

2020 Non Compliances and Departures From Environment Plans, Procedures and Codes of Conduct.

| Date | Non Compliance | Reason |
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| January | Exceedance of the PM10 24Hr Max Criteria on the 3 rd and 21 st of January. The high volume air sampler recorded a reading of 71µg/m ³ and 72µg/m ³ respectively, which is greater than the 24hr max criteria of 50µg/m ³ . | Significant smokey conditions was prevalent during these dates due to surrounding bushfires and the quarry was not operating on the 3 rd of January. During the hours of production the quarry executed its dust suppression controls (watercart and spray bars). |
| February | <p>Exceedance of the 120dBl overpressure criteria occurred on 13/02/20 during blasting activities in the southern extraction area. An overpressure reading of 122.3dBl was recorded at the back gate monitoring point.</p> <p>An independent audit was conducted in February by an auditor approved by the department. The audit identified some non-compliances that were administrative in nature. These</p> | <p>We conducted an investigation into the exceedance and determined that the cause was due blast design parameters and environmental conditions. Key factors that contributed to the exceedance were:</p> <ul style="list-style-type: none"> • <i>Steep sloping ground not being identified and sufficient burden not being allowed.</i> • <i>Conglomerate rock types have a higher degree of surface expression and no drillers logs were available for review</i> • <i>Overcast cloud conditions.</i> • <i>Holes lost along the control row due to a prior rain event allowed timing of the shot to be reinforced at the monitor.</i> • <i>If monitor was in the correct location the expected overpressure would have been 119.95dBl which is under the maximum criteria.</i> <p>Additional considerations have been implemented into the blast contractors blast design procedures to mitigate against an exceedance re-occurring.</p> <p>Metromix has responded to these non-compliances which are described in the final audit report. The final audit report has been approved by the DPIE on 24/04/2020 and is now available for viewing on the Metromix website.</p> |

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| | <p>non-compliances are described below:</p> <ul style="list-style-type: none"> Noise reports had not been submitted to the EPA within 30 days of completion of noise monitoring. The rehabilitation bond had not been submitted to DPI&E within 6 months of the approval of the Biodiversity and Rehabilitation Management Plan. All management plans had not been submitted to the Secretary within 3 months of modification of the conditions of approval. The Air Quality Management Plan, Blast Management Plan, Traffic Management Plan, Water Management Plan and Environmental Management Strategy had not been submitted within the required timeframe. Records of complaints did not always include the information as required by EPL 0536 M5.2. Records of noise complaint in April 2018 did not include date and time or details of the complainant (EPL Condition M5.2). The EPA had not been informed in writing of the appointment of the new Quarry Manager as the site contact person (EPL Condition G2.2). | |
| March | Exceedance of the 115dBl overpressure criteria occurred on | We conducted an investigation into the exceedance and determined that the cause |

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| | | on the day and consulting with quarry management if adverse conditions are forecast. | | | | | | | |
| April | Nil | Nil | | | | | | | |
| May | Nil | Nil | | | | | | | |
| June | Nil | Nil | | | | | | | |
| July | Water discharge from monitoring point EPA 5 (Dam B) on the 26 th to the 29 th of July exceeded the Total Suspended Solid criteria of 50mg/L. This limit is imposed under Condition L2.4 of EPL 536 and Condition 26 of Project Approval 10_0183. | | | | An extremely heavy rain event occurred at the Quarry between the 25 th of July to the 28 th of July 2020. The rainfall was such that overflow of Dam B was recorded over five consecutive days and the level of rainfall had caused a high volume of runoff to enter the Quarry water management system. The below table presents a summary of the rainfall recorded and water monitoring outcomes during the period with monitoring undertaken during all days when discharge from Dam B was observed. | | | | |
| | | Units | Criteria | 26/7 | 27/7 | 28/7 | 29/7 | 30/7 | 31/7 |
| | Rainfall | mm | N/A | 129.4 | 16 | 18 | - | - | - |
| | pH | | 6.5-8.5 | Not Sampled | 6.91 | 6.93 | 6.9 | 6.92 | 6.89 |
| | Electrical Conductivity | µS/cm | 125-2200* | | 792 | 701 | 692 | 730 | 809 |
| | Total Suspended Solids | mg/L | 50 | | 71 | 60 | 55 | 41 | 40 |
| | Oil & Grease | mg/L | 10 | | 10 | 7 | <5 | <5 | <5 |
| | * Criteria based on ANZG 2018 Guidelines all other criteria from EPL 536 | | | | | | | | |
| | Metromix has reported this exceedance to the EPA and Department of Planning Industry & Environment and at this stage there is no indication that alternative or additional management measures are necessary as a result of these records. | | | | | | | | |
| August | Nil | Nil | | | | | | | |
| September | Nil | Nil | | | | | | | |
| October | Nil | Nil | | | | | | | |
| November | November monthly water grab sample at EPA Point 4 was missed (M2.3) | | | | There was a change of personnel in the Leading Hand role and during the handover period the required monthly grab sample was missed. The December water grab sample was successfully tested and the results came back within the specified criteria. | | | | |
| December | Nil | Nil | | | | | | | |

