



# Ardmore Park Quarry

**CCC Meeting 2:30 pm Friday 3<sup>rd</sup> March 2023**

# Introduction

- Summary of operations
- Management Plans and Annual Review
- Road (haul route) update
- NRAR Notice
- Noise monitoring
- EPL variation
- Environmental monitoring
- Complaints



# Operations

- Average approx. 35-45 truck loads per day.
- Average increasing as weather dries out.
- YTD sales FY 22-23 approx. 85% compared to last year.
- Sales increasing compared to last 6 months (favourable weather)
- Back-filling of the void continues, some locations have reached final level.
- Operations under Modification 3 deferred.



# Management Plans

- Awaiting response from DPE regarding approval of management plans.
- Once approved by DPE, final versions will be uploaded to the website.

# Annual Review

- The 2022 Annual Review is underway, due to DPE end of this month.
- Once approved by DPE, will be uploaded to the website.

## Road (haul route)

- Council have commissioned works on Jerrara Road, works are underway

# NRAR Notice

- Rehabilitation of two bores and decommissioning of two bores has been completed as per varied NRAR Direction.
- Communication of completion on track to be sent to NRAR by 11<sup>th</sup> March 2023.

# Noise Monitoring

- Noise monitoring undertaken early November.
- Results have been made available on the website as normal, no non-compliances identified.
- Next monitoring session to be undertaken prior to the next CCC.

# Monitoring



- Continuing to be undertaken monthly in accordance with EPL
- Monitoring results are uploaded onto the website monthly (EPL data) and quarterly (Project Approval data), mid-month, when results are obtained from the laboratory. Up-to-date for February.
- Continuous particulate monitoring stations data included quarterly monitoring reports.
- Water sampling is undertaken quarterly for BHS1-6, BH6, Phils spring, Southern spring and annually for BHAP1, BHAP5, BHAP6 and BHAP10. Most recently conducted in January.

# Site monitoring results

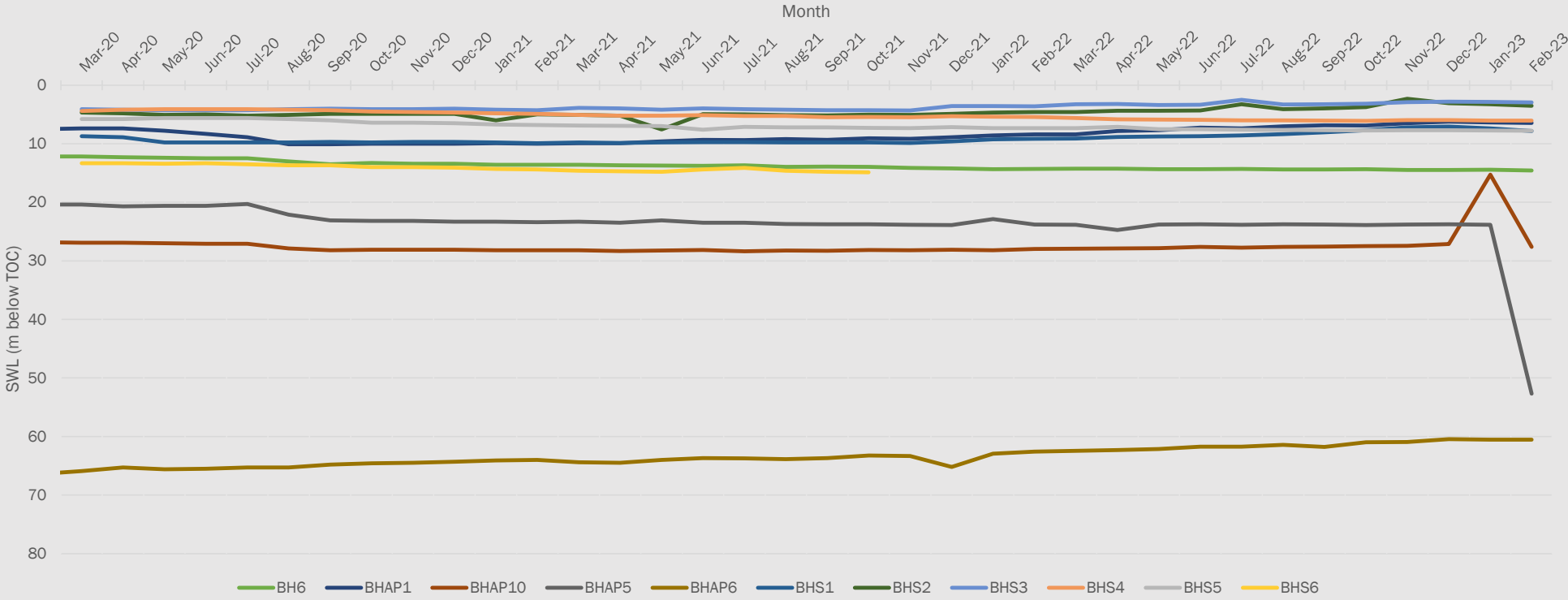
- Groundwater standing water levels have remained stable or slightly increased.
- Elevated dust readings from Nov-Jan under investigation.
- Particulate matter results were well below relevant limits.





# Monitoring bores - standing water level (depth)

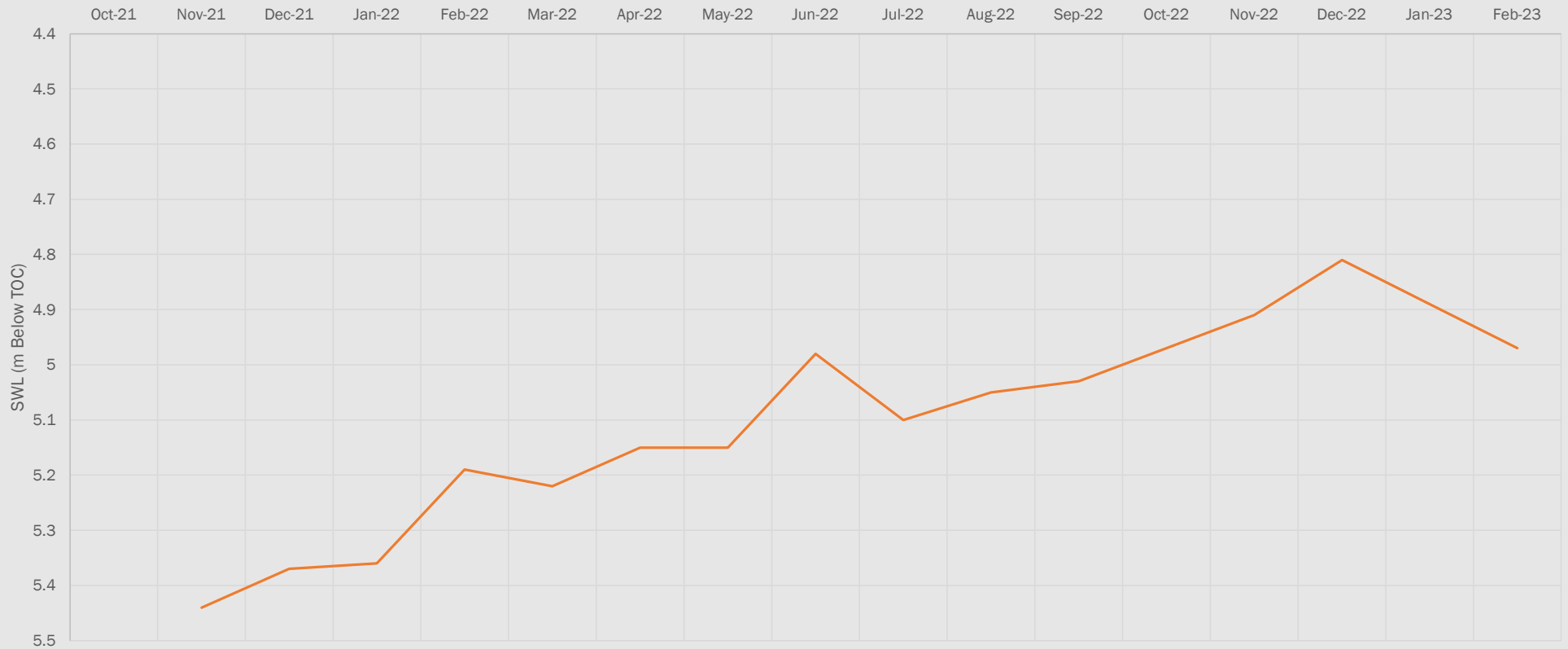
Standing Water Level



- Spike in BHAP10 due to false reading recorded in January
- Lowering of BHAP5 SWL due to relining of bore in January

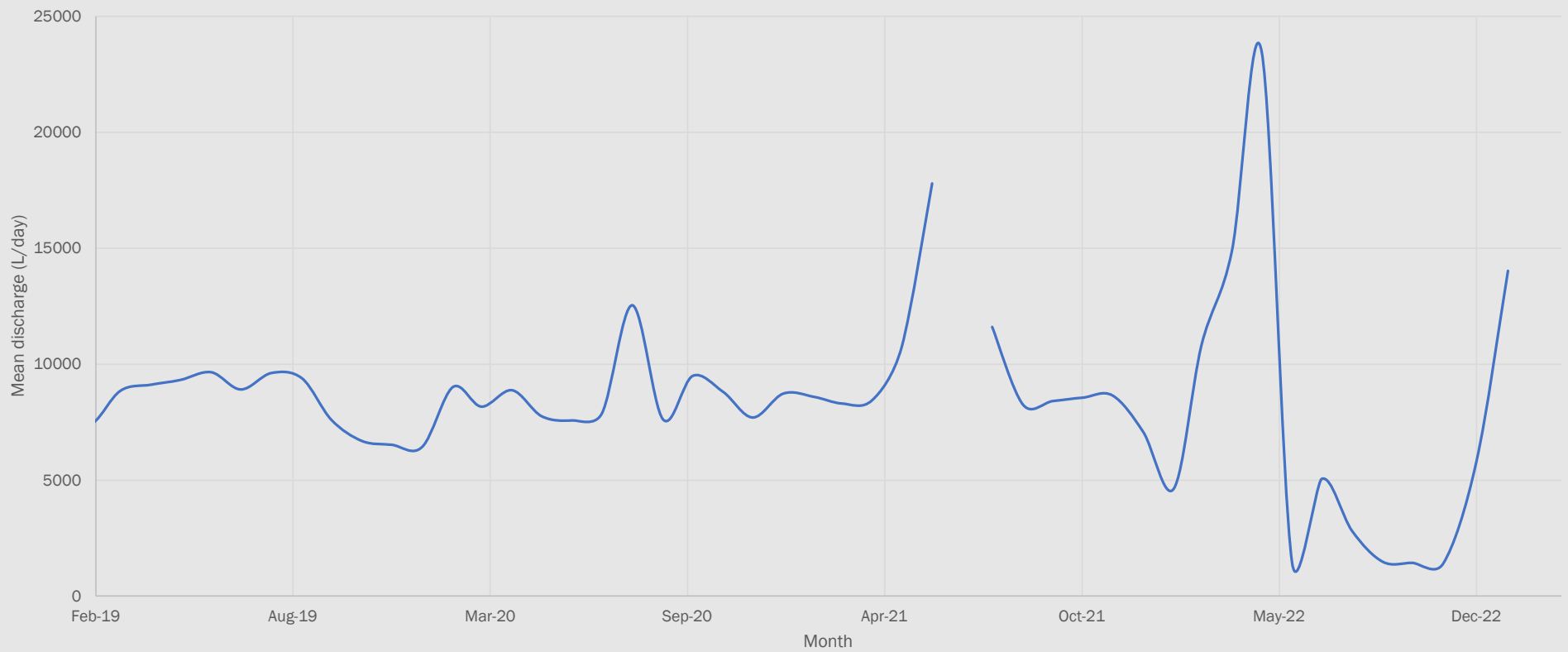
# Standing Water Level - Damar Lodge

Standing Water Level - Damar Lodge



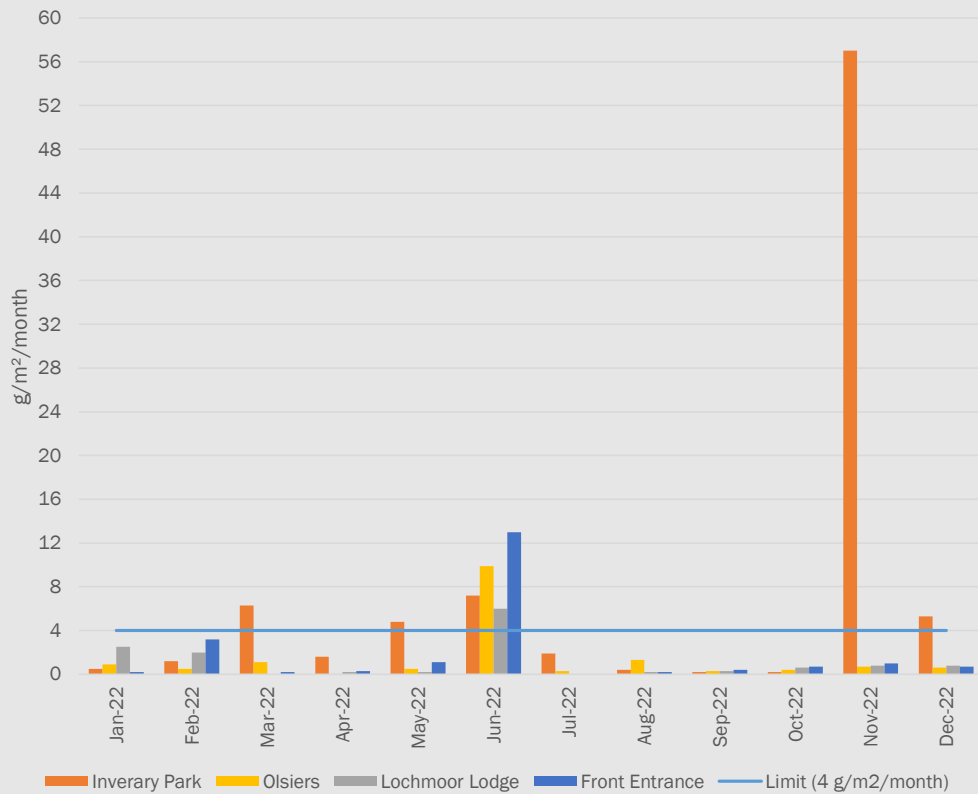
# Spring Flow - Inverary Park

Phils Spring 2019 - Present

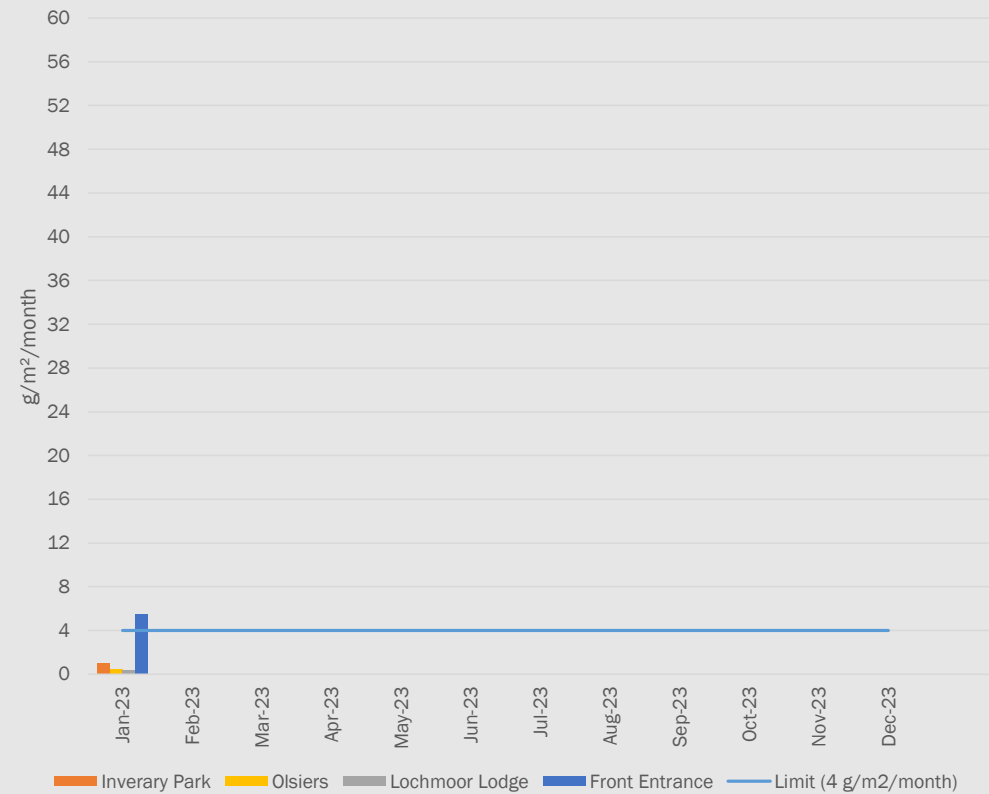


# Deposited dust (insoluble solids)

## Insoluble Solids - 2022

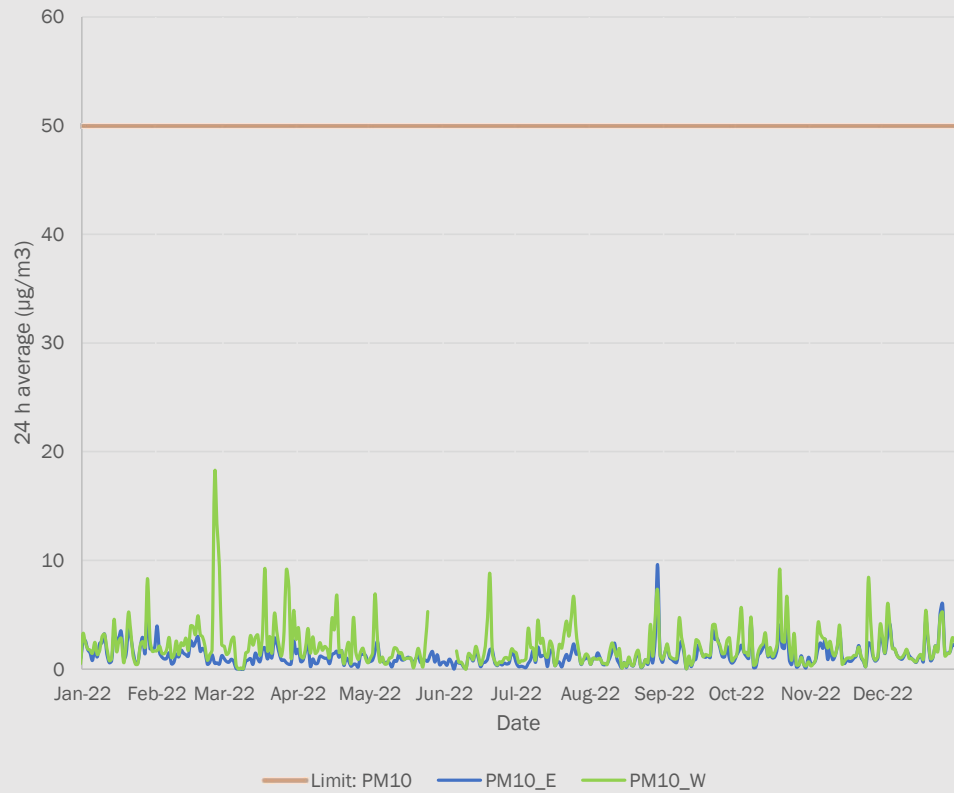


## Insoluble Solids - 2023

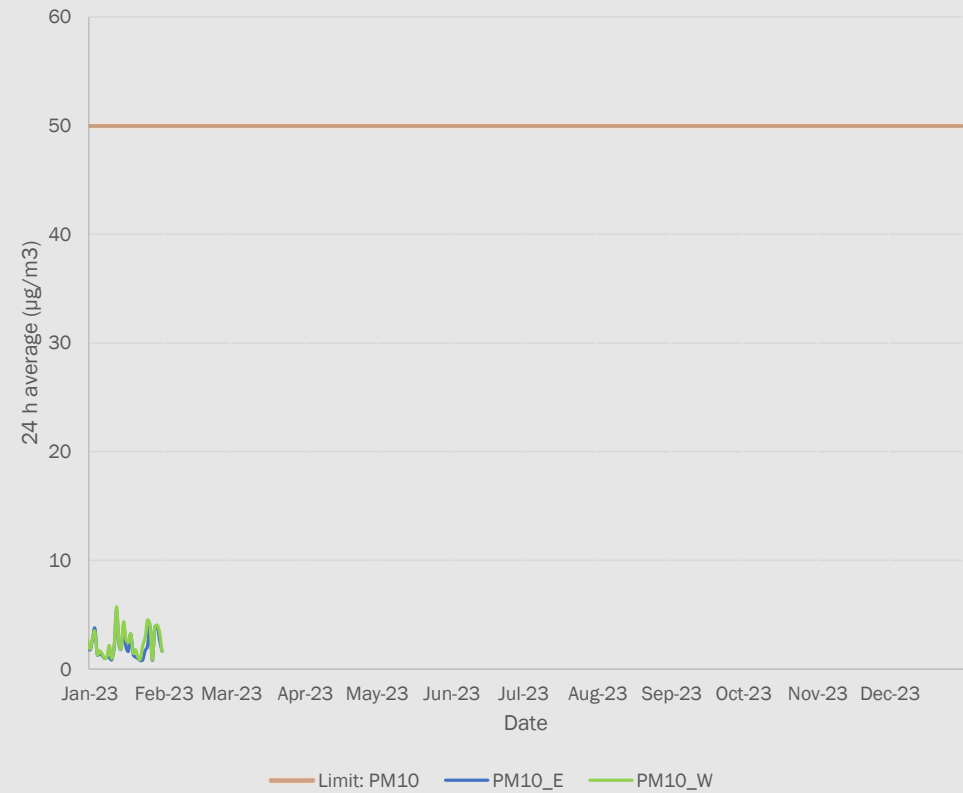


# Particulate matter - PM10 (IR Sensor)

PM10 2022

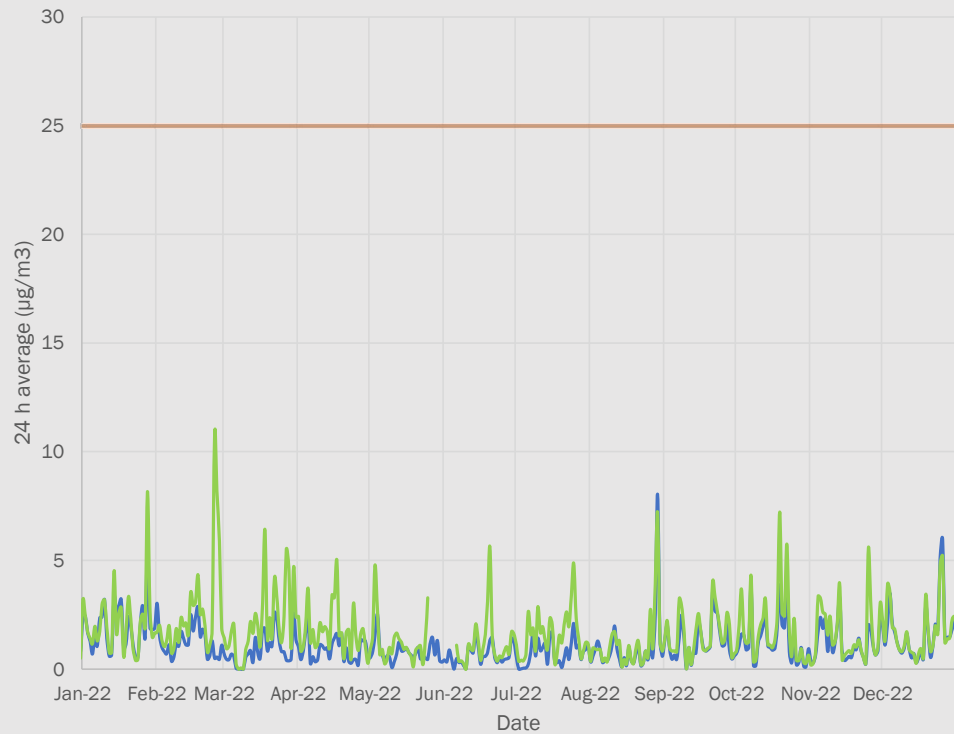


PM10 2023



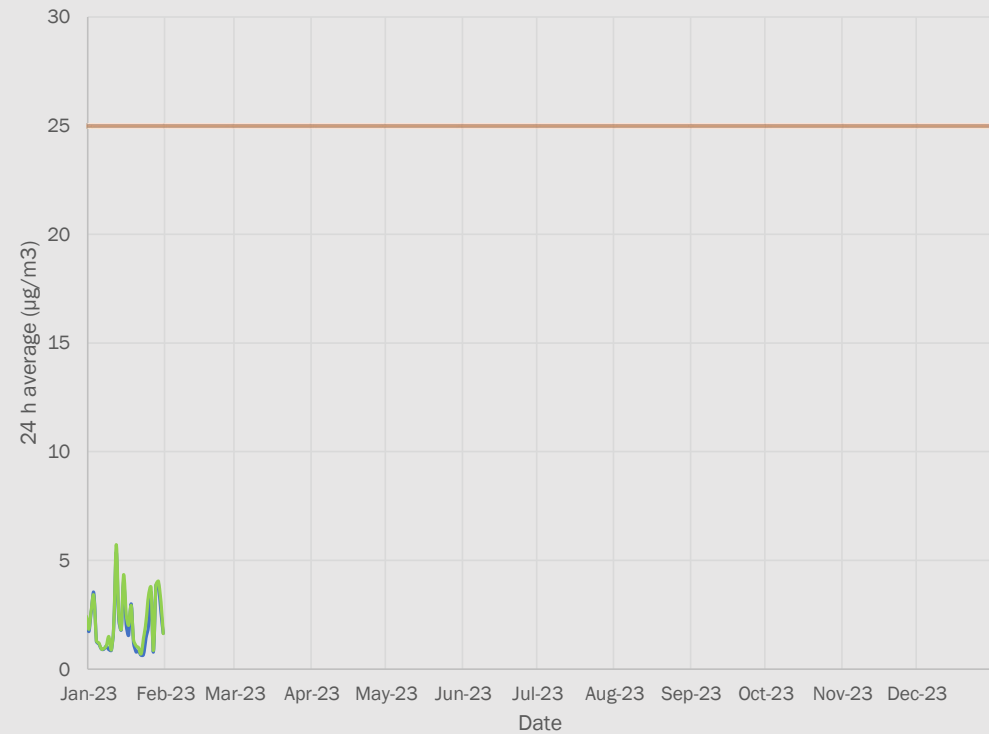
# Particulate matter - PM2.5 (IR Sensor)

PM2.5 2022



— Limit: PM2.5 — PM2.5\_E — PM2.5\_W

PM2.5 2023



— Limit: PM2.5 — PM2.5\_E — PM2.5\_W

# Complaints and feedback

- No complaints received since the November 2022 meeting.

