

Date	Nature of Complaint/Incident	Complaint/Incident Details	Action Taken
Tuesday, 14 February 2023	Exceedance of EPL 1770 faecal coliform limit in EPA Point 1 discharge sampling	<p>Sampling on 14 February 2023 recorded a concentration of Faecal Coliforms of 240 CFU/100ml, with EPL 1770 stipulating a 200 CFU/100ml limit.</p> <p>It was noted that upstream sampling Faecal Coliform results were 1,400 CFU/100ml and outlet to creek results were 110 CFU/100ml. The sample was not considered odorous or turbid.</p>	<p>The exceedance was reported to the NSW Environmental Protection Authority (EPA) and NSW Department of Planning and Environment (DPE). Outgoing effluent at CVC is dosed with chlorine, dosing volumes were reviewed immediately upon receipt of analytical results and dosing volumes were increased. Delta Coal is completing a connection of site effluent to Council sewer and is committed to complete this project by the 24th May 2023.</p> <p>It was noted that upstream sampling Faecal Coliform results were 1,400 CFU/100ml and outlet to creek results were 110 CFU/100ml. The sample was not considered odorous or turbid.</p>
Friday, 3 March 2023	Exceedance of depositional dust maximum increase to previous months result	<p>There was an exceedance to the maximum total increase in deposited dust level (increase greater than 2 g/m²/month) at DDG 004 for the sampling period between 3 February 2023 and 3 March 2023. The monthly depositional dust level increase from 0.9 g/m²/month to 6.2 g/m²/month. It should be noted that the 12 month rolling average result remains below the annual limit of 4g/m²/month.</p>	<p>The testing laboratory (ALS Environmental Pty Ltd) reported that the deposition was 'heavy' in DDG004 and the samples were analysed to comprise the following:</p> <ul style="list-style-type: none"> Total insoluble matter – 6.2 g/m²/month Combustible matter – 0.6 g/m²/month Ash content – 5.6 g/m²/month Dirt – 60 % Coal – 20 % Sand – 10% Vegetation – 5 % Other impurities – 5% Insects – <5 % <p>Site operations were typical during the monitoring period. It is noted that CVC does not undertake coal handling on-site with potential dust generation predominately due to traffic on unsealed haul roads. Throughout the monitoring period watercart operations were undertaken on haul roads as is usual for the site.</p> <p>Delta Coal will continue to undertake dust mitigation measures in line with the approved Air Quality and Greenhouse Gas Management Plan for the site. Delta Coal will monitor the performance of DDG004 and will review dust mitigation measures should the elevated depositional dust levels persist in subsequent monitoring.</p>

Date	Nature of Complaint/Incident	Complaint/Incident Details	Action Taken
Monday, 20 March 2023	Exceedance of EPL 1770 faecal coliform limit in EPA Point 1 discharge sampling	Sampling on 20 March 2023 recorded a concentration of faecal coliforms of 340 CFU/100ml, with EPL 1770 stipulating a 200 CFU/100ml limit.	<p>The exceedance was reported to the NSW Environmental Protection Authority (EPA) and NSW Department of Planning and Environment (DPE). Outgoing effluent at CVC is dosed with chlorine, dosing volumes were reviewed immediately upon receipt of analytical results and dosing volumes were increased. Delta Coal is completing a connection of site effluent to Council sewer and is committed to complete this project by the 24th May 2023.</p> <p>It was noted that Enterococcus (considered a more reliable indicator of faecal contamination in marine waters) analytical results were 16 CFU/100ml which did not exceed primary or secondary contact guidelines (NHRMC, 2008). Upstream sampling Faecal Coliform results were 1,140 CFU/100ml. The sample was not considered odorous or turbid.</p>
Monday, 3 April 2023	Exceedance of depositional dust maximum increase to previous months result	There was an exceedance to the maximum total increase in deposited dust level (increase greater than 2 g/m ² /month) at DDG 004 for the sampling period between 3 March 2023 and 3 April 2023. The monthly depositional dust level increase from 6.2 g/m ² /month to 15g/m ² /month. It should be noted that the 12 month rolling average result remains below the annual limit of 4g/m ² /month.	<p>The testing laboratory (ALS Environmental Pty Ltd) reported that the deposition was 'very heavy' in DDG004 and the samples were analysed to comprise the following:</p> <ul style="list-style-type: none"> Total insoluble matter – 15 g/m²/month Combustible matter – 1.3 g/m²/month Ash content – 13.7 g/m²/month Dirt – 80 % Coal – 10 % Sand – 10% Vegetation – <5 % Insects – <5 % <p>Site operations were typical during the monitoring period. It is noted that CVC does not undertake coal handling on-site with potential dust generation predominately due to traffic on unsealed haul roads. Throughout the monitoring period watercart operations were undertaken on haul roads as is usual for the site.</p> <p>Delta Coal will continue to undertake dust mitigation measures in line with the approved Air Quality and Greenhouse Gas Management Plan for the site. Delta Coal has undertaken grounds maintenance in the vicinity of DDG004 and is undertaking daily inspections of the gauge.</p>

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Thursday, 15 June 2023	Puncture of Mannering Park Pressurised Sewer Main	During construction works installing a new sewer pipeline, a pressurised sewer main was punctured. Clean-up works commenced immediately.	<p>The incident was immediately reported to the Central Coast Council and NSW EPA. Council shutdown the sewage pump station to facilitate clean-up works and repair undertaken by the construction contractor.</p> <p>Outcomes of the incident investigation indicated that a minor volume (<1000L) of septic entered the adjacent creek at the time of the incident. Subsequent sampling indicated that there was no ongoing impact. Based on existing upstream samples and ongoing sampling undertaken at swindles creek it is considered to regularly be impacted by microbial contamination from upstream sources.</p>
Monday, 18 September 2023	Exceedance of depositional dust maximum increase to previous months result	There was an exceedance to the maximum total increase in deposited dust level (increase greater than 2 g/m ² /month) at DDG001 for the sampling period between 4 th August 2023 and 4 th September 2023. The monthly depositional dust level increase from 0.3 g/m ² /month to 7.3 g/m ² /month. It should be noted that the 12 month rolling average result remains below the annual limit of 4g/m ² /month	<p>The testing laboratory (ALS Environmental Pty Ltd) reported that the deposition was 'very heavy' in DDG001 and the samples were analysed to comprise the following:</p> <ul style="list-style-type: none"> • Total insoluble matter – 7.3 g/m²/month • Combustible matter – 1.5 g/m²/month • Ash content – 5.8 g/m²/month • Dirt – 40 % • Insects – 30 % • Coal – 20 % • Vegetation – 10 % <p>Site operations were typical during the monitoring period. It is noted that CVC does not undertake coal handling on-site with potential dust generation predominately due to traffic on unsealed haul roads. Throughout the monitoring period watercart operations were undertaken on haul roads as is usual for the site.</p>
Monday, 13 November 2023	Exceedance of EPL 1770 faecal coliform limit in EPA Point 1 discharge sampling	Sampling on 6 November 2023 recorded a concentration of faecal coliforms of 620 CFU/100ml, with EPL 1770 stipulating a 200 CFU/100ml limit.	<p>The exceedance was reported to the NSW Environmental Protection Authority (EPA) and NSW Department of Planning and Environment (DPE).</p> <p>The incident was not considered to have caused material harm or loss to the environment as:</p> <ul style="list-style-type: none"> • Upstream sampling indicated a greater concentration of Faecal Coliform than discharge waters at CVC, downstream and outlet to creek sampling identified a lower concentration of both upstream and EPA Point 1 discharge. • Sources of indicator bacteria were not considered to have been generated due to on-site operations as the sites waste water has been connected to municipal sewer since July 2023. • No clean-up is or was required for the event.

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Thursday, 14 December 2023	Exceedance of depositional dust maximum increase to previous months result	<p>There was an exceedance to the maximum total increase in deposited dust level (increase greater than 2 g/m²/month) at DDG004 for the sampling period between 1 November 2023 and 1 December 2023. The monthly depositional dust level increased from 1.2 g/m²/month to 3.5 g/m²/month. It should be noted that the 12 month rolling average result remains below the annual limit of 4g/m²/month</p>	<p>The testing laboratory (ALS Environmental Pty Ltd) reported that the deposition comprised the following:</p> <ul style="list-style-type: none"> • Total insoluble matter – 3.5 g/m²/month • Combustible matter – 0.7 g/m²/month • Ash content – 2.8 g/m²/month <p>Site operations were typical during the monitoring period. It is noted that CVC does not undertake coal handling on-site with potential dust generation predominately due to traffic on unsealed haul roads. Throughout the monitoring period watercart operations were undertaken on haul roads as is usual for the site.</p>