



# Ardmore Park Quarry

**CCC Meeting Wednesday 11<sup>th</sup> August 2021**

# Introduction

- Introduction to James
- Summary of operations
- Management Plans
- Road (haul route)
- 2020 AEMR
- Noise monitoring and audit
- Environmental monitoring
- Complaints
- Water usage



# Introduction to 4Pillars

- Alex Cox is taking a sabbatical to pursue a PhD at Australian National University.
- Alex will be working part time, but Multiquip has engaged 4Pillars Environmental Consulting to assist.
- James Hammond is the Director of 4Pillars and responsible for meeting our responsibilities on the Ardmore Park Quarry.
- James has extensive experience in environmental management of quarries, regulator and stakeholder liaison and environmental compliance.
- James can be contacted via 0423 196 069 or [james@4Pillars.com.au](mailto:james@4Pillars.com.au)

# Operations

- Average between 30 – 40 trucks loads per day.
- Main priority continues to be sand extraction, with rock increasing to around 15% of sales.
- Back-filling of the void has commenced.
- Construction of northern bund wall continues.
- Operations under Modification 3 approval have not commenced – projected to commence Q4 2021-22, but subject to the road and management plan approval.



# Water licence

- Multiquip lodged an application to NRAR in August 2020 to match an existing water licence to a new works approval.
- In February 2021 this works approval was granted. The nominated works included a 4 inch, sled mounted pump located in the quarry void.
- This enables take of up to 100 units (ML) from the quarry void for use at the mine. Outlet is at the main sand wash dam.
- Usage is metered and will be reported via I-Was accounting system managed by Water NSW and in the Annual Environmental Management Review.

# Management Plans

- The Visual Impact Assessment has been lodged with DPIE.
- There are a number of management plans that require revision prior to commencement of Mod 3.
- Multiquip has engaged RW Corkery and Co to revise the existing management plans.
- We expect development of the plans to occur over the coming months.



# Road (haul route)

- Prior to commencement of Mod 3 truck levels, the Environmental Approval requires the haul route to be upgraded to the satisfaction of Council.
- Council has raised concerns regarding the condition of the haul route.
- Council and Multiquip are in negotiations regarding details and financial liability for repairs.
- Council has commissioned a road safety survey.
- Multiquip has commissioned a geotechnical investigation of the haul route (expected August 2021).
- Multiquip and council joint objective for repairs to commence – September 2021, subject to outstanding detail being resolved.

# 2019-2020 AEMR

**MULTIQUIP**  
QUARRIES

Ardmore Park Quarry

## Annual Environmental Review

21<sup>st</sup> August 2019 - 31<sup>st</sup> December 2020



- The 2020 AEMR was submitted to DPIE in early June.
- We had notified DPIE of the slight delay in submission, due to it falling within the handover period with 4Pillars.
- DPIE has written back to Multiquip and requested some clarifications. Which has been responded to.
- The AEMR is being made available on the website.



# Noise monitoring and Audit

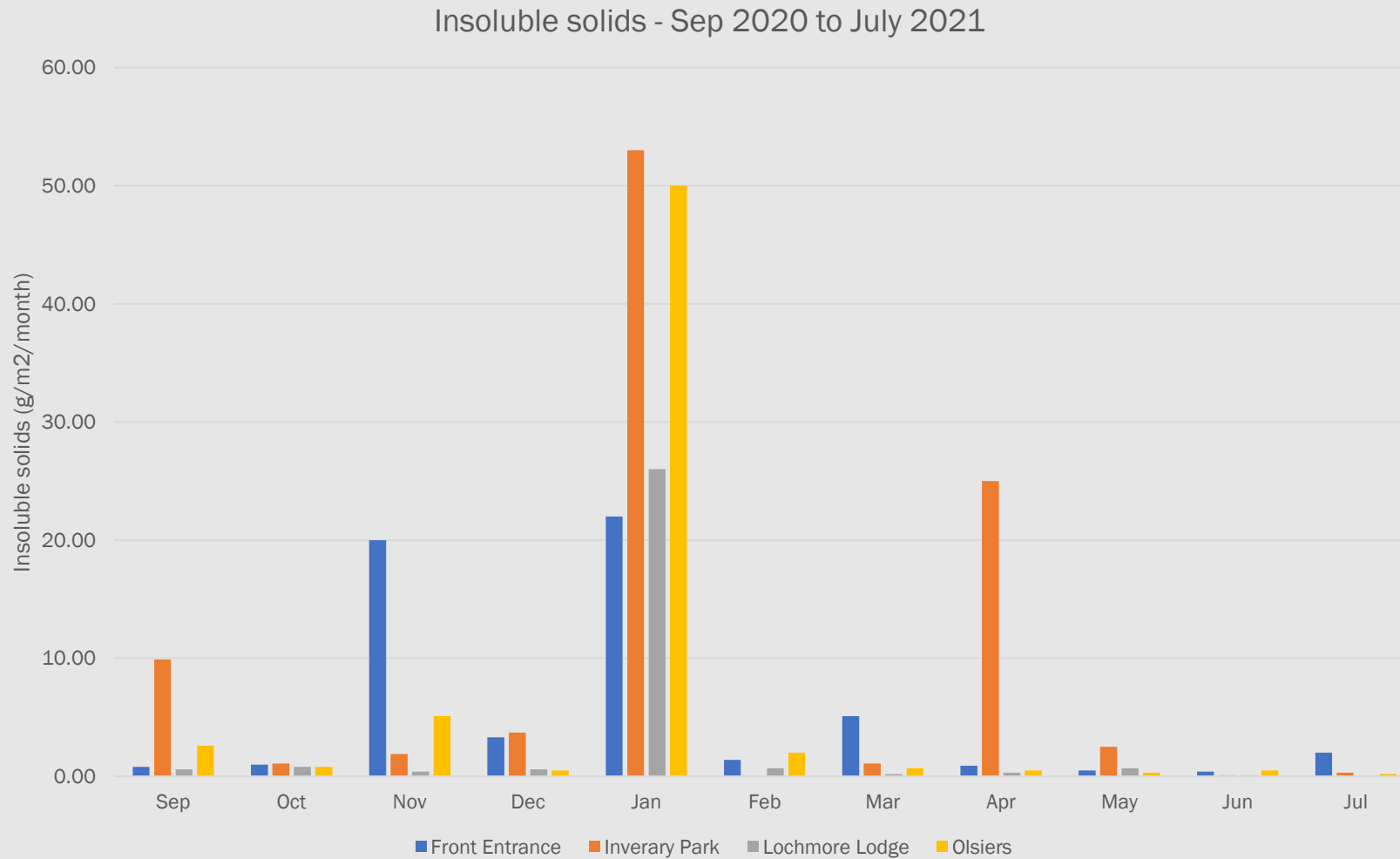
- Noise monitoring was carried out in early August by Pulse White Noise Acoustics.
- We are also in the process of selecting an independent consultant to carry out the 2021 compliance audit. The exact timing of the audit is yet to be determined.
- Both of these may be affected by Covid restrictions, as consultants are travelling from Sydney, but we do not foresee any major issues.
- We will advise the CCC when these items are complete.

# Monitoring



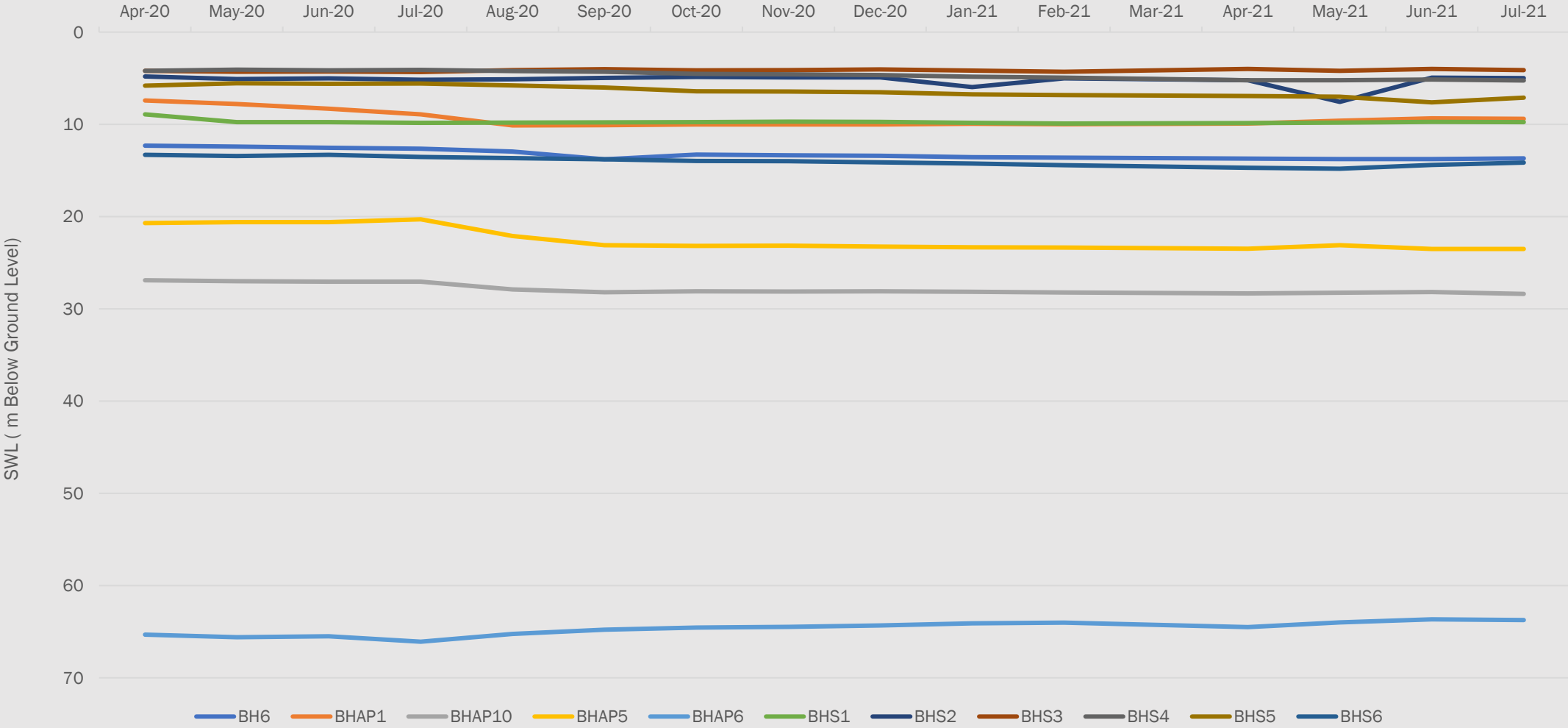
- The monitoring results have been updated on the website.
- Trials of the IR particulate monitoring stations are ongoing.
- Water sampling is done quarterly for BHS1-6, BH6, Phils spring, Southern spring and annually for BHAP1, BHAP5, BHAP6 and BHAP10.
- The May round of sampling did not identify pollutants in monitoring bores (e.g. hydrocarbons/heavy metals).

# Deposited dust (insoluble solids)



# Monitoring bores - standing water level (depth)

Standing water level April 2020 to July 2021



# Complaints

- Received no complaints since previous CCC meeting.

