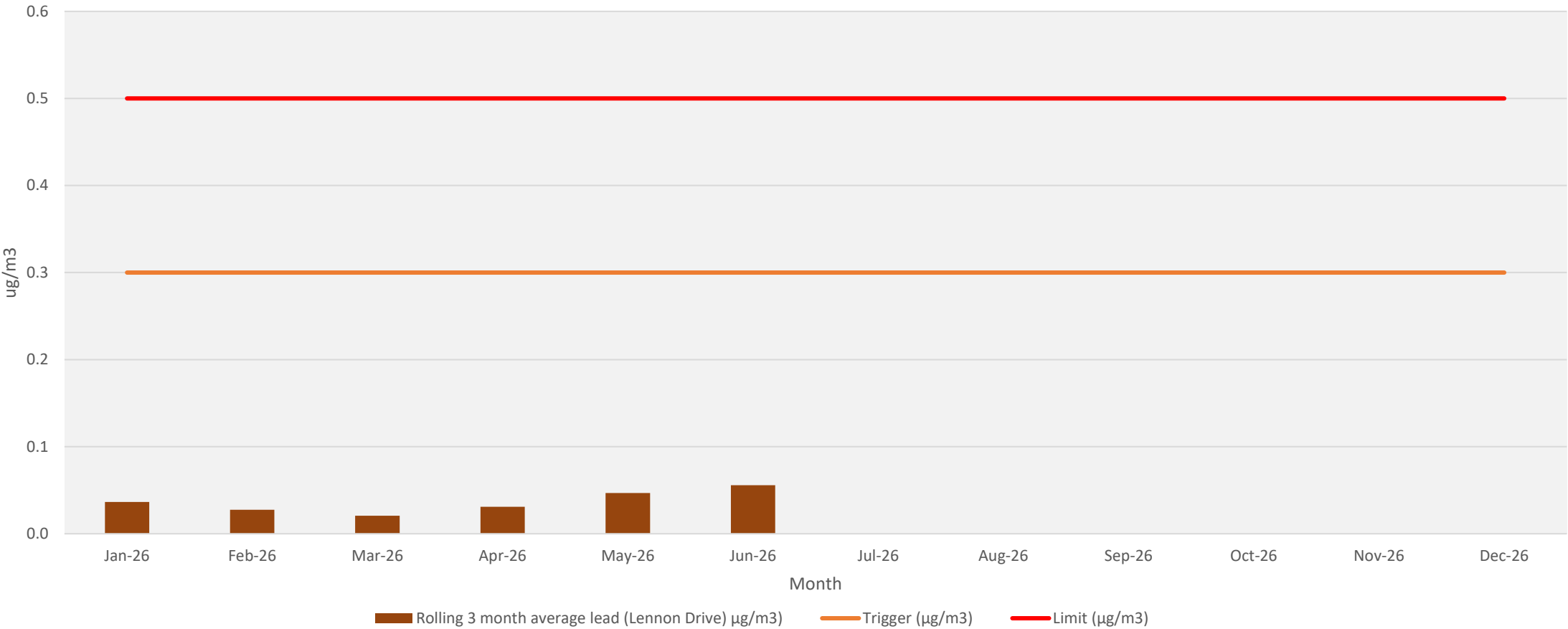
Note: TSP Concentration units = micrograms per cubic metre per 24-hour period
Rolling annual average = the moving average of the previous 11 results and the current result

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



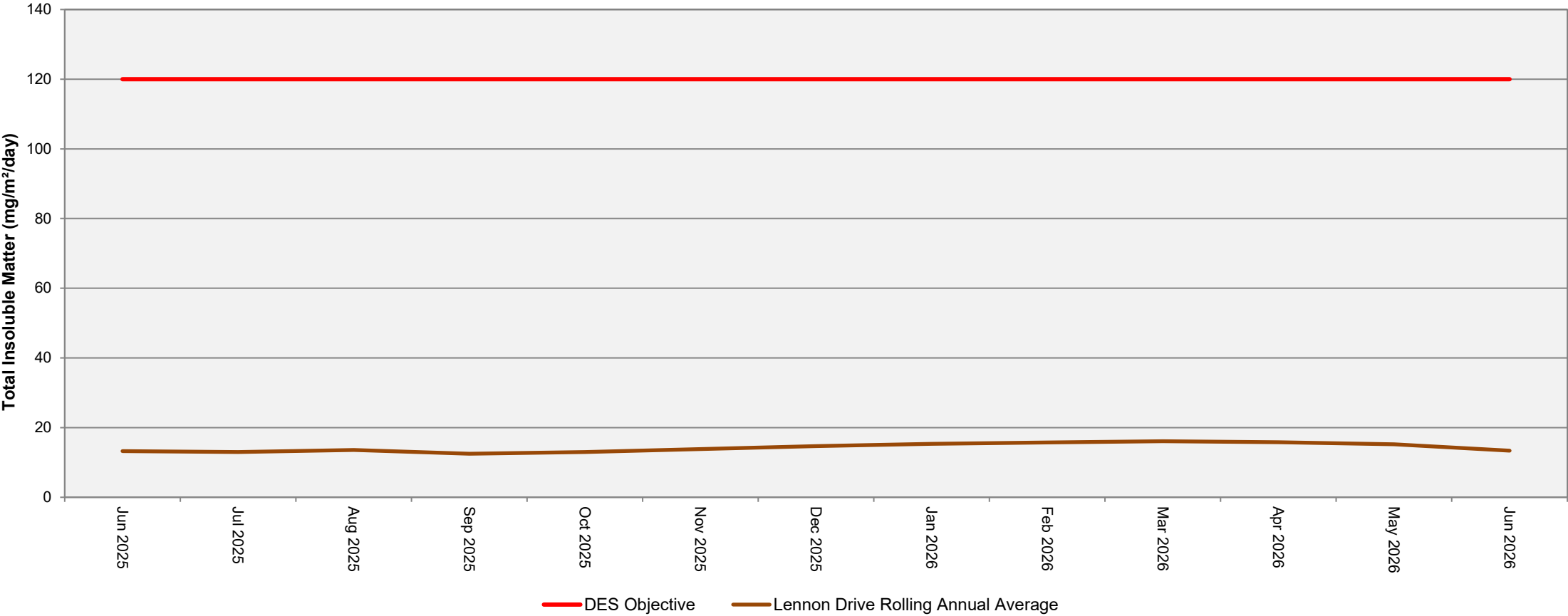
Note: Lead Concentration units = micrograms per cubic metre per 24-hour period
Rolling annual average = the moving average of the previous 11 results and the current result

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



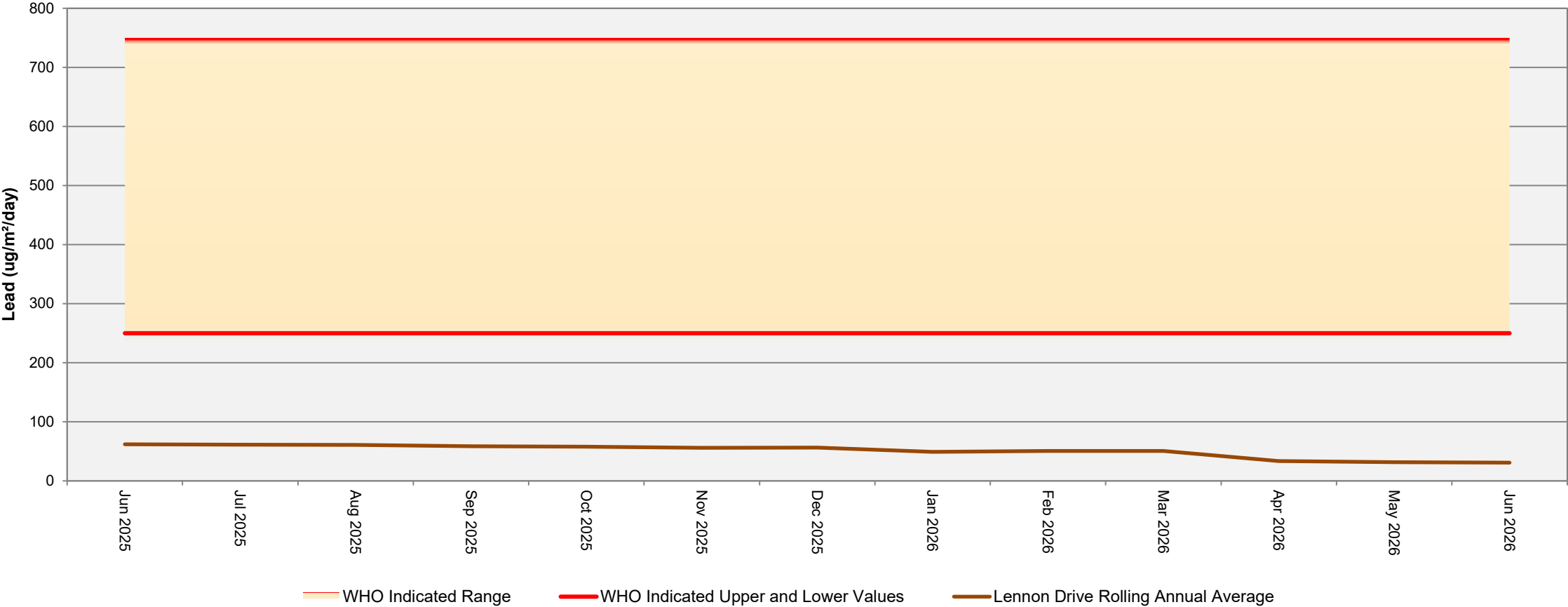
Note: Rolling 3-month average = the moving average of the previous 2 months and the current month result

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



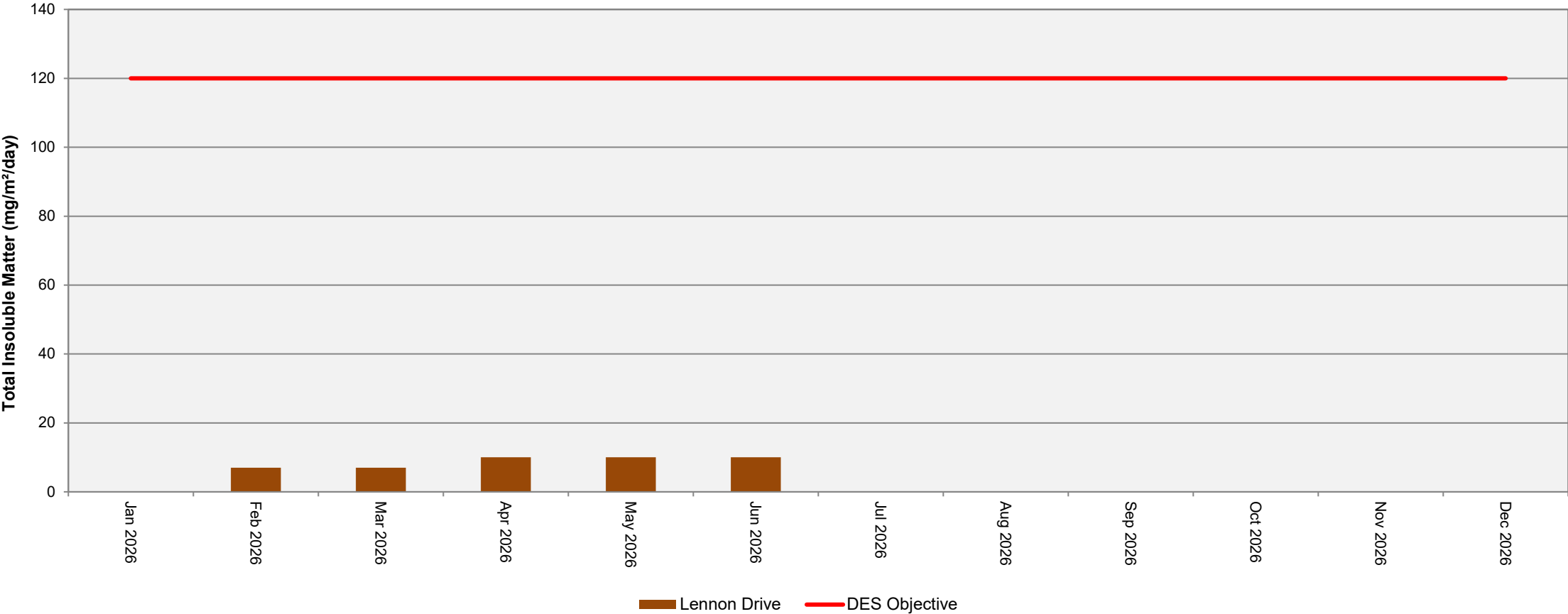
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Dust Deposition Gauge – Lead in dust deposition levels (monthly) at Lennon Drive Site June 2025 – June 2026



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



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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 of 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.