

Date	Nature of Complaint/Incident	Complaint/Incident Details	Action Taken
Tuesday, 18 January 2022	Incident – Faecal Coliform Exceedance at CVC LDP1	On 21 Jan Delta Coal received analytical results for monthly sampling of the LDP1 discharge point, indicating an exceedance of Faecal Coliform (FC) limits (result of 220 CFU/100ml exceeding the limit of 200 CFU/100ml). It was noted that sampling at the LDP1 outlet to creek location recorded a result of 96 CFU/100ml and upstream of the discharge point indicated a FC concentration of 520 CFU/100ml.	The incident was reported to the NSW EPA, Department of Planning, Industry and Environment and the Resources Regulator. Delta Coal reviewed and update it's chlorine dosing units dosage timing and volume for CVC effluent. Delta Coal remains committed to the Chain Valley Colliery Sewer Pipeline connection, with a completion date before the 25th August 2022 per EPL 1770.
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, Wye. 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, Wye. This is based on site operations and meteorological conditions.	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.
Wednesday, 30 March 2022	Exceedance of EPL 1770 Faecal Coliform Limit (200 CFU/100ml) at LDP 27 (CVC spillway) during a storm event.	Exceedance of EPL 1770 Faecal Coliform Limit (200 CFU/100ml) at LDP 27 (CVC spillway) during a high intensity rainfall event on between 4:30pm and 7pm on 30th March 2022. During spillway discharge samples are to be collected of discharged waters daily, laboratory analysis identified a faecal coliform concentration of 1200 cfu/100ml, a total of 33 kL of surface water was discharged via LDP 27 on 30 March 2022.	The incident was reported to the NSW EPA, Department of Planning, Industry and Environment and the Resources Regulator. Delta Coal reviewed it's chlorine dosing system, noting it had recently increased dosage volumes, with field testing identifying chlorine presenting in concentrations that would disinfect water during routine monthly sampling. It was considered likely that the Faecal Coliform concentrations in surface waters collected within the CVC dam system catchment area likely contributed significantly to the exceedance. Delta Coal remains committed to the Chain Valley Colliery Sewer Pipeline connection, with a completion date before the 25th August 2022 per EPL 1770.
Wednesday, 20 April 2022	Non-compliance to daily average PM2.5 concentration	The non-compliance was recorded at a continuous BAM unit located at Wye, with a daily average concentration of 28.6 ug/m3 exceeding the 25 ug/m3 daily average limit.	The non-compliance to SSD-5465 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.
Wednesday, 8 June 2022	PM2.5 unit vandalised	the BAM unit located in Wye 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 Exceedance	On 5 July 2022 an exceedance of the combined discharge volume limit was recorded by the site flow meters, recording a total discharge of 15,370 kL. 166 kL was discharge via the Point 27 spillway between the hours of 1:55am and 3:35am. The exceedance was contributed to by an intensive rainfall event from 2-6 July 2022.	The volumetric exceedance was reported to the NSW EPA, NSW DPE and NSW Resources Regulator. Actions resulting from the incident investigation include: - Delta Coal will review the CVC site water balance and TARP to include time dependant escalation of failed water management infrastructure. - Delta Coal will review and maintain the clean water diversion system to ensure no additional load is placed on the surge capacit management. - Delta Coal will implement a short, medium and long term strategy to manage sampling of any Point 27 discharge (Spillway).
Tuesday, 5 July 2022	Faecal Coliform and Total Suspended Solids Exceedance	EPL 1770 requires that in the event a discharge is recorded at the Point 27 spillway, water quality samples must be collected daily of discharge waters. Spillway flow was recorded on 5 July 2022. Analytical results for the sample collected adjacent Point 27 exceeded both faecal coliform and total suspended solids (TSS) limits within EPL 1770 being 200 CFU/100ml and 50 mg/L respectively. The sample results were 360 CFU/100ml for faecal coliforms and 52 mg/L for TSS	The water quality non-compliance exceedance was reported to the NSW EPA, NSW DPE and NSW Resources Regulator. Actions resulting from the incident investigation include: - Complete CVC sewer connection project - Continue chlorine treatment of out-going effluent - Review the CVC water balance and TARP to include time dependant escalation of failed water management infrastructure - Review and conduct maintenance (as required) on clean water diversion systems at CVC.
Wednesday, 6 July 2022	Volumetric Exceedance	On 6 July 2022 an exceedance of the combined discharge volume limit was recorded by the site flow meters, recording a total discharge of 14,645 kL. There was no recorded discharge via the spillway (Point 27).	The volumetric exceedance was reported to the NSW EPA, NSW DPE and NSW Resources Regulator. Actions resulting from the incident investigation include: - Delta Coal will review the CVC site water balance and TARP to include time dependant escalation of failed water management infrastructure. - Delta Coal will review na daintain the clean water diversion system to ensure no additional load is placed on the surge capacit management. - Delta Coal will implement a short, medium and long term strategy to manage sampling of any Point 27 discharge (Spillway).
Friday, 8 July 2022	Missed Bathymetric Scanning Commitment	Delta Coal last conducted secondary extraction in August 2021 from Miniwall S5. Delta Coal last conducted a bathymetric survey over areas of secondary workings following completion of Miniwall S5 in September 2021. On the 8th of July 2022, Delta Coal became aware that a 6 monthly bathymetric survey was required during March 2022, resulting in a non-compliance to the Statement of Commitments of SSD-5465 (as modified).	The missed commitment was reported to the NSW DPE, NSW EPA and NSW Resources Regulator. Actions arising from the incident investigation include: - Commisioning of a bathymetric survey in September 2022 - Delta Coal will continue to undertake bathymetric surveys in accordance with the sites Development Consent and Statement of Commitments.

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Thursday, 15 September 2022	Noise Limit Exceedance at R22	Whilst undertaking on-site monitoring at R22 for the purpose of a noise mitigation options assessment, Delta Coal identified an exceedance of noise limits at receiver R22. The exceedance was not identified at the monitoring point for R22 (ATN007) due to inconsistencies between modelled low-frequency noise (LFN) and appropriate LFN penalties to be applied at ATN007.	Delta Coal became aware of the exceedance on the 21st of October 2022, notifying the resident at R22 as well as the NSW DPE, NSW EPA and NSW Resource Regulator. An incident investigation and report was submitted to relevant stakeholders. Follow-up monitoring at R22 was undertaken on the 3rd November in suitable meteorological conditions and did not identify an exceedance at R22. Delta Coal is investigating reasonable and feasible methodologies to mitigate ventilation fan noise contributing to the original exceedance at R22.
Saturday, 8 October 2022	Faecal Coliform and Total Suspended Solids Exceedance	EPL 1770 requires that in the event a discharge is recorded at the Point 27 spillway, water quality samples must be collected daily of discharge waters. Spillway flow was recorded on 8 October 2022. Analytical results for the sample collected from Point 27 during discharge exceeded both faecal coliform and total suspended solids (TSS) limits within EPL 1770 being 200 CFU/100ml and 50 mg/L respectively. The sample results were 420 CFU/100ml for faecal coliforms and 56 mg/L for TSS	The water quality non-compliance exceedance was reported to the NSW EPA, NSW DPE and NSW Resources Regulator. Actions resulting from the incident investigation include: - Continue progression toward completing CVC sewer connection project - Continue chlorine treatment of out-going effluent until CVC sewer connection project has been completed. - Continue to review and update the CVC water balance and TARP.
Friday, 4 November 2022	Depositional Dust Exceedance	on 15 November 2022 Delta Coal received depositional dust analysis results. It was reported that DDG006 recorded a level of 12.5 g/m ² /month.	The exceedance was reported to the NSW EPA and NSW DPE. The exceedance was investigated, it was noted that the operation of the CVC ventilation fans had not changed in the monitoring period. The annual average value for DDG006 remained below the limit of 4 g/m ² /month. Actions resulting for the exceedance were for Delta Coal to continue to monitor Depositional Dust at the CVC ventilation fan for any trends which may present and implement dust mitigation measures as a result.
Friday, 25 November 2022	Public Enquiry	Enquiry received from resident of Mirrabooka regarding subsidence.	The resident noted erosion on their property and queried if this was due to undermining undertaken by Delta Coal. Delta Coal noted that there had been no recorded subsidence as a result of the mining operation recorded in the vicinity of the property. Delta Coal is working with the resident to meet and inspect the reported erosion.