



Ardmore Park Quarry

CCC Meeting Friday 18th March 2022

Introduction

- Summary of operations
- Management Plan progress
- Road (haul route) update
- NRAR Notice
- Noise monitoring
- Audit
- Environmental monitoring
- Water usage
- Complaints



Operations

- Average approx. 20 trucks loads per day.
- Average continues to be affected by wet weather.
- Main priority continues to be sand extraction, with rock remaining at around 15% of sales.
- Back-filling of the void and construction of eastern bund is continuing.
- Operations under Modification 3 approval are projected to commence Q4 2021-22, but subject to the road and management plan approval.



Management Plans

- RW Corkery has been engaged to develop the Management Plans required to facilitate MOD 3.
- Once approved by DPIE we will upload final version to the website.

Document	Status	Submitted to DPIE
Noise Monitoring Program	Complete	Yes - 11 November
Air Quality Monitoring Program	Complete	Yes - 11 November
Water Management Plan	Nearing completion, to be submitted soon.	No
Landscape Management Plan	Nearing completion, to be submitted soon.	No
Aboriginal Heritage Management Plan	Complete	Yes - 11 November
Traffic Management Plan	Nearing completion, to be submitted soon.	No
Waste Management Plan	Nearing completion, to be submitted soon.	No

Road (haul route)

- Haul route work has been divided down into drainage work and drainage works.
- Drainage works commenced December 2021 and completed early March 2022 over entire haul route length. At total cost of approx. \$400,000.
- Works comprised excavating 15 km of table drains to depth as specified by geotechnical report. Where road configuration did not allow this, subsoil drainage was installed along approx. 1.5 km.
- Oallen Ford Rd public road damage at bypass entrance repaired with hot mix.
- Heavy patching scope has been determined (20,000 m² required) and 23,000 m² of resealing. 6 km of line marking. Patching works to commence shortly.
- Council and Multiquip are in negotiations regarding detail of funding arrangement.
- Oallen Ford Rd Report previously provided to Council and Jerrara Rd. report now submitted.

NRAR Investigation

- NRAR (Natural Resources Access Regulator) provided the Quarry with their response last week.
- The quarry has received a *Direction to Protect Water Source* which involves the decommissioning of old exploration/monitoring bores.
 - Multiquip is developing an action plan to implement the requirements of the Direction. We have 12 months to comply with the requirements.
- The quarry has also received a Penalty Notice for construction or using a water supply work without approval. Multiquip rejects the finding of NRAR but has paid the penalty notice on a commercial basis.

Noise Monitoring and Audit

- Noise monitoring was carried out in early February 2022 by Pulse White Noise Acoustics.
 - No residences needed to be accessed for the monitoring to occur.
 - Correlation – readings at residences. Prior approval TBC.
- The monitoring report indicated there was no non compliance.
- The results of noise monitoring are included in the monitoring update available on the website.
- Ramboll approved by DPIE as auditor and Audit has commenced.
- Site inspection to be undertaken towards the end of March, with the final report to be prepared within 6 weeks of that date.

Monitoring



- Monitoring results are uploaded onto the website monthly (EPL data) and quarterly (Project Approval data). Feb data available.
- Continuous IR particulate monitoring stations are operating, and data will be included in the next quarterly monitoring report.
- Water sampling is done quarterly for BHS1-6, BH6, Phils spring, Southern spring and annually for BHAP1, BHAP5, BHAP6 and BHAP10. Most recently done in January.

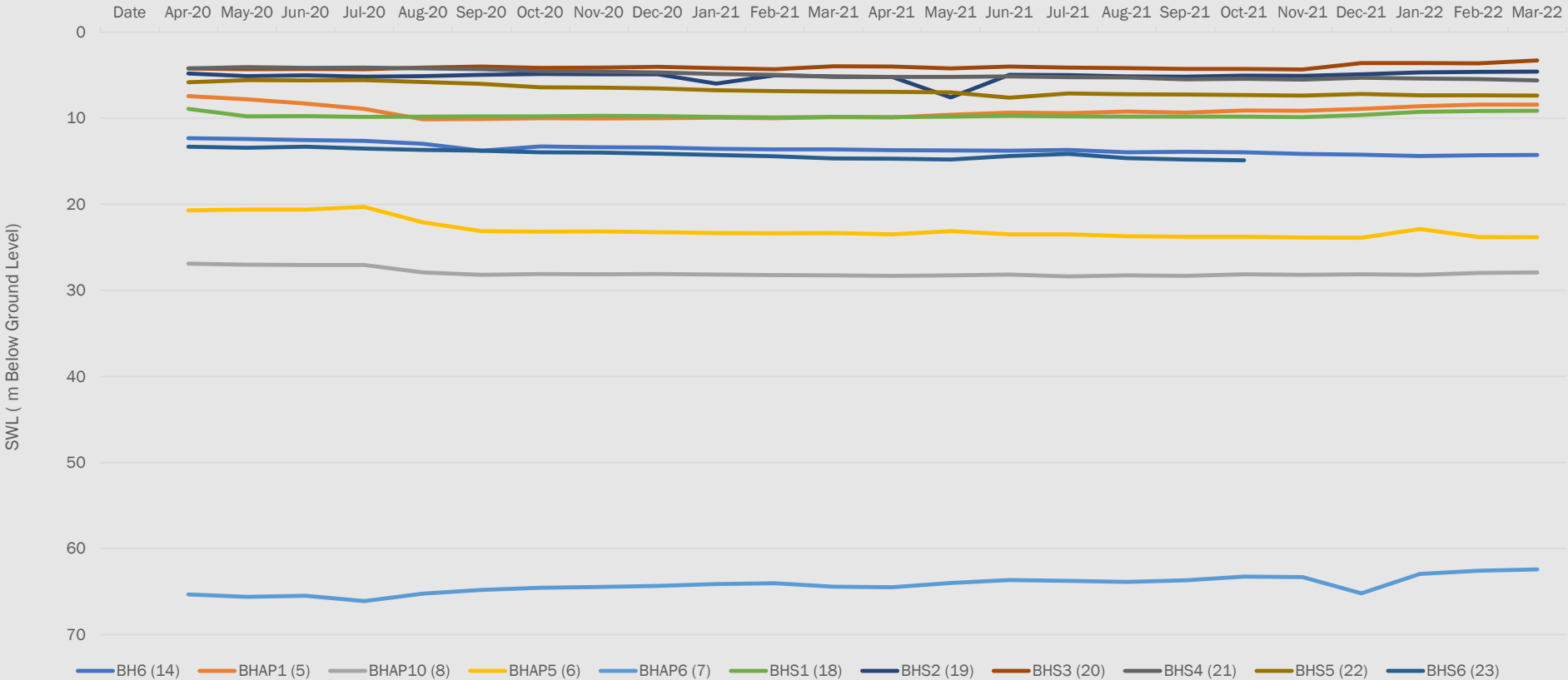
Site monitoring results

- Groundwater standing water levels have remained stable.
- Elevated dust readings were combustible matter (non-soil dust) and as such not attributable to quarrying activities. Notifications to DPIE were submitted. No action from DPIE needed.
- Particulate matter results were well below relevant limits.



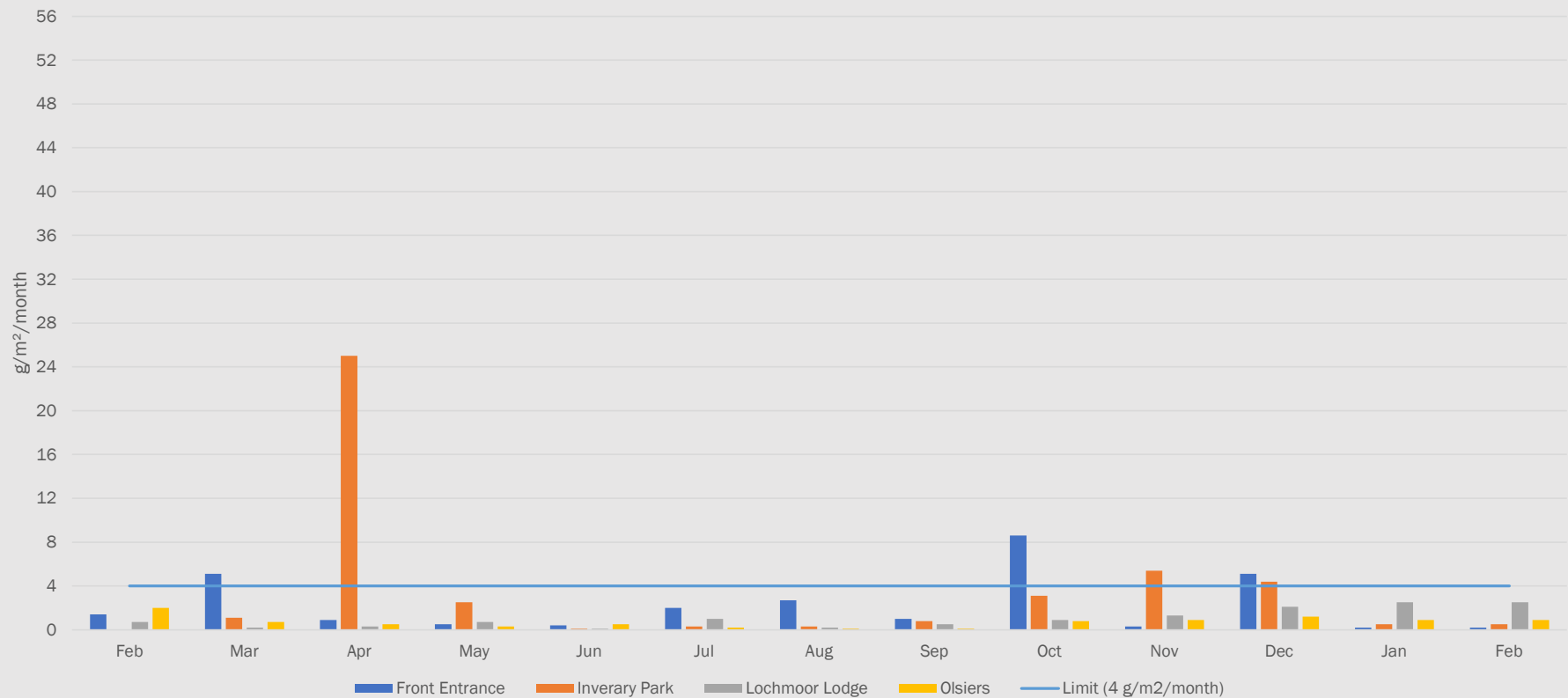
Monitoring bores - standing water level (depth)

Standing water level April 2020 to March 2022



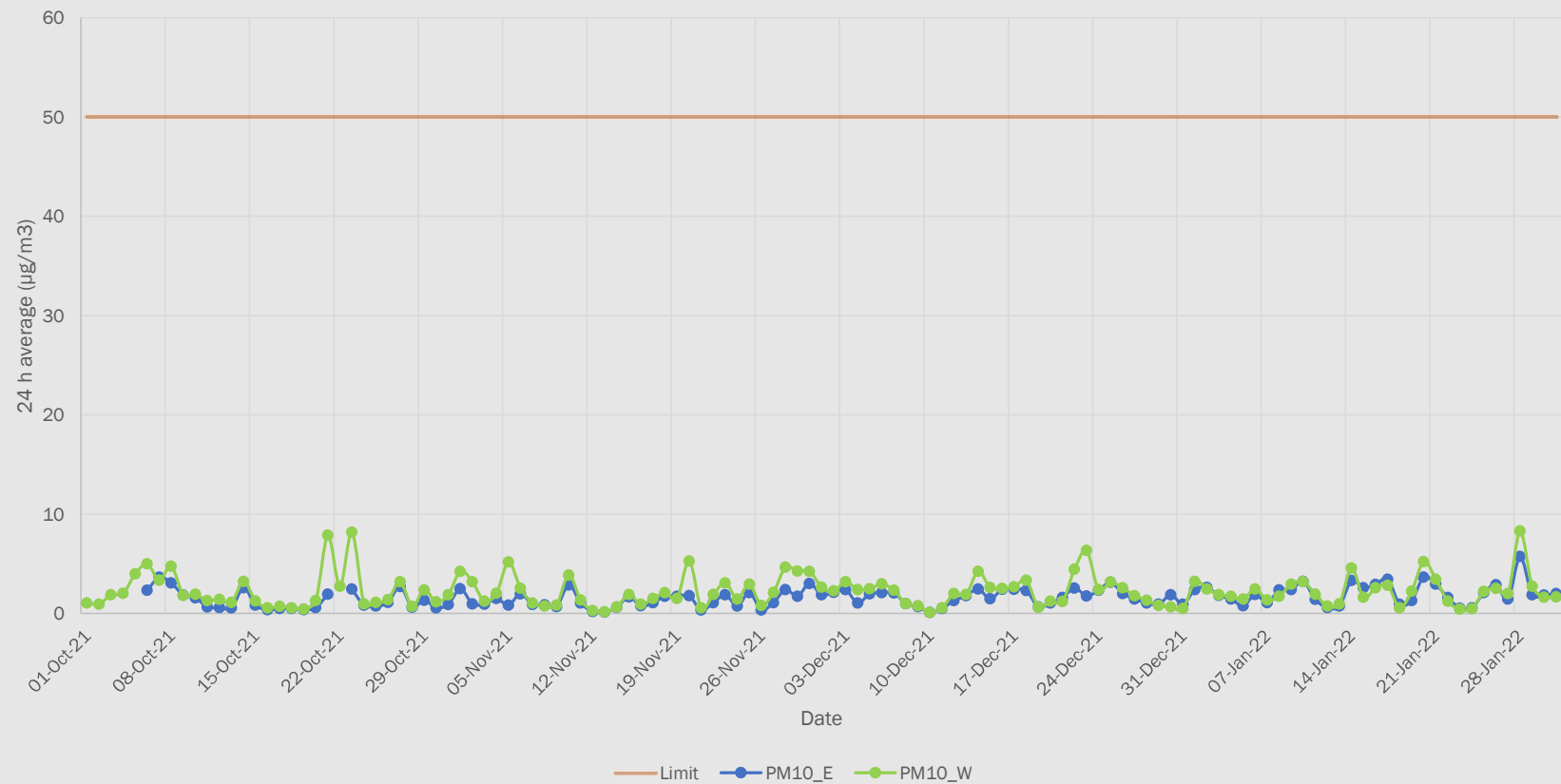
Deposited dust (insoluble solids)

Insoluble Solids - Feb 2021 to Feb 2022

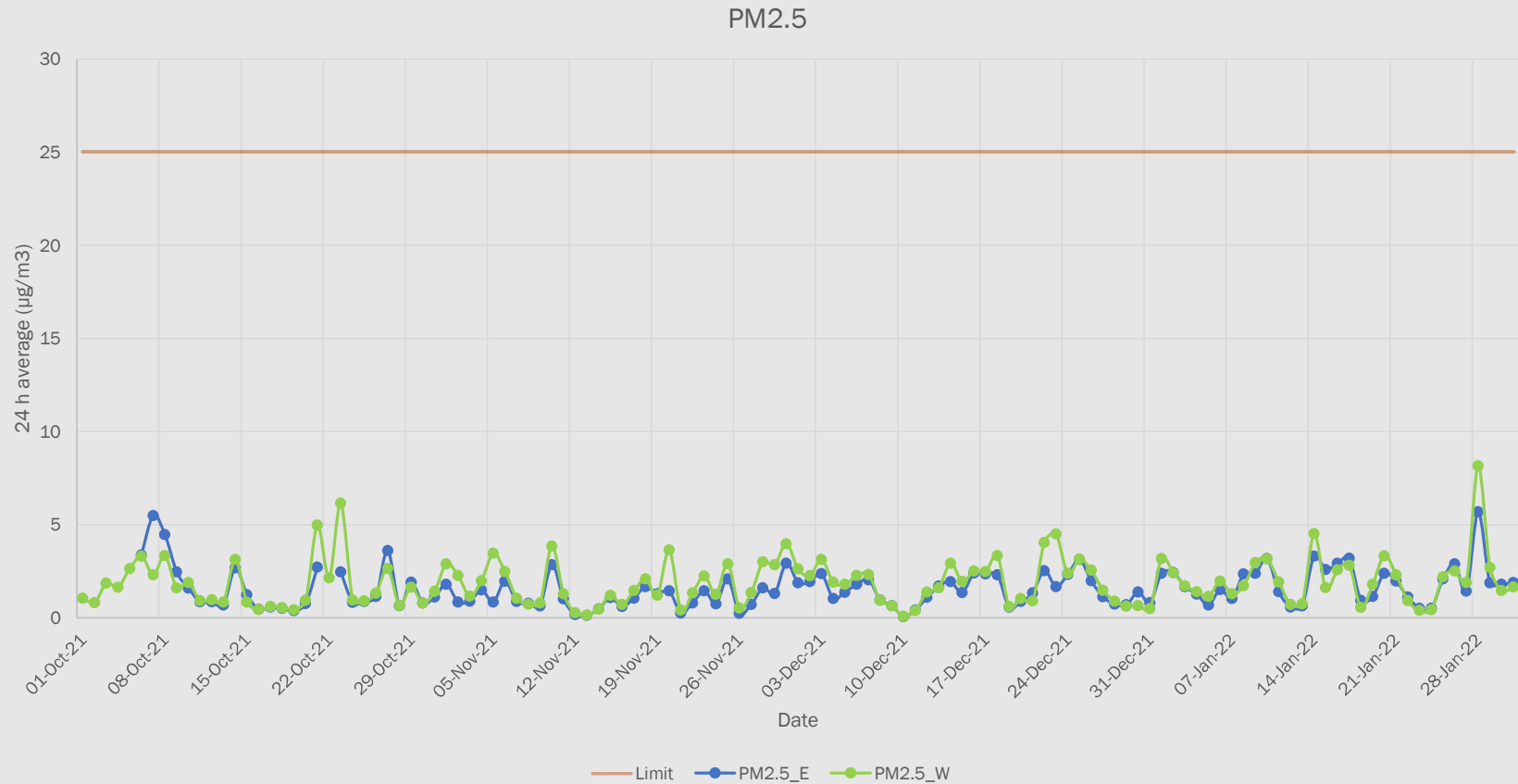


Particulate matter - PM10 (IR Sensor)

PM10



Particulate matter - PM2.5 (IR Sensor)



Complaints and feedback

- Since the last CCC Meeting, no direct complaints have been received.
- Discussion with Daryl Knight regarding VIA conclusions:
 - James H has discussed with Daryl the findings of the VIA in relation to his property.
 - We are awaiting approval of the document, but note the requirement to implement controls in consultation with landowners in the view shed.
 - We will discuss further with Daryl to identify suitable mitigation.

