

COMPLAINT AND INCIDENT REGISTER - 2020

Chain Valley Colliery

Date	Nature of Complaint/Incident	Complaint/Incident Details	Action Taken
04/01/2020	Incident - PM10 dust exceedance	Exceedance of 24-hour average PM10 limit at the Chain Valley TEOM (Point 25) during a significant bushfire event.	An email was sent to the EPA and DPIE Compliance. DPIE consider this to be an extraordinary event as per Schedule 3, Condition 11, Tables 3 to 5, Note D of SSD 5465. No formal incident report is required.
05/01/2020	Incident - PM10 dust exceedance	Exceedance of 24-hour average PM10 limit at the Chain Valley TEOM (Point 25) during a significant bushfire event.	An email was sent to the EPA and DPIE Compliance. DPIE consider this to be an extraordinary event as per Schedule 3, Condition 11, Tables 3 to 5, Note D of SSD 5465. No formal incident report is required.
08/01/2020	Incident - PM10 dust exceedance	Exceedance of 24-hour average PM10 limit at the Chain Valley TEOM (Point 25) during a significant bushfire event.	An email was sent to the EPA and DPIE Compliance. DPIE consider this to be an extraordinary event as per Schedule 3, Condition 11, Tables 3 to 5, Note D of SSD 5465. No formal incident report is required.
24/01/2020	Incident - PM10 dust exceedance	Exceedance of 24-hour average PM10 limit at the Chain Valley TEOM (Point 25) during a significant bushfire event.	An email was sent to the EPA and DPIE Compliance. DPIE consider this to be an extraordinary event as per Schedule 3, Condition 11, Tables 3 to 5, Note D of SSD 5465. No formal incident report is required.
09/02/2020	Incident - Volume limit exceedance & TSS and FC exceedance	Exceedance of volumetric limit for discharges to waters at EPA Point 1 and Point 27 with a combined measurement of 13,044kL, which is 833kL more than the EPL 1770 limits of 12,161kL/day. The exceedance was caused by significant rainfall over a 3day period, with the most rain recored on 9/02/2020. Water samples were taken on 7/02 and 9/02 from the dam spillway (Point 27), with results showing exceedances for both Total Suspended Solids (50 mg/L) and Faecal coliforms exceedances (200 coliform forming units).	The EPA was notified was notified after confirming that the licensed daily volume had been exceeded on 10/02 and a formal incdent report was sent to the DPIE on the 17/02/20.
09/04/2020	Incident - Depositional dust exceedance	Exceedance of depositional dust limit at the Chain Valley depositional dust gauge DDG005 during the reporting period 09/03/2020 - 09/04/2020.	The EPA and DPIE were notified that there had been an exceedance. A formal incdent report was sent to DPIE on the 29/04/20. Eelevated levels at DDG005 was due to contamination by insects, plant material and minerals.
05/06/2020	Incident - Depositional dust exceedance	Exceedance of depositional dust limit at the Chain Valley depositional dust gauge DDG005 during the reporting period 08/05/2020 - 05/06/2020.	The NSW EPA and DPIE were notified that there had been an exceedance. A formal incident report was sent to DPIE on the 10/07/2020. Elevated concentrations of matter within DDG005 were due to plant material, minerals and animals.

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07/07/2020	Incident - Depositional dust exceedance	Exceedance of depositional dust limit at the Chain Valley depositional dust guage DDG005 during the reporting period 05/06/2020 - 07/07/2020.	The NSW EPA and DPIE were notified that there had been an exceedance. A formal incident report was sent to DPIE on the 16/07/2020. Elevated concentrations of matter within DDG005 were due to plant material, minerals and animals.
26/07/2020	Incident - Volume limit exceedance and FC exceedance	Exceedance of volumetric limit for off-site water discharge at EPA Point 1 and Point 27 with a combined measurement of 13,899L, which is 1,738kL more than the EPL 1770 limits of 12,161kL/day. The exceedance was caused by significant rainfall intensities over a 24 hour period (131.2mm) 90mm occuring after 4:00pm.	The NSW EPA, DPIE and Resource Regulator were notified of the incident on the 27/07/2020. A in-depth incident report was provided to stakeholders on 03/08/2020.
07/09/2020	Incident - Depositional dust exceedance	Exceedance of depositional dust limit at the Chain Valley depositional dust guage DDG005 during the reporting period 07/08/2020 - 07/09/2020.	The NSW EPA, DPIE and Resource Regulator were notified of the incident on the 16/09/2020. A in-depth incident report was provided to stakeholders on 19/09/2020. Elevated concentrations of matter within DDG005 were due to plant material, minerals and animals and were not considered to relate to Chain Valley Colliery operations.
21/09/2020	Incident - Previously Unidentified Aboriginal Heritage Artefact Disturbance	On the 21/09/2020, a site inspection was undertaken followign demolition of former derelict mine cottages, located adjacent the Lake Macquarie Foreshore. 2x susepcted midden sites were identified, one identified where kerbing and pavement had been located. The other midden site was disturbed through isntallation of a sediment fence.	Delta Coal engaged an aboriginal heritage archaeologist to inspect and validate the suspected midden sites. The sites were identified as CV002 and CV003 and have completed site cards registering the sites with AHIMS. Delta Coal notified Registered Aboriginal Parties (RAPs) of the unexpected find and invited the RAPs to attend and investigate the two sites. Delta Coal notified the Department of Planning and Environment (DPIE) and associated Biodiversity and Conservation Division of the incident. Delta Coal will fence the sites off to prevent unintended/unauthorised impacts and will manage the two Midden sites under Chain Valley Colliery's applicable Heritage Management Plan (HMP),

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09/10/2020	Complaint - Noise	Chain Valley Colliery received a phone call from a nearby resident at Kingfisher Shores at around 11am 09/10/2020, noting noise a-like to explosions. At the time of the complaint, demolition of redundant site infrastructure was being undertaken. The residence of the complainant is approximately 450m from the location of the demolition. The Environmental Compliance Coordinator attended the site and met with the complainant, who was satisfied knowing the works were temporary and the noise was not related to ongoing operations of the mine.	<p>At the time of the complaint, demolition of redundant site infrastructure was being undertaken. The residence of the complainant is approximately 450m from the location of the demolition. The Environmental Compliance Coordinator attended the site and met with the complainant, who was satisfied knowing the works were temporary and the noise was not related to ongoing operations of the mine.</p> <p>The Environmental Compliance Coordinator discussed with site demolition contractors methodology to reduce noise. Notably, at the time of the complaint, crushing of infrastructure was occurring proximal to the site boundary. The works were relocated as possible.</p>
18/11/2020	Incident - Depositional dust exceedance	Exceedance of depositional dust limit at the Chain Valley Colliery depositional dust gauge DDG005 during the reporting period 07/10/2020 - 06/11/2020.	Results were received on the 18th November 2020. DPIE-Compliance, RR and NSW EPA were notified of the non-compliance. Field observations made by the sampling consultant indicated heavy presence of bird droppings and contamination of the dust gauge unrelated to the Collierys activities, this was further confirmed via visual laboratory analysis.
11/12/2020	Incident - Depositional Dust Exceedance	Exceedance of depositional dust limit at the Chain Valley Colliery depositional dust gauges DDG001 (5.2 g/m2/month) and DDG005 (9.9 g/m2/month) for the period of 6th November 2020 to 7th December 2020.	Results were received on the 11th December 2020. DPIE - Compliance, RR and NSW EPA were notified of the non-compliance. Field observations and laboratory analysis indicated the guage had been contaminated by dust unrelated to site operations and organics, DPIE was the only regulatory body to provide a substansive response, indicating that the reporting value is an annual average value and not a monthly value.

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31/12/2020	Incident - Depositional Dust Exceedance - Annual Average Value Exceedance	Depositional dust gauge DDG005 (dust gauge located at CVC ventilation fan site a Summerland Point) exceeded the annual average limit of 4g/m ² /month (11.03 g/m ² /month).	<p>Delta Coal provided an incident report to DPIE-Compliance on the 28th January 2021, detailing the analytical depositional dust results, meteorological conditions, microscope photographs of the dried samples, field collection sheets and potential sources of contamination. The report was accepted by DPIE with no further actions required, with DPIE noting the following:</p> <ul style="list-style-type: none"> * DDG005 has been contaminated with organic matter on 7 out of 12 monitoring instances during the 2020 reporting period; * DDG006 was installed in February 2020 within the same general location as DDG005 to provide comparative results, and has continuously returned Deposited Dust levels below the 4 g/m²/month limit; * DDG006 is considered more representative of potential emissions from the Chain Valley Colliery ventilation fan site; and * Chain Valley Colliery has submitted an amended Air Quality and Greenhouse Gas Management Plan to the Department which proposes to replace DDG005 with DDG006.