



Date	Nature of Complaint / Incident	Complaint / Incident	Action Taken
3, 6, 16, 18, 19, 20 and 24 January 2022	Technical non-compliance - PM2.5 daily average exceedances	On the 14th February 2022, Delta Coal staff downloaded PM2.5 data from a continuous particle Beta-attenuation monitoring (BAM) unit, and identified 7 days of non-compliance to 24-hour PM2.5 limits in the January 2022 period. The location of the PM2.5 unit is off Tingley Road, Wyee. The location of Delta Coals operations to the PM2.5 monitor and prevailing meteorological conditions throughout the period, Delta Coal has determined that its operations did not contribute with any significance to the non-compliances recorded at Tingley Road, Wyee. This is	Further calibration and replacement of filters are being undertaken by the maintenance contractor and the unit's performance will be monitored. Alarms have been developed on the PM2.5 unit based on instantaneous (forecasted to 24/hr) readings for exceedances of daily average limits, which allows for faster turn-around times with potential unit repairs and maintenance requirements, as well as, faster investigation of non-compliances and potential incidents. Delta Coal will develop a trigger action response plan (TARP) to further detail the management procedures for the newly established PM2.5 alarms.
Monday, 14 February 2022	Complaint - Noise	Resident of MSHV lodged a noise complaint on 14/02/2022. Noted that there had been an increase in ambient 'thumping' from mid night, particularly 3:15am. The complainant noted that the noise had improved of recent however.	Delta Coal investigated the site operations at Manning Colliery for which the Coal Handling and Preparation Plant and overland conveyor to VPPS were operational during the complaint period and reviewed noise logger data (directional to MC, low Pass, <800Hz at 21 dB[A] at 3:15am).
Wednesday, 20 April 2022	Non-compliance to daily average PM2.5 concentration	The non-compliance was recorded at a continuous BAM unit located at Wyee, with a daily average concentration of 28.6 ug/m3 exceeding the 25 ug/m3 daily average limit.	The non-compliance to PA-06_0311 was reported to the NSW EPA, DPE and Resources Regulator. It was noted that during the periods where exceedances of daily limits were observed, coal production and coal handling was not occurring at Delta Coal facilities (maintenance shift), and in-turn it was not considered that the exceeding PM2.5 concentrations were attributed to Delta Coal operations.
Thursday, 21 April 2022	Non-compliance to monthly maximum increase of depositional dust limit	Depositional dust gauge 2 at Manning Colliery exceeded monthly incremental increase limits (2g/m2/month) with a result of 3.2 g/m2/month and a prior month result of 0.1 g/m2/month. The result did not exceed the annual average limit of	The non-compliance was notified to the NSW EPA, DPIE and Resources regulator. The investigation showed that the other dust gauges located on the perimeter of Manning Colliery did not identify significant increase in dust concentrations during the same period. It was determined that the DG2 result was due to contamination.
Wednesday, 8 June 2022	PM2.5 unit vandalised	the BAM unit located in Wyee utilised to monitor PM2.5 concentrations was vandalised and following did not fully function and impacting the units operation.	the unit was replaced with a TEOM unit on the 30th June 2022. Data recorded in the period of 8 to 30 June 2022 was substituted with the annual average value. The incident was reported to the NSW EPA, DPE and Resources Regulator.

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Tuesday, 5 July 2022	Volumetric Discharge Exceedance	<p>On 5th July 2022 an exceedance of the daily volume discharge limit for Point 1 was recorded by the site flow meters due to an intensive rainfall event.</p> <p>The recorded daily volume discharged on 5 July 2022 was 4,248 kL.</p>	<p>The volumetric exceedance was reported to the NSW EPA, NSW DPE and NSW Resources Regulator. Actions resulting from the incident investigation include:</p> <ul style="list-style-type: none"> - Delta Coal will review the MC site water balance and TARP. - Delta Coal will review and maintain the clean water diversion system to ensure no additional load is placed on the surge capacity management.
Thursday, 7 July 2022	Total Suspended Solids Exceedance	<p>On 11 July 2022 Delta Coal received water quality analytical results for an exceedance of the 50 mg/L total suspended solids (TSS) limit. The sample was collected on the 7th July 2022 at 12:00pm with a TSS concentration of 166 mg/L.</p>	<p>The TSS exceedance was investigated and reported to the NSW EPA, NSW DPE and NSW Resources Regulator. Actions resulting from the incident investigation include:</p> <ul style="list-style-type: none"> - Delta Coal will review the MC Site water balance and TARP - Delta Coal will review and maintain clean water diversion system to ensure no additional load is placed on the surge capacity management - Delta Coal will investigate improvements in the pond flocculant system.
Wednesday, 12 October 2022	Total Suspended Solids Exceedance	<p>On 14 October 2022 Delta Coal received water quality analytical results for an exceedance of the 50 mg/L total suspended solids (TSS) limit. The sample was collected on 12 October 2022 at 9:05am with a TSS concentration of 59mg/L.</p>	<p>The TSS exceedance was investigated and reported to the NSW EPA, NSW DPE and NSW Resources Regulator. Actions resulting from the incident investigation include:</p> <ul style="list-style-type: none"> - Delta Coal will continue to review the updates to the site water balance and TARP. - Delta Coal will continue to undertake investigations on methods to improve the pond flocculant system.
Friday, 4 November 2022	Depositional Dust Exceedance	<p>on 15 November 2022 Delta Coal received depositional dust analysis results. It was reported that DG1 recorded a level of 9.6 g/m2/month.</p>	<p>The exceedance was reported to the NSW EPA and NSW DPE. The exceedance was investigated, it was noted that the result was anomalous the nearby dust gauges. The annual average value for DG1 remained below the limit of 4 g/m2/month. Actions resulting from the exceedance were for Delta Coal to continue to monitor Depositional Dust at Manning Colliery for any trends which may present and implement dust mitigation measures as a result.</p>
Thursday, 15 December 2022	Exceedance of Noise Limits	<p>on 15 December 2022, a noise exceedance was recorded at monitoring location RA2, adjacent Macquarie Shores Home Village. A result of 41 dB(A) was recorded against the limit for the location of 40 dB(A).</p>	<p>Noise monitoring at RA2 identified a LAEQ (15 Min) result of 41 dB(A) with a limit imposed on the location of 40 dB(A). Mitigation measures were implemented, however the exceedance persisted in noise enhancing meteorological conditions and subsequently Delta Coal ceased operations until commencement of the day-time period as defined in the Noise Policy for Industry Guidelines (NSW EPA, 2017).</p> <p>Follow-up monitoring was undertaken on the 16th December 2022 when operations recommenced, confirming that the noise exceedance was not on-going.</p> <p>Delta Coal reported the exceedance to the NSW DPE and undertook an incident investigation into the cause of the exceedance.</p>