

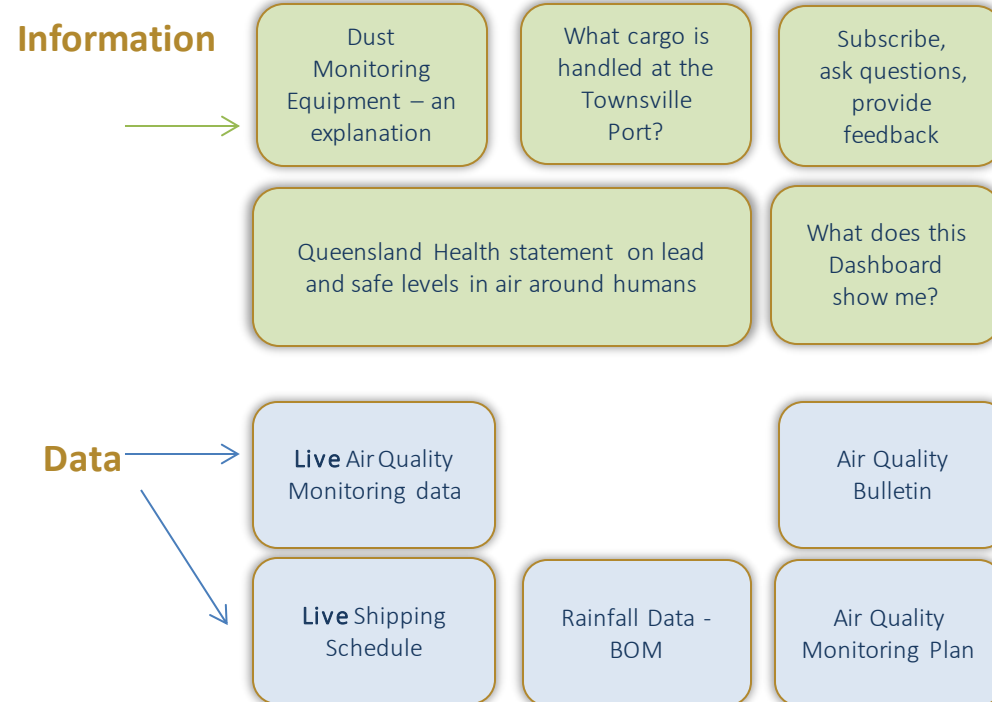
Air Quality Dashboard | January | 2023

AIR QUALITY MONITORING IN TOWNSVILLE

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

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

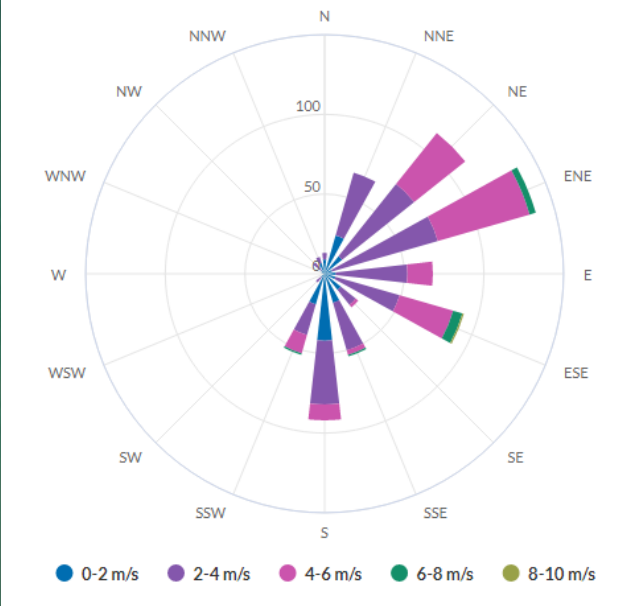
Click here to visit DES monitoring network



Air Quality Monitoring Locations



Wind speed ranges correlating to wind direction



Shipping Movements in January 2023

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

Date In/Out	Vessel Name	Cargo	Berth
30 Dec 2022 - 02 Jan 2023	NORD COPENHAGEN	FERTILIZER (EXPORT)	8
31 Dec 2022 - 03 Jan 2023	YIHAI	SUGAR (EXPORT)	DFT
01 Jan 2023 - 03 Jan 2023	PACIFIC CONDOR	GENERAL CARGO + CONTAINERS (IMPORT) COPPER CONCENTRATES (EXPORT)	3 NTH
01 Jan 2023 - 03 Jan 2023	BERMONDI	SUGAR (EXPORT)	9
03 Jan 2023 - 05 Jan 2023	JOO HYE	CONCENTRATES (EXPORT)	3 STH
06 Jan 2023 - 07 Jan 2023	LAUTOKA CHIEF	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
07 Jan 2023 - 08 Jan 2023	MAERSK CAPRI	FUELS (IMPORT)	1
08 Jan 2023 - 10 Jan 2023	SINGAN	FERTILIZER (EXPORT)	8
08 Jan 2023 - 09 Jan 2023	THERESA MICRONESIA	MOLASSES (EXPORT)	4
09 Jan 2023 - 10 Jan 2023	GOLDEN CHIE	SULPHURIC ACID (EXPORT)	1
09 Jan 2023 - 10 Jan 2023	CORESHIP OL	SUGAR (EXPORT)	9
10 Jan 2023 - 11 Jan 2023	ANL KOKODA	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	3 STH
10 Jan 2023 - 13 Jan 2023	YANGTZE LEGEND	ZINC FERRITES (EXPORT)	10
11 Jan 2023 - 11 Jan 2023	LARGO DESERT	FUELS (IMPORT)	1
12 Jan 2023 - 15 Jan 2023	GENTLE LEADER	MOTOR VEHICLES (IMPORT)	9
12 Jan 2023 - 15 Jan 2023	CELSIUS ROSKILDE	FUELS (IMPORT)	1
13 Jan 2023 - 14 Jan 2023	YANGTZE LEGEND	ZINC FERRITES (EXPORT)	3 STH
13 Jan 2023 - 15 Jan 2023	HANSA FREYBURG	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
14 Jan 2023 - 20 Jan 2023	AFRICAN KESTREL	SULPHUR (IMPORT) FERTILIZER (EXPORT)	10
14 Jan 2023 - 17 Jan 2023	YANGTZE LEGEND	ZINC FERRITES (EXPORT)	3 STH
14 Jan 2023 - 19 Jan 2023	KYOWA ROSE	TYRES (IMPORT) GENERAL CARGO + CONTAINERS (EXPORT)	3 NTH
15 Jan 2023 - 16 Jan 2023	JASPER ARROW	MOTOR VEHICLES (IMPORT)	9
17 Jan 2023 - 19 Jan 2023	UNI AUC ONE	CONCENTRATES (EXPORT)	8
18 Jan 2023 - 19 Jan 2023	SUVA CHIEF	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
19 Jan 2023 - 20 Jan 2023	EIDSVAAG OMEGA	GENERAL CARGO (IMPORT)	3 STH
21 Jan 2023 - 25 Jan 2023	JIN XING LING	SCRAP (EXPORT)	9
23 Jan 2023 - 24 Jan 2023	MARSGRACHT	CONTAINERS (IMPORT)	10

Date In/Out	Vessel Name	Cargo	Berth
23 Jan 2023 - 23 Jan 2023	EASTERN HIGHWAY	MOTOR VEHICLES (IMPORT)	3 NTH
23 Jan 2023 - 24 Jan 2023	PALANCA MIAMI	BITUMEN (IMPORT)	1
24 Jan 2023 - 25 Jan 2023	FAIRCHEM SUCCESS	CAUSTIC SODA (IMPORT) TALLOW (EXPORT)	4
24 Jan 2023 - 26 Jan 2023	GLOBE EXPLORER	CONCENTRATES (EXPORT)	11
24 Jan 2023 - 25 Jan 2023	CS CALLA	ZINC CONCENTRATES (EXPORT)	8
25 Jan 2023 - 26 Jan 2023	EUPHRATES HIGHWAY	MOTOR VEHICLES (IMPORT)	3 NTH
25 Jan 2023 - 26 Jan 2023	PS ATENE	FUELS (IMPORT)	1
26 Jan 2023 - 29 Jan 2023	IVS WENTWORTH	FERTILIZER (EXPORT)	8
26 Jan 2023 - 27 Jan 2023	ROSTELLA	BITUMEN (IMPORT)	4
26 Jan 2023 - 28 Jan 2023	CS CALLA	ZINC CONCENTRATES (EXPORT)	3 STH
27 Jan 2023 - 28 Jan 2023	CHALLENGE POLLUX	FUELS (IMPORT)	1
27 Jan 2023 - 27 Jan 2023	SOFRANA TOURVILLE	CONTAINERS (IMPORT) CONTAINERS (EXPORT)	4
27 Jan 2023 - 30 Jan 2023	AKUNA	CEMENT (IMPORT)	4
29 Jan 2023 - 29 Jan 2023	GOLDEN SAGITTARIUS	FUELS (IMPORT)	1
29 Jan 2023 - 30 Jan 2023	PAPORA WISDOM	GENERAL/BREAK BULK (IMPORT)	3 NTH



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

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OR

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

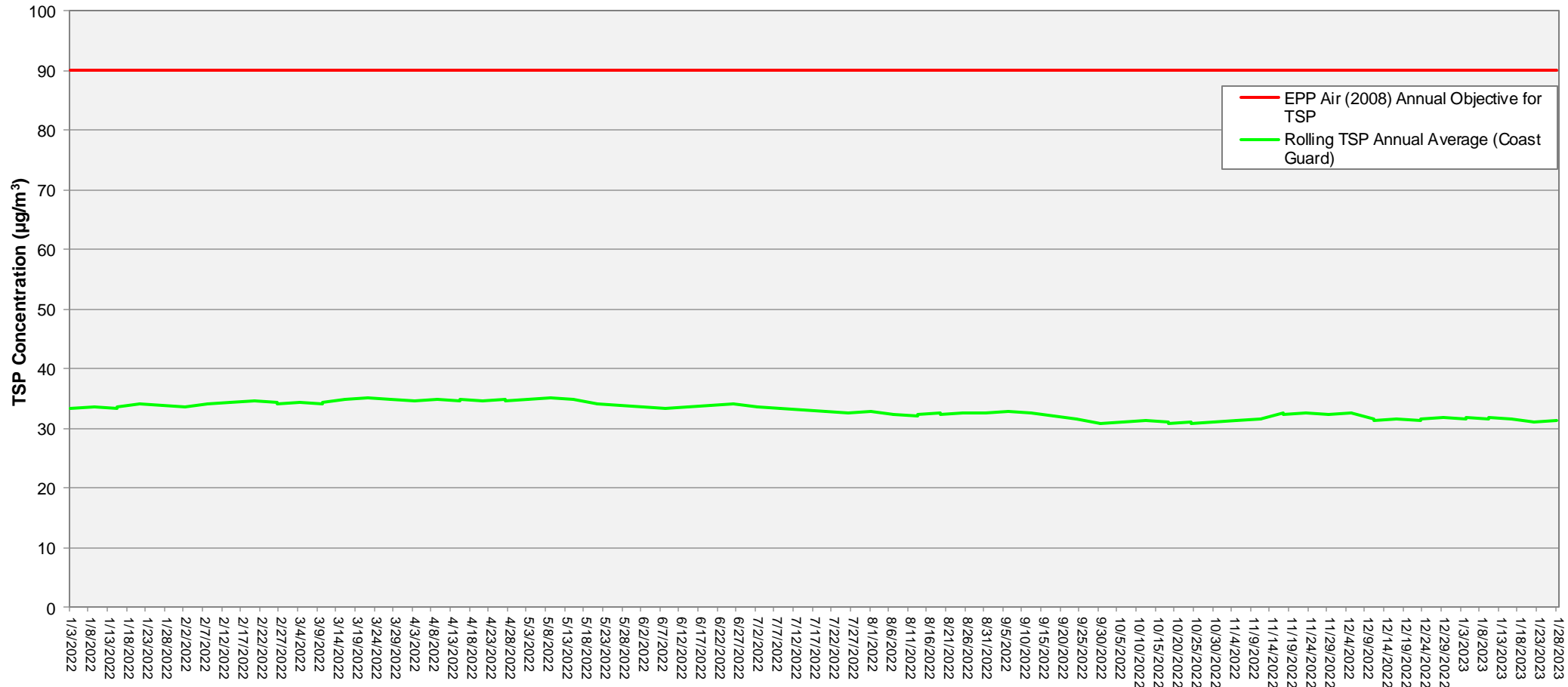
OR

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

Ask a Question / Provide Feedback

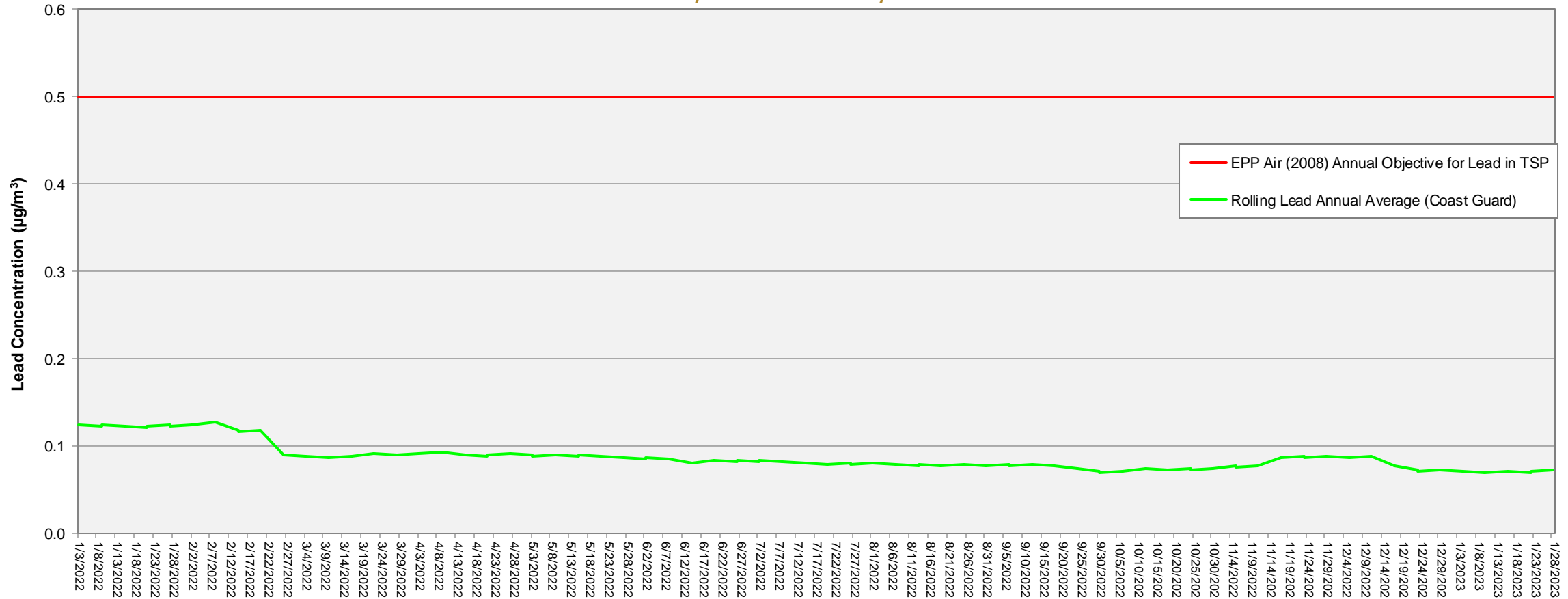
Send your enquiry or feedback to community@townsvilleport.com.au

Hi-Volume Sampler – General total dust levels (one in six days) at Coast Guard Site January 2022 – January 2023



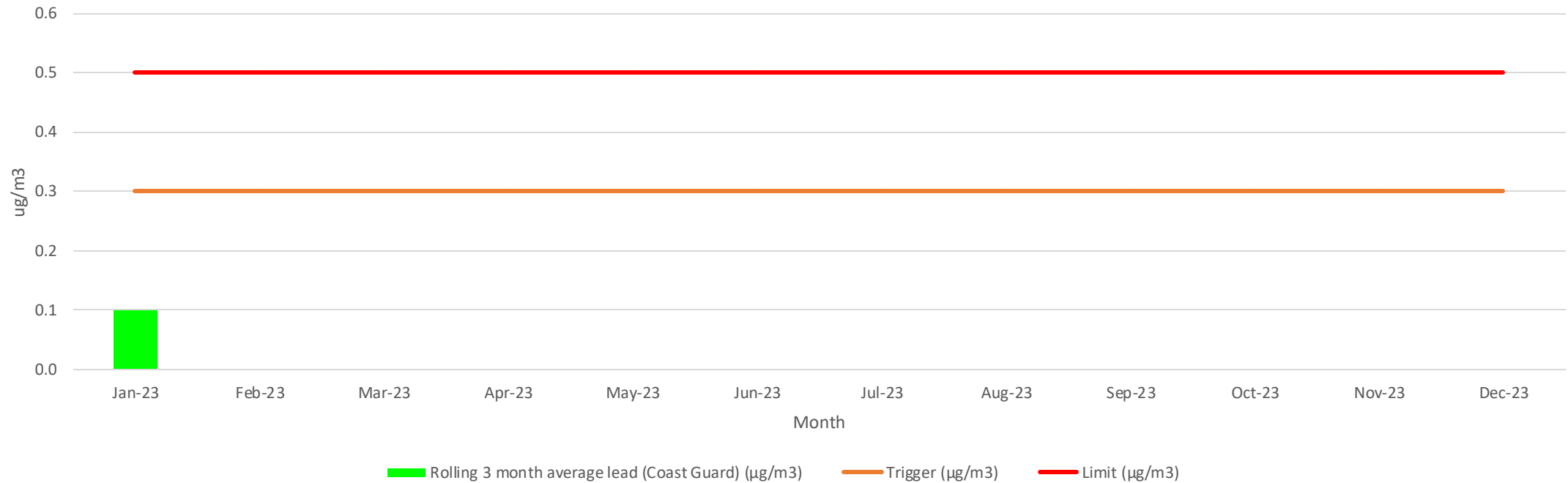
Note: TSP Concentration units = micrograms per cubic metre per 24 hour period
Rolling annual average = the moving average of the previous 11 results and the current result

Hi-Volume Sampler – Lead in dust levels (one in six days) at Coast Guard Site January 2022 – January 2023



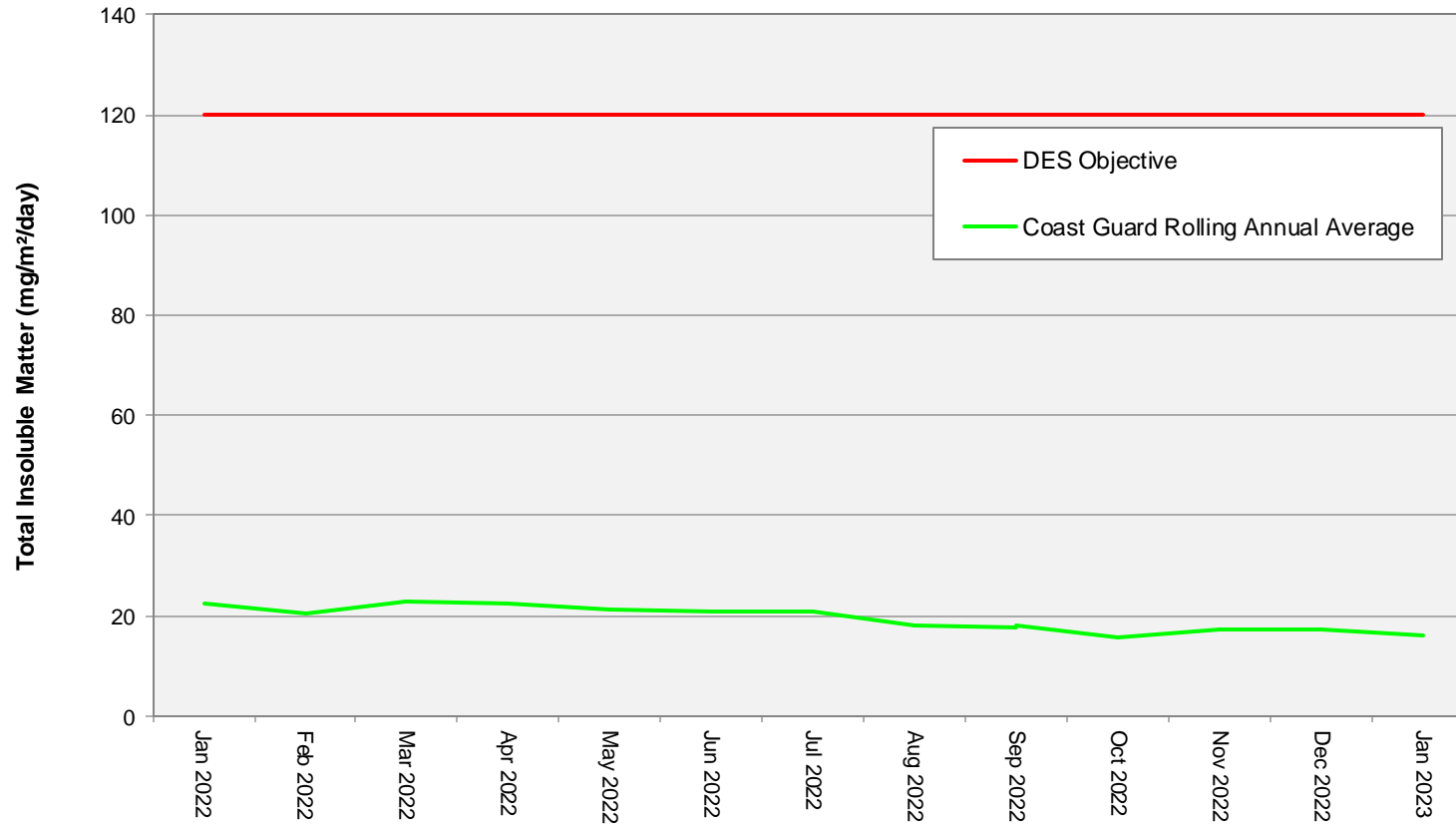
Note: Lead Concentration units = micrograms per cubic metre per 24 hour period
Rolling annual average = the moving average of the previous 11 results and the current result

Hi-Volume Sampler - Lead in dust levels (one in six days) at Coast Guard Site 2023



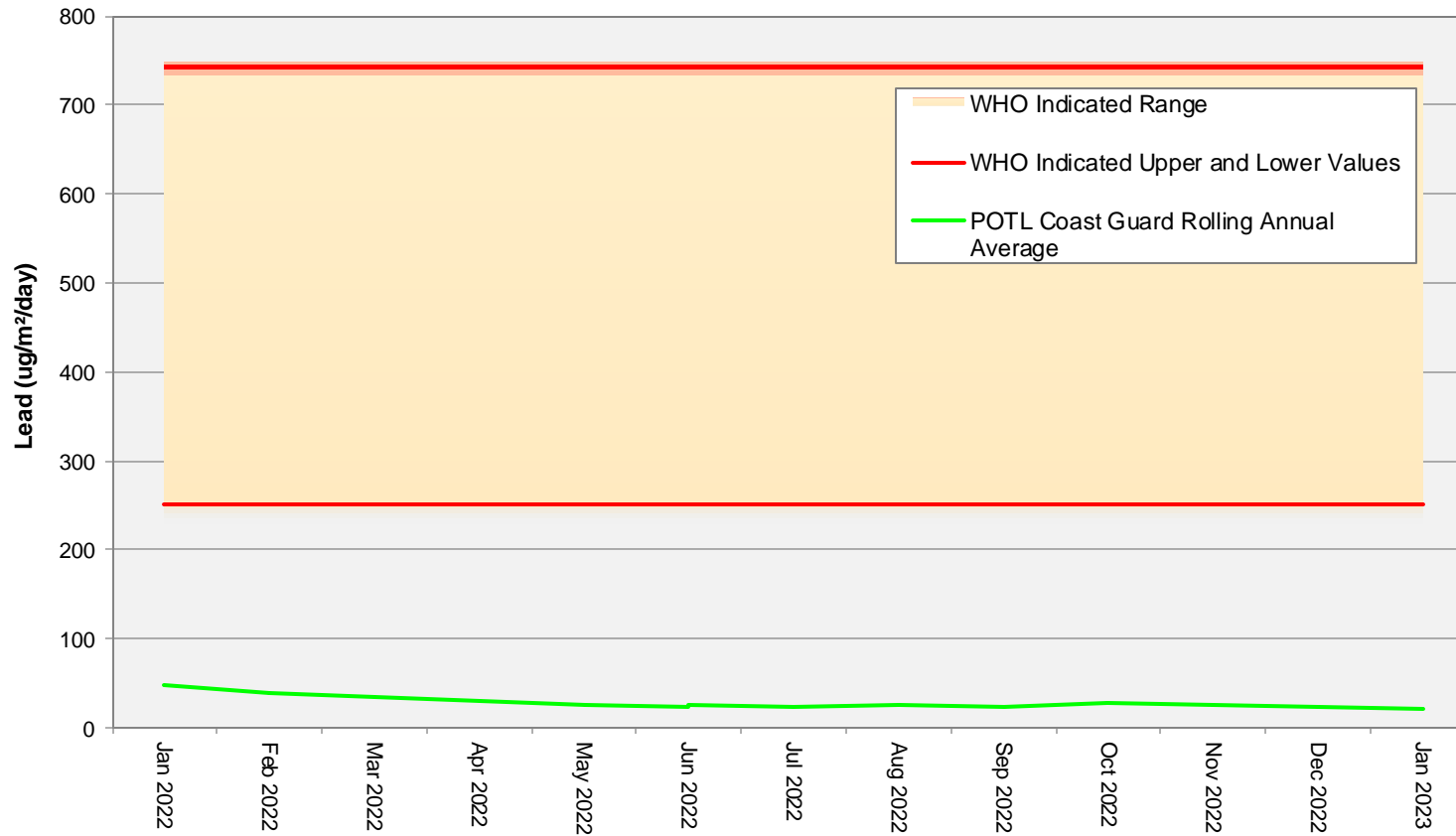
Note: Rolling 3 month average = the moving average of the previous 2 months and the current month result

Dust Deposition Gauge – General dust deposition levels (monthly) at Coast Guard Site January 2022 – January 2023



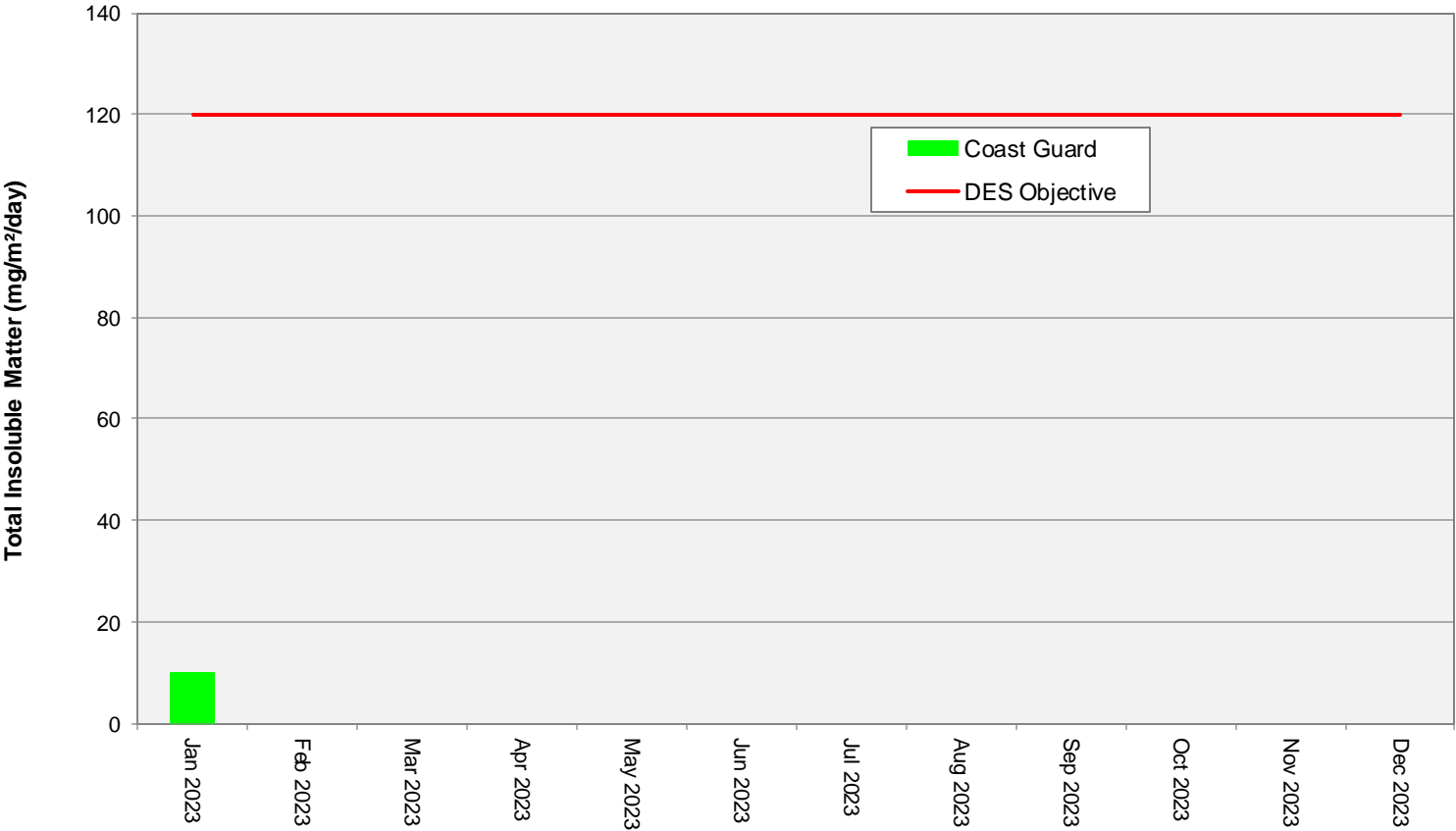
Note: Total Insoluble Matter Concentration units = micrograms per square metre per day
Rolling annual average = the moving average of the previous 11 results and the current result

Dust Deposition Gauge – Lead in dust deposition levels (monthly) at Coast Guard Site JANUARY 2022– JANUARY 2023



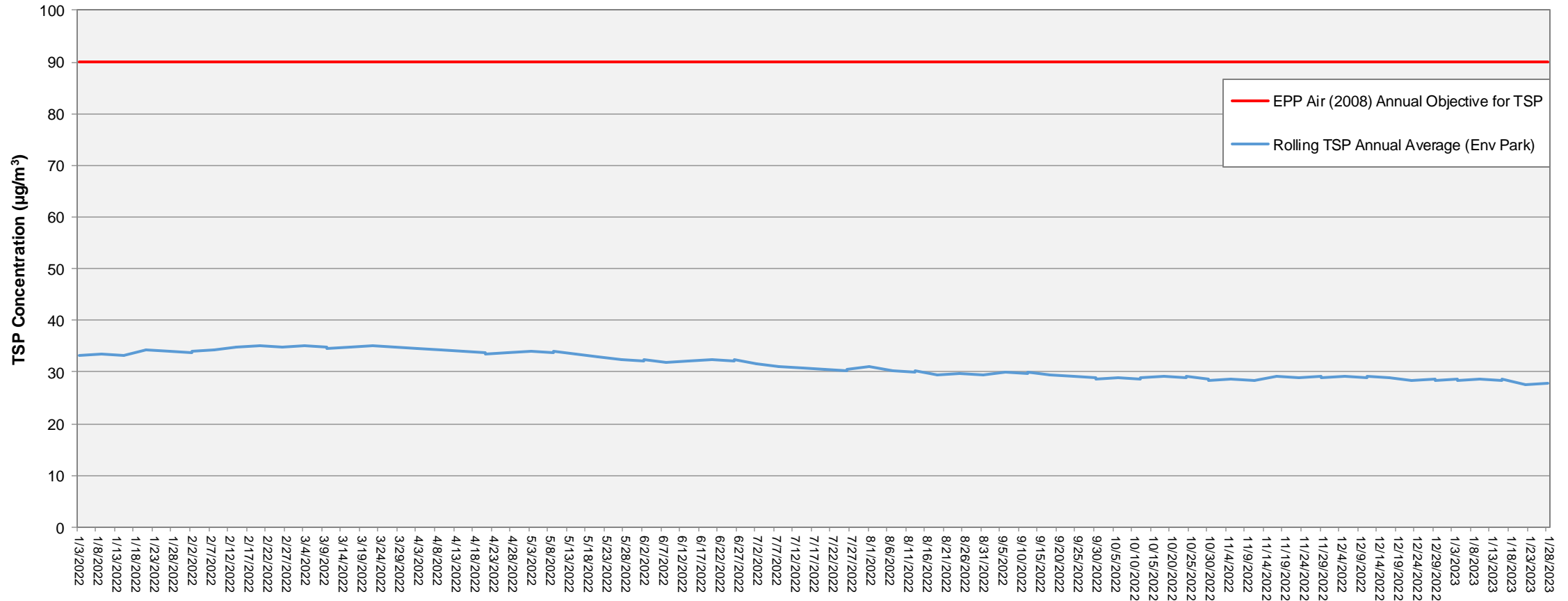
Note: Lead Concentration units = micrograms per square metre per day
Rolling annual average = the moving average of the previous 11 results and the current result.

Dust Deposition Gauge – General dust deposition levels (monthly) at Coast Guard Site 2023



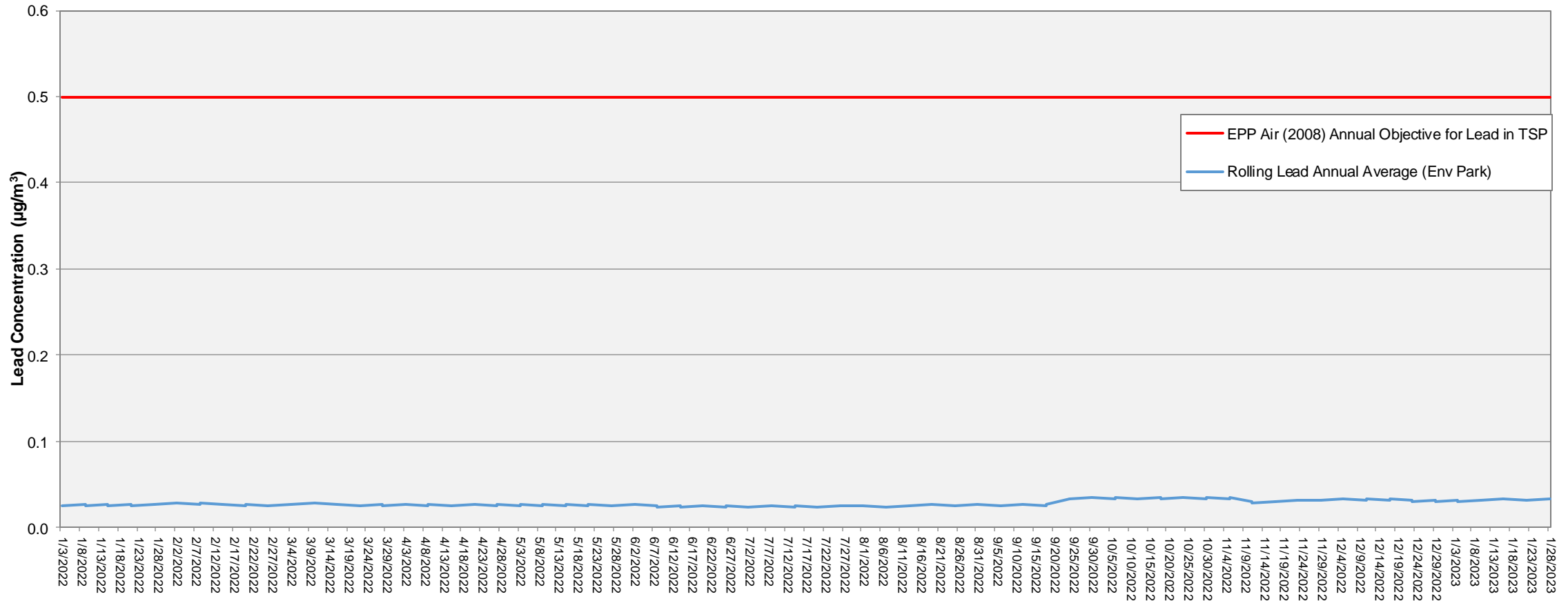
Note: Total Insoluble Matter Concentration units = milligrams per square metre per day.
No result for August 2022 due to Laboratory error.

Hi-Volume Sampler - General total dust levels (one in six days) at Environment Park site January 2022 – January 2023



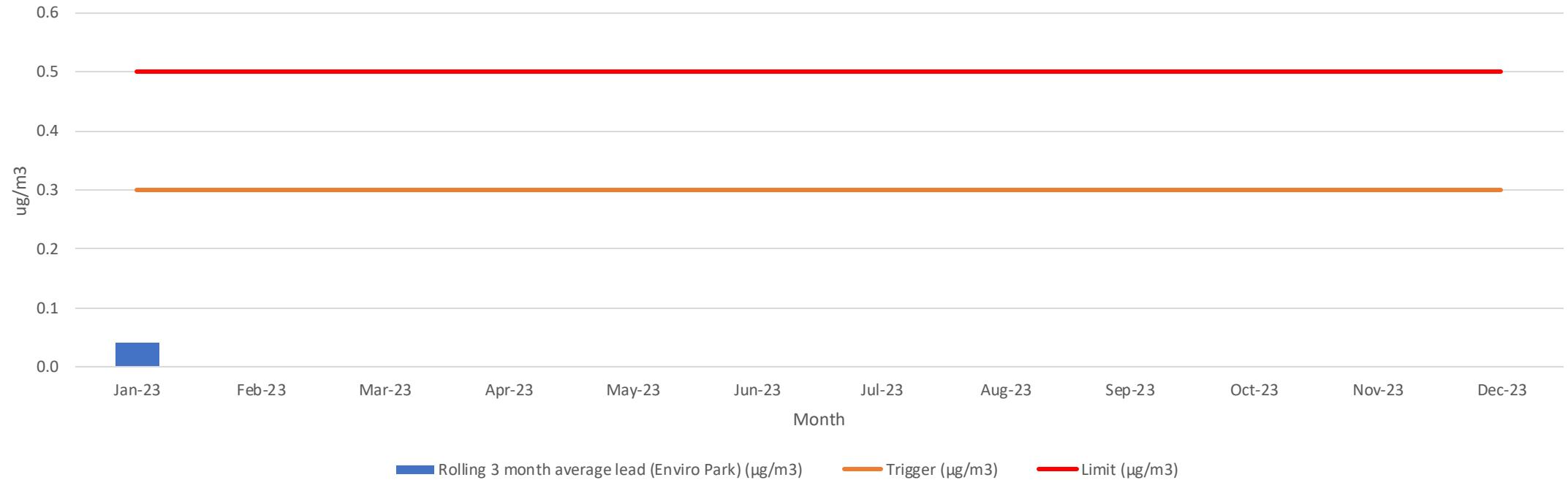
Note: TSP Concentration units = micrograms per cubic metre per 24 hour period
Rolling annual average = the moving average of the previous 11 results and the current result

Hi-Volume Sampler - Lead in dust levels (one in six days) at Environment Park site January 2022 – January 2023



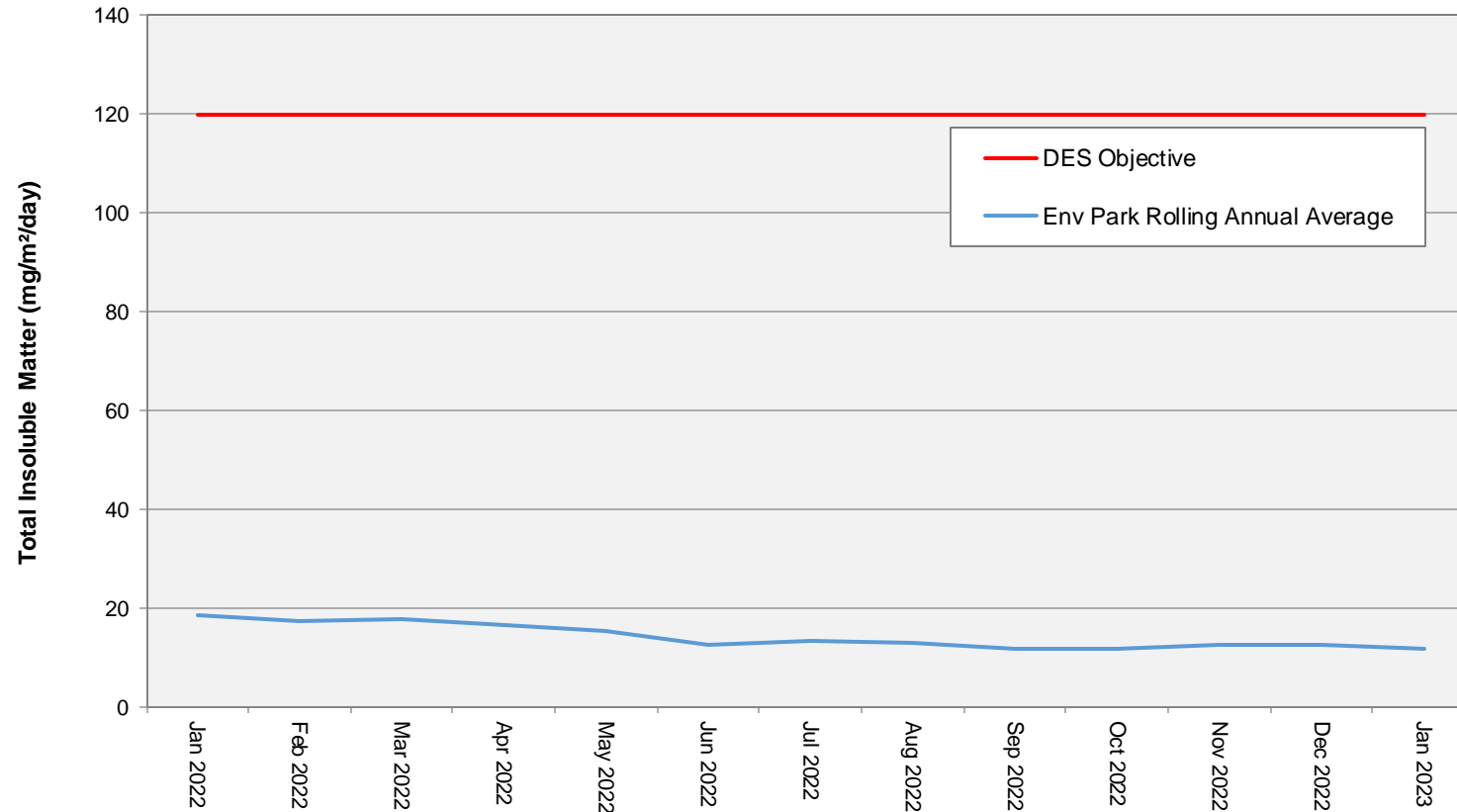
Note: Lead Concentration units = micrograms per cubic metre per 24 hour period
Rolling annual average = the moving average of the previous 11 results and the current result

Hi-Volume Sampler - Lead in dust levels (one in six days) at Environment Park site 2023



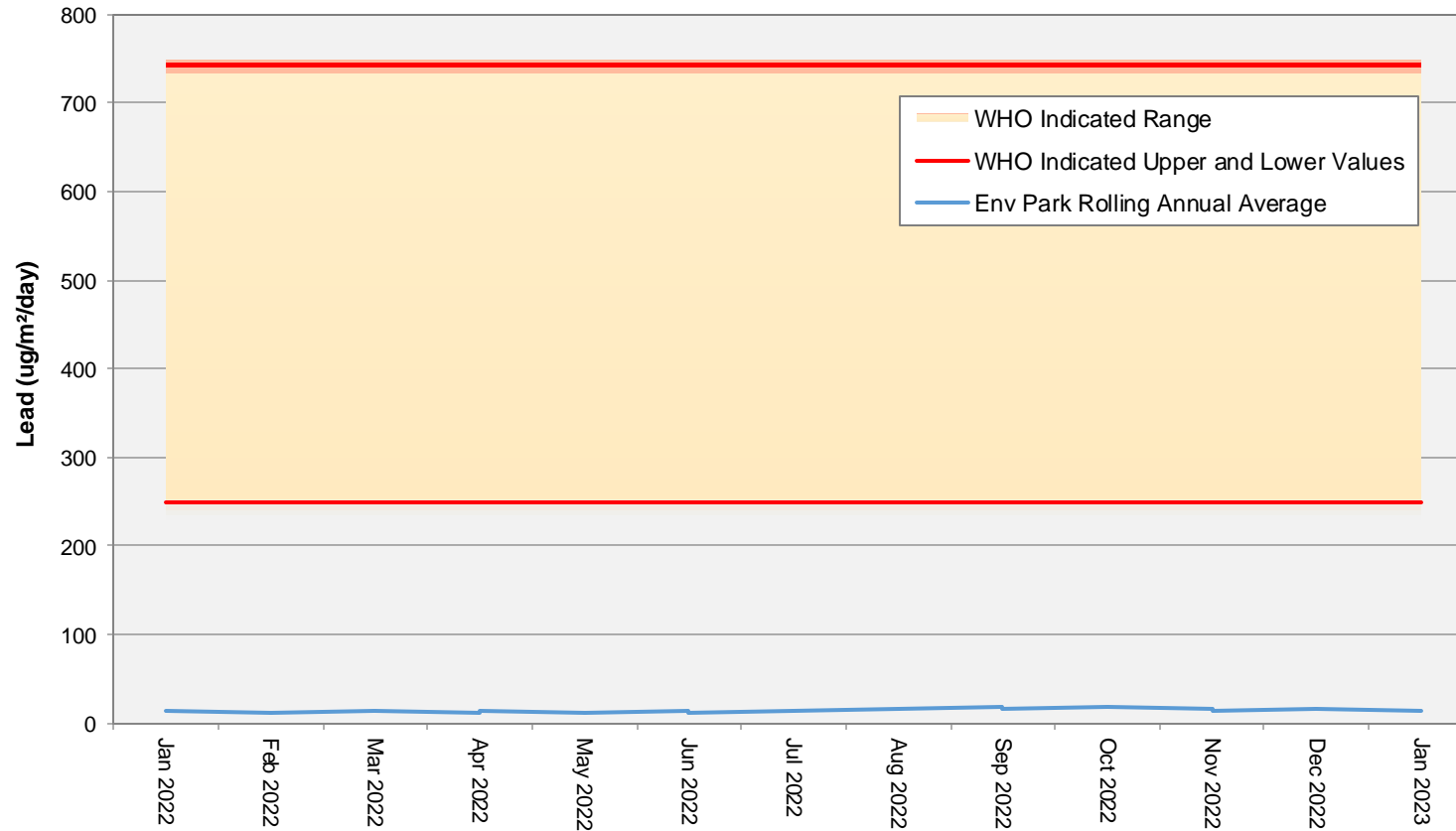
Note: Rolling 3 month average = the moving average of the previous 2 months and the current month result

Dust Deposition Gauge - General dust deposition levels (monthly) at Environment Park site January 2022 – January 2023



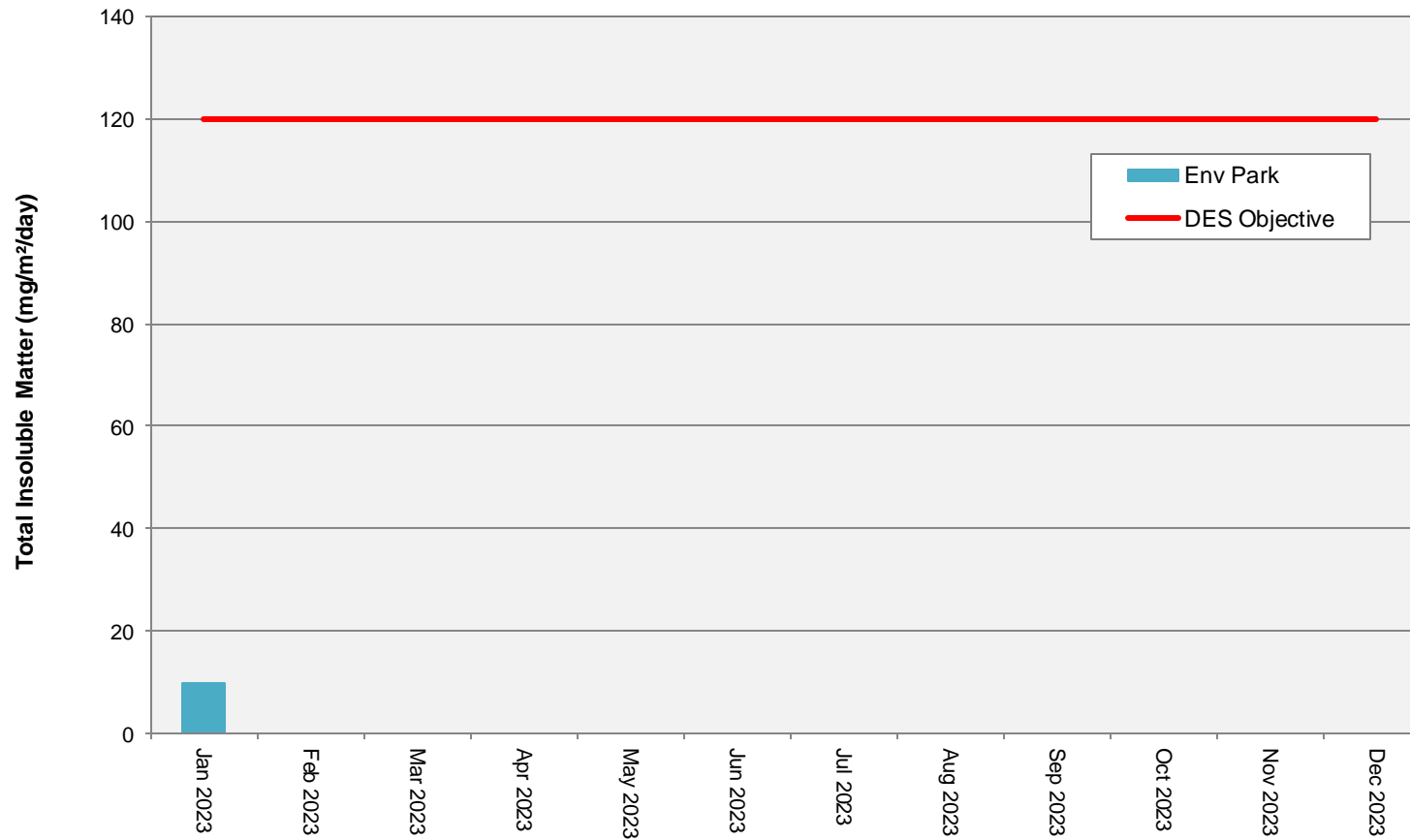
Note: Total Insoluble Matter Concentration units = micrograms per square metre per day
Rolling annual average = the moving average of the previous 11 results and the current result

Dust Deposition Gauge – Lead in dust deposition levels (monthly) at Environment Park site JANUARY 2022 – JANUARY 2023



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

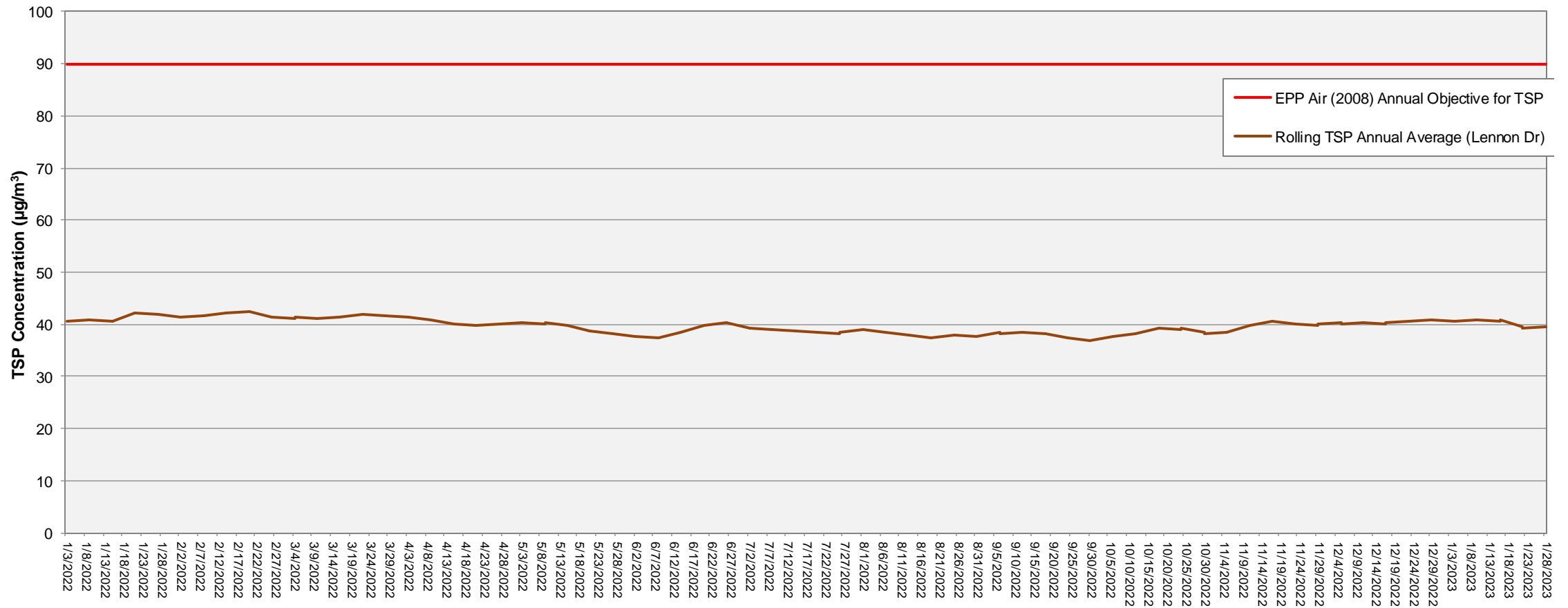
Dust Deposition Gauge – General dust deposition levels (monthly) at Environment Park Site 2023



Note: Total Insoluble Matter Concentration units = milligrams per square metre per day

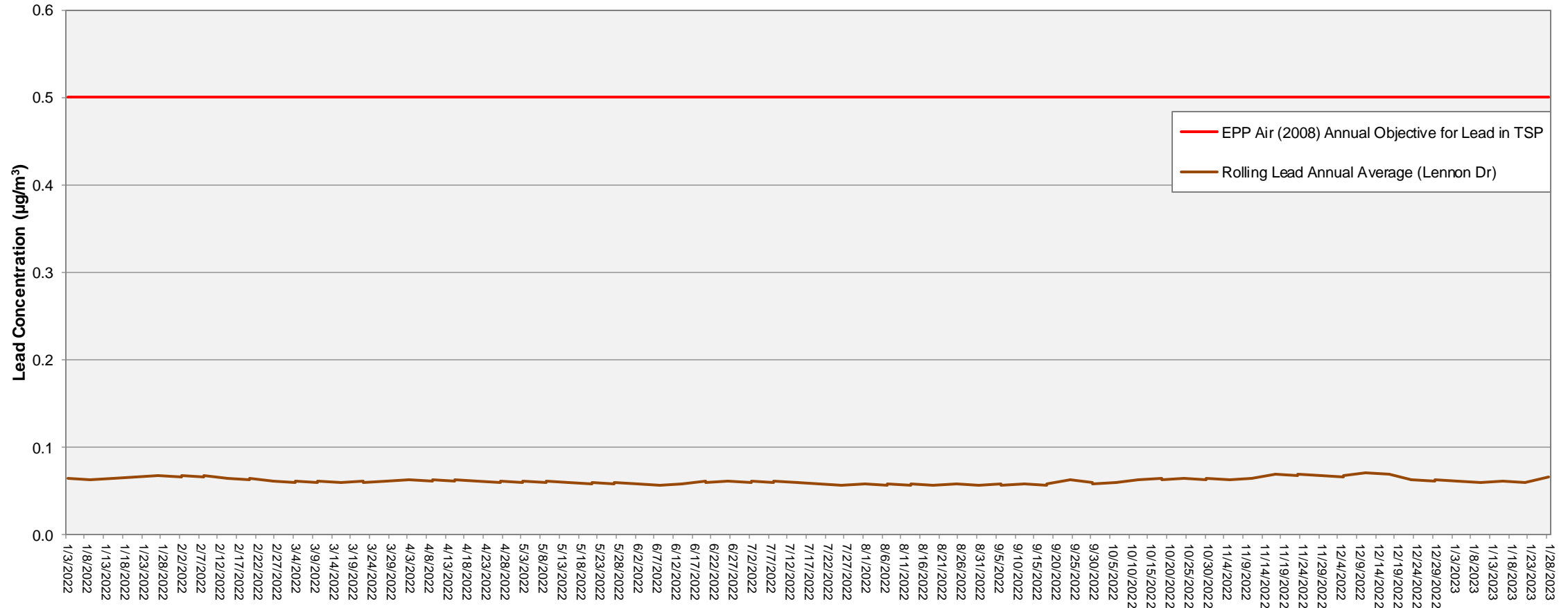
[Click here](#) for information on how to interpret this data

Hi-Volume Sampler - General total dust levels (one in six days) at Lennon Drive site January 2022 – January 2023



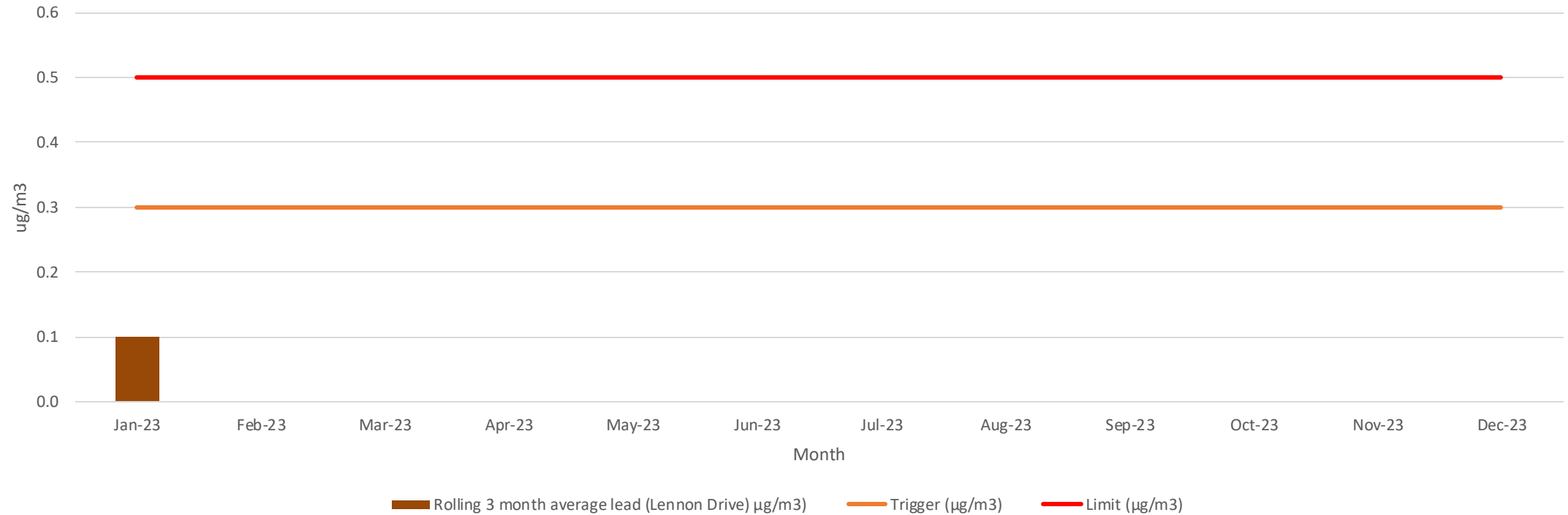
Note: TSP Concentration units = micrograms per cubic metre per 24 hour period
Rolling annual average = the moving average of the previous 11 results and the current result

Hi-Volume Sampler - Lead in dust levels (one in six days) at Lennon Drive Site January 2022 – January 2023



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

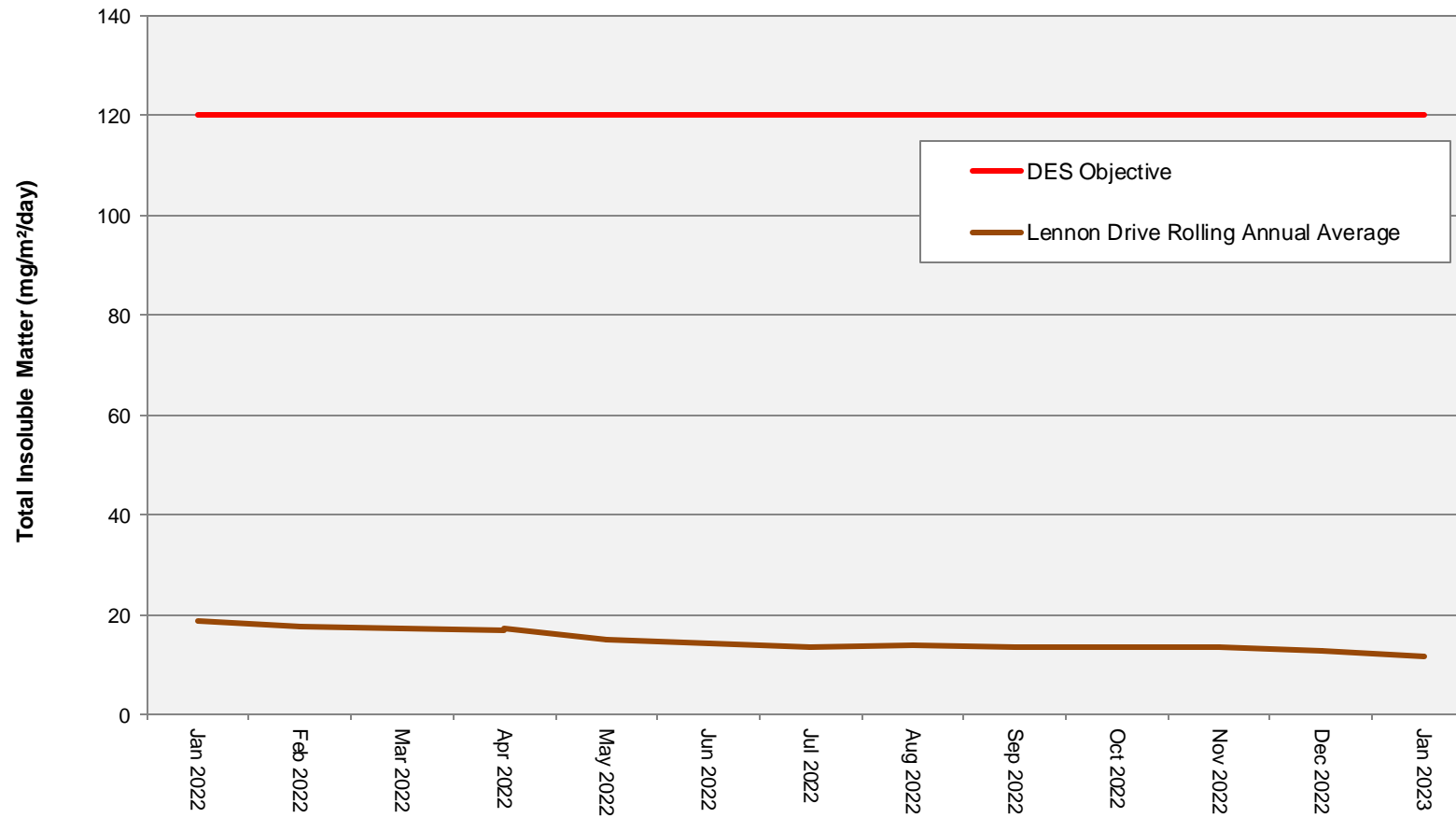
Hi-Volume Sampler - Lead in dust levels (one in six days) at Lennon Drive Site 2023



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

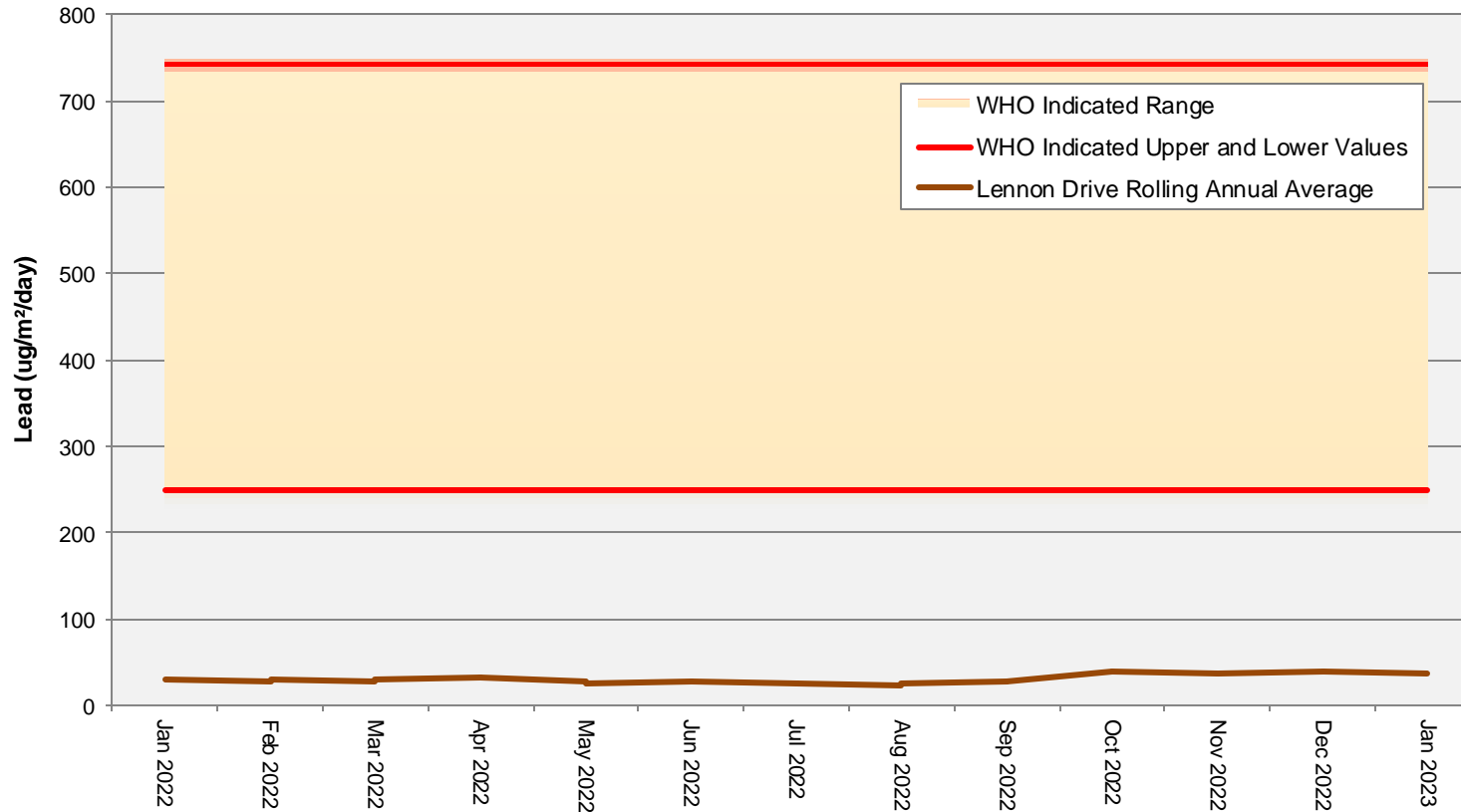
[Click here](#) for information on how to interpret this data

Dust Deposition Gauge - General dust deposition levels (monthly) at Lennon Drive Site January 2022 – January 2023



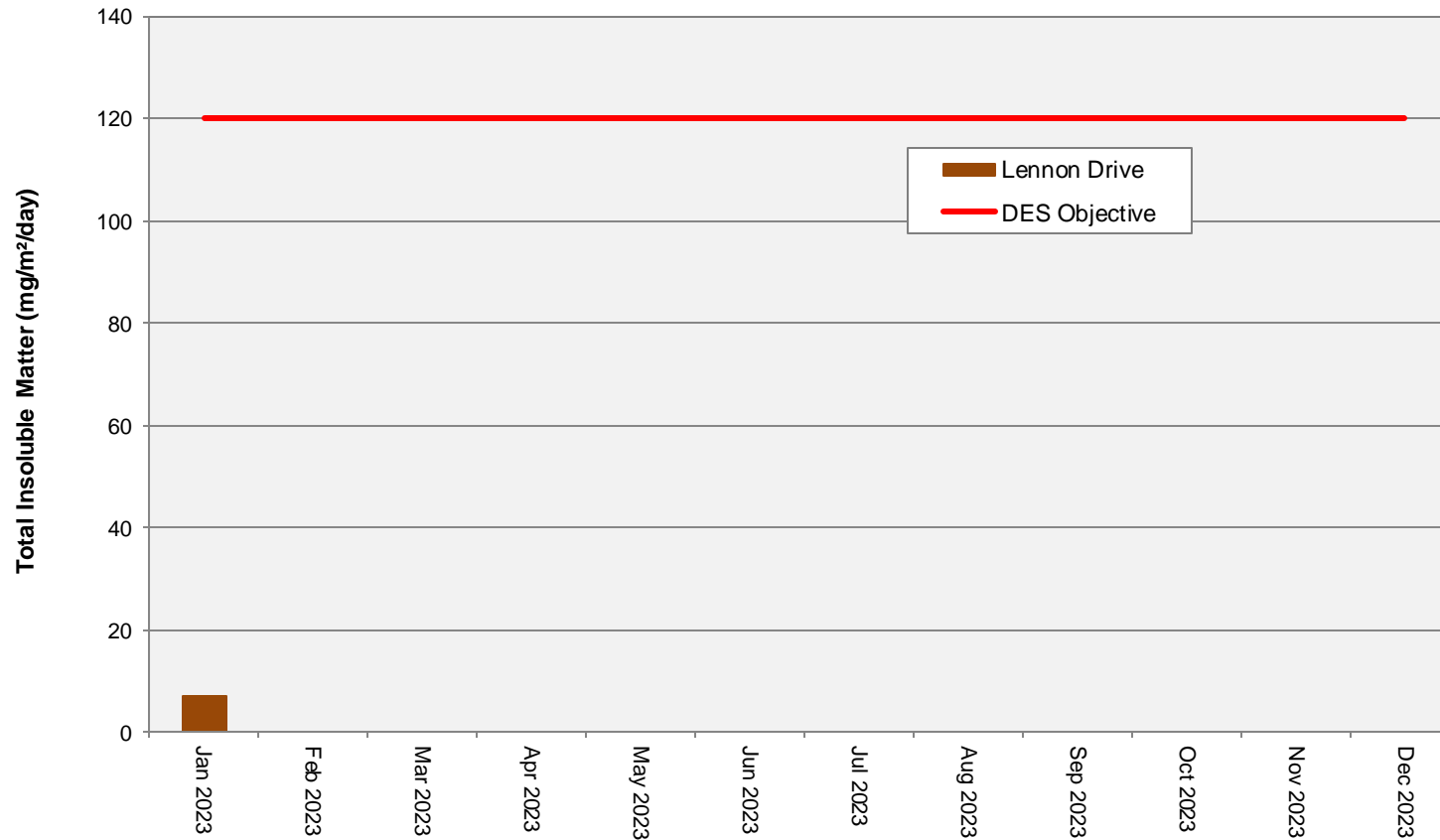
Note: Total Insoluble Matter Concentration units = micrograms per square metre per day
Rolling annual average = the moving average of the previous 11 results and the current result

Dust Deposition Gauge – Lead in dust deposition levels (monthly) at Lennon Drive Site JANUARY 2022– JANUARY 2023



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 Lennon Drive Site 2023



Note: Total Insoluble Matter Concentration units = milligrams per square metre per day

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 out. 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.