

Hunter Valley Operations

Community Consultative Committee

**Business Papers – August 2021**

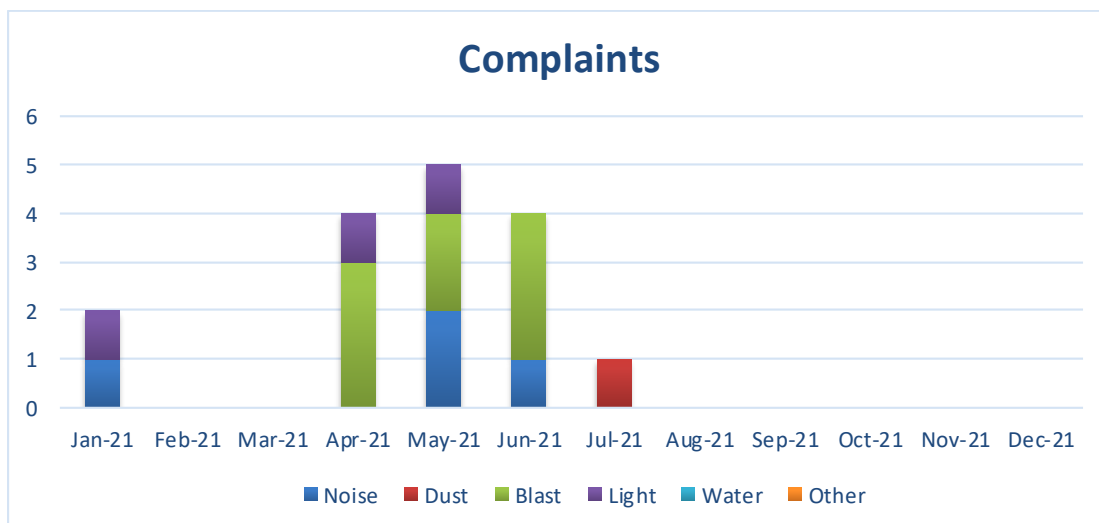
Materials ahead of meeting of the committee on **26 August 2021**

## Contents page

|   |           |
|---|-----------|
| <b>1.0 Complaints</b>                       | <b>3</b>  |
| <b>2.0 Incidents</b>                        | <b>11</b> |
| <b>3.0 Community Sponsorship and Events</b> | <b>18</b> |
| <b>4.0 Environmental monitoring</b>         | <b>19</b> |
| March 2021                                  | 19        |
| April 2021                                  | 19        |
| May 2021                                    | 19        |
| June 2021                                   | 19        |
| <b>5.0 Environmental Documents</b>          | <b>20</b> |

## 1.0 Complaints

16 complaints have been received for 2021 to date:



| Date           | Time    | Type     | Location   | Complaint details   | Method Received | Monitoring Indicates Exceedance ? |
|----------------|---------|----------|------------|---|-----------------|-----------------------------------|
| 2 January 2021 | 10.12pm | Lighting | Long Point | A lighting complaint was received from a resident of Long Point at 10.12 pm on 2 January 2021. The resident called the HVO Community Complaints Hotline to advise that two lighting plants from HVO operations had been shining directly into his window at his residence preventing him from sleeping. Following this conversation, the OCE shut down the Pit 2 RL125 dump activities and turned the lights off after which he called the resident back to see if there had been any changes to the offending lights. The resident confirmed that he could no longer see the lights and was happy with the action taken. The dump plan has been modified to operate during daylight hours. | Hotline         | N/A                               |

| Date           | Time    | Type  | Location    | Complaint details  | Method Received                                 | Monitoring Indicates Exceedance ? |
|----------------|---------|-------|-------------|--|---|-----------------------------------|
| 3 January 2021 | 11.48pm | Noise | Long Point  | <p>A noise complaint was received from a resident of Long Point at 11.48 pm on 3rd January 2021. A call-back was not requested. The resident registered a further complaint at 12.12am on 4 January in regards to a loud whining sound coming from the pit with the complainant being 'very unhappy, can't sleep and needs to work tomorrow'.</p> <p>The OCE had reviewed noise levels and contacted the resident advising that the noise was below criteria however was in the process of undertaking an inspection of the area. The OCE travelled to Long Point Road and listened near the residence, where he advised that a low-level mining noise could be heard and an occasional whining sound that he believed to be the auto-retard on the haul trucks. The OCE did not consider the noise to be excessive.</p> <p>The Environment and Community Officer spoke with the resident at 2.39pm on 4 January who confirmed that a whirring noise from the pit, in addition to dozer tracks and trucks rewinding could be heard at the time of the complaint. No noise alarms were received from the Long Point noise monitor. The highest 15 minute noise level recorded between 10 pm and 12:15 am was 19dB (low frequency) against a criteria of 35dB.</p> | Hotline   | No                                |
| 10 April 2021  | 1.27pm  | Blast | Maison Dieu | <p>A resident sent a text message to the Environment and Community Officer directly to confirm that the shots fired in the Cheshunt Pit at 1.26pm and 1.27pm was "quite loud and a lot of movement it was like it was a double shot seconds apart".</p> <p>Blasting data from the shots fired at 1.26pm indicate that the overpressure and vibration levels were below compliance levels being 113.6 dB and 0.47mms respectively. The complaint was recorded in the Community Complaints Register.</p>   | SMS direct to Environment and Community Officer | No                                |

| Date     | Time   | Type     | Location    | Complaint details   | Method Received                                 | Monitoring Indicates Exceedance ? |
|----------|--------|----------|-------------|---|---|-----------------------------------|
| 23 April | 3.40pm | Blast    | Maison Dieu | <p>A resident from Shearers Lane, Maison Dieu sent a text message to the Environment and Community Officer at 3.41pm to advise that a shot fired at HVO at 3:40 pm “really rocked the house”.</p> <p>Blast levels were checked and deemed to be compliant. The Maison Dieu monitor measured overpressure of 100.06 dBL against a maximum criteria of 120 sBL and ground vibration of 0.47 mm/s against a maximum criteria of 10 mm/s.</p> <p>The E&amp;C Officer contacted the resident at 3.54pm to confirm the details of the complaint, they advised they could feel the ground move and it rattled crockery in the house. They asked for the complaint to be recorded as a complaint rather than feedback. E&amp;C Officer advised levels were compliant.</p> | SMS direct to Environment and Community Officer | No                                |
| 30 April | 6:09pm | Blast    | Maison Dieu | <p>A resident in Maison Dieu sent a text message to the Environment and Community Officer at 6.09pm to report that the blast fired in the Cheshunt Pit at 3.22pm 'caused a fair bit of movement in the house approximately 3.25pm' The complaint aligns with timing of the Cheshunt Pit 2 blast. Blast levels were checked and deemed to be compliant. The Maison Dieu monitor measured overpressure of 96.74 dBL and ground vibration of 0.47 mm/s. The E&amp;C Officer contacted the resident at 6.27pm to confirm the details of the complaint. The resident asked for the complaint to be recorded as a complaint rather than feedback.</p>   | SMS direct to Environment and Community Officer | No                                |
| 30 April | 6:09pm | Lighting | Maison Dieu | <p>A resident in Shearers Lane Maison Dieu sent a text message to the Environment and Community Officer at 6.09pm to request that the position of the lighting plant at the Cheshunt Dump be changed, as light from the lighting plant was shining directly into her house. The E&amp;C Officer organised with the OCE to investigate the position of the lighting plant on the Cheshunt dump and move the plant. The E&amp;C Officer called the resident at at 7.04pm who confirmed that they could no longer see the lighting plant and that they were satisfied with the outcome.</p>  | SMS direct to Environment and Community Officer | N/A                               |

| Date   | Time   | Type  | Location      | Complaint details  | Method Received                                 | Monitoring Indicates Exceedance ? |
|--------|--------|-------|---------------|--|---|-----------------------------------|
| 1 May  | 9.31pm | Noise | Jerrys Plains | <p>A resident in Jerrys Plains contacted the Complaints Line with the details 'noise complaint', and requesting a call back as soon as possible. The OCE phoned the resident at 9.31pm, who advised the noise sounded like a horn from a digger from the West Pit and that he had called previously (2020) about noise from HVO but that they hadn't "rung in a while I was bored tonight so I thought I would phone it in".</p> <p>The OCE spoke with the operator of Ex313 at the Riverview Pit and asked to just keep the horn to one short sharp blow. In addition, he also called the Mining Supervisor in the West Pit and notified the operators of Ex 330 &amp; Ex 310 about the complaint with the same instruction as given to the operator of Ex313. No further noise complaints were received for the remainder of the shift. Checks were subsequently undertaken on horn compressed air pressures and reduced to minimum where possible. A capital project is being scoped to implement silent horns from 2022.</p> <p>The noise data from the Jerrys Plains ENC was checked with the noise reading for the period of the complaint under the compliance noise limit.</p> | Hotline   | No                                |
| 10 May | 2.25pm | Blast | Maison Dieu   | <p>A resident of Maison Dieu sent a text message to the Environment and Community Officer at 2.25pm to report that the blast fired in the Cheshunt Pit at 2.22pm was 'loud and a lot of movement and crockery rattling please put in an official complaint'.</p> <p>The E&amp;C Officer contacted the resident at 2.36pm to confirm the details of the complaint. The resident asked for the matter to be recorded as a complaint.</p> <p>Blast levels were checked and deemed to be compliant. Maison Dieu monitor measured overpressure of 101.67 dBL and ground vibration of 0.17mm/s.</p>  | SMS direct to Environment and Community Officer | No                                |

| Date   | Time    | Type       | Location      | Complaint details  | Method Received                                 | Monitoring Indicates Exceedance ? |
|--------|---------|------------|---------------|--|---|-----------------------------------|
| 11 May | 10.01pm | Noise      | Jerrys Plains | <p>A resident of Jerrys Plains contacted the Complaints Line at 10.01pm about noise which they believed was coming from the dragline at the Riverview pit.</p> <p>The OCE phoned the resident at 10.06pm, who ascertained the resident could hear general mine noise from Wambo and a HVO Dragline was making a hum that they could hear whilst swinging/slewing. The OCE instructed the Dragline operator to slow down the slew. This was subsequently relayed to the resident and that if there were further noise disturbances to call back. No subsequent complaints were received for the remainder of the shift.</p> <p>The OCE checked the noise monitor, as well as any noise alarms received for the Moses Crossing area (nearest monitor to the complainant's house), which was below compliance levels prior to and at the time of the complaint.</p> | Hotline   | No                                |
| 18 May | 7.50pm  | Lighting   | Long Point    | <p>A resident of Long Point Road called the Community Complaints Hotline at 7.50pm about a light from the HVO South operation shining into their bedroom.</p> <p>The complainant was contacted by the OCE who through a process of elimination found that the lighting plant on the Auger RL170 South dump was the light causing the complaint.</p> <p>The lighting plant was moved and orientated to the south in response, with no further complaints received. In addition, the windrows on the eastern edge of the dump were also lifted to act as a screen.</p>   | Hotline   | N/A                               |
| 27 May | 1.13pm  | Blast Fume | Long Point    | <p>A resident of Long Point called the Environment and Community Coordinator on 27 May about a very strong sulphur smell at their property located at Long Point following three blasts fired from the Cheshunt P2 area of HVO South on 26 May at 4.37pm, 4.41pm and 4.42pm. They commented that the blast filled up the whole valley with sulphuric fume and that a family member at the residence is allergic to sulphur. The resident confirmed that they wanted the complaint recorded as a complaint rather than feedback. Review of the blasting database found that HVO did blast at the time specified by the complainant which was confirmed.</p>   | Contacted Environment and Community Coordinator | N/A                               |

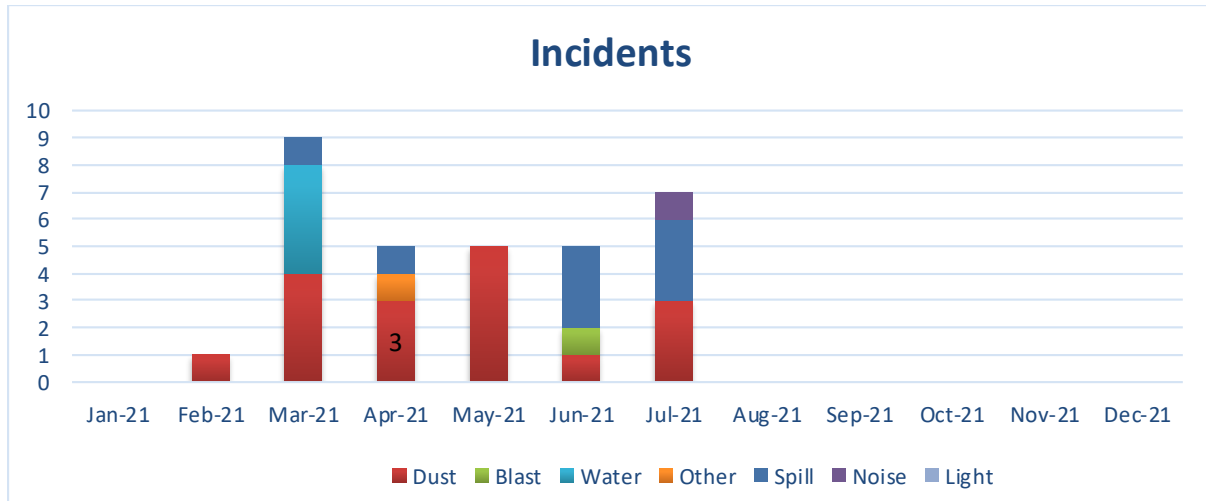
| Date    | Time   | Type  | Location    | Complaint details  | Method Received                                 | Monitoring Indicates Exceedance ? |
|---------|--------|-------|-------------|--|---|-----------------------------------|
| 6 June  | 1.14am | Noise | Maison Dieu | <p>Noise complaint received from a resident of Maison Dieu. Reported they were unable to sleep due to loud equipment noise from HVO which started about sunset and continued through to 3:30am. Noted hearing engine noise from a shovel and truck loading noise. Complaint was sent as a text message direct to the Environment &amp; Community Officer and not via the hotline, therefore the complaint could not be communicated to operations at the time. Noise alarms were received at 9:30pm and 10:30pm from the nearest noise monitor (Maison Dieu). Three 15 minute periods between 5pm and 3:30am exceeded the noise criteria of 41dB, however during these periods the wind speed exceeded 3m/s when noise criteria do not apply due to being adversely impacted by wind on microphones.</p> | SMS direct to Environment and Community Officer | No                                |
| 21 June | 9.56am | Blast | Maison Dieu | <p>A resident from Maison Dieu sent a text message to the E&amp;C Officer at 9.56am on Monday 21 June to report that the blast fired in the Cheshunt Pit at 2.57pm on Saturday 19 June 'was quite loud and rocked the windows I think due to the very heavy weather and maybe should not of been detonated'.</p> <p>Blast levels were checked and deemed to be compliant. Maison Dieu monitor measured overpressure of 93.53 dBL and ground vibration of 0.15mm/s.</p> <p>Information was provided to the resident on Monday confirming that both ground vibration and overpressure were below respective compliance levels. It was requested that any future complaints are registered via the HVO Complaints Hotline to allow for more prompt and appropriate response.</p>                            | SMS direct to Environment and Community Officer | No                                |



| Date    | Time   | Type  | Location    | Complaint details  | Method Received                             | Monitoring Indicates Exceedance ? |
|---------|--------|-------|-------------|--|---|-----------------------------------|
| 23 June | 2.19pm | Blast | Maison Dieu | <p>A resident of Dights Crossing, Maison Dieu left a voicemail message with the Environment and Community Manager at 2.19pm regarding the blast fired from Cheshunt Pit. The E&amp;C Manager returned Warren's voicemail message at 2.48pm and advised Warren that based on the information provided this would align with the HVO blast at 1.13pm, noting that the blast monitors had recorded below compliance criteria and indications were that atmospheric reinforcement had influenced the overpressure effect at distance.</p> <p>Following receipt of the complaint the blasting data for the blast that was fired from Cheshunt Pit at 1.13pm was checked which registered overpressure of 113.30 dBL and ground vibration of 0.21mm/s from the Knodlers Lane blast monitor which is under compliance limits.</p> | Contacted Environment and Community Manager | No                                |
| 23 June | 1.23pm | Blast | Long Point  | <p>A resident of Long Point contacted the United Wambo Community Complaints hotline at 1.23pm reporting that the blast fired was really loud and shook their house. The United Wambo Environment and Community Manager spoke with the resident at approximately 2.20pm and then contacted surrounding mines to determine source, subsequently confirming it was HVO.</p> <p>The blasting data for the blast that was fired from Cheshunt Pit at 1.13pm was checked which registered an overpressure of 113.30 dBL and ground vibration of 0.21mm/s from the Knodlers Lane blast monitor which is under compliance limits.</p>  | Hotline                                     | No                                |

| Date    | Time   | Type  | Location    | Complaint details   | Method Received   | Monitoring Indicates Exceedance ? |
|---------|--------|-------|-------------|---|---|-----------------------------------|
| 31 July | 1.21pm | Blast | Maison Dieu | <p>A resident from Maison Dieu sent an SMS with photos to the Environment and Community Officer and Environment and Community Manager at 1.21pm on Saturday 31 May regarding visible dust from the shots fired at 1.13pm and 1.14pm from Cheshunt P2 and Cheshunt P1 respectively. The SMS read 'The dust blows across until the man-made hill then straight at us which we have been trying to explain to you. Please check wind direction on this side. This I would like recorded as an official complaint noise and dust on the blast approximately 10 minutes ago.'</p> <p>The blast was fired according to internal blasting criteria for wind speed and direction. Wind direction prior to the blast at 1.10pm was at 294 degrees and 291 degrees at 1.20pm a minute prior to the SMS being sent. Wind speed was around 5.8m/s at 1.10pm and 5.5m/s at 1.20pm. The resident's property is at a bearing of ~ 270 degrees from the detonated blasts.</p> <p>Dust levels at both the Maison Dieu and Knodlers Lane monitors were both under the criteria of 50µg/m<sup>3</sup> following the shots being fired and were not observed to spike.</p> <p>The resident was contacted by email on Monday 2nd August at 4.09pm providing wind direction data as requested in addition to the TEOM readings from the Maison Dieu PM10 monitor.</p> | SMS direct to Environment and Community Officer and Environment and Community Manager | No                                |

## 2.0 Incidents



| Date       | Details   | Key Actions  | Aspect      |
|------------|---|--|-------------|
| 09/02/2021 | <p><b>Missed air quality capture – Golden Highway TEOM</b></p> <p>On 08/02/2021 and 09/02/2021 the Golden Highway TEOM achieved data capture of 50% and 46% respectively. This is below the required 75% data capture rate required by the HVO Environment Protection License. The monitor is under the operational control of Mt Thorley Warkworth (MTW). A planned power outage was undertaken by MTW and the generator used to maintain power supply failed. The offline status of the monitor was identified during morning HVO data checks at 7am on 09/02/2021.</p> | The result will be reported in the Monthly EPL Report and Annual Return.   | Air Quality |
| 08/03/2021 | <p><b>Missed air quality capture – Knodlers Lane TEOM</b></p> <p>A storm in the area on the afternoon of 8 March interrupted the power supply of the Knodlers Lane TEOM which resulted in data capture percentage of 58% which is below the 75% data capture rate required</p>  | Power was restored to the area by Ausgrid at 9am on 9 March. The DPIE was notified of the incident which will be included in the 2021 Annual Report. | Air Quality |
| 12/03/2021 | <p><b>Missed air quality capture – Maison Dieu TEOM</b></p> <p>An issue with the logger at the Maison Dieu TEOM at 10:00pm</p>  | The DPIE was notified and will be included in the 2021 Annual Report.  | Air Quality |

|            |  |  |             |
|------------|--|--|-------------|
|            | <p>on 11 March resulted in data capture percentage of 50% which is below the 75% data capture rate required for 12 March 2021. The monitor is operated by the Regulator.</p>   |  |             |
| 14/03/2021 | <p><b>Missed air quality capture – HC1 TEOM</b><br/>Power was lost to the TEOM after 12:30 on 14 March resulting in 50% data capture on 14 March and 1% data capture on 15 March.</p>  | <p>Requested reset of power from site electrical infrastructure team which was completed at the unit at 1.30pm on 15 March. The result will be reported in the EPL Annual Return.</p>                    | Air Quality |
| 20/03/2021 | <p><b>Inaccurate measurement of flow from Parnells Dam during HRSTS discharge</b><br/>Following opening of the discharge valves at Parnells Dam (9W) at 2:47 pm on 20 March for a licensed HRSTS event, it was identified that the flowrate at the measuring weir could not be reduced despite reducing flow from the discharge pipes. The pipes were fully closed at approximately 4pm. This did not reduce the measured flowrate and it was then discovered that a weir plate had not been removed at the measuring weir. The weir plate blocked the flume where flow height is measured and caused the water level to rise higher than normal resulting in a false reading of flow.</p> | <p>The weir plate was subsequently removed and discharge recommenced. Incident will be reported in the EPL Annual Return.</p>  | Water       |
| 23/03/2021 | <p><b>Missed air quality capture – Golden Highway TEOM</b><br/>The Golden Highway TEOM recorded erratic data for a 9-hour period on 23 March which failed hourly validation criteria resulting in recording a 62% data capture on the 23 March (against required 75% capture).</p>   | <p>Upon investigation it was found that ingress of moisture into the TEOM from recent rainfall was the likely cause of the data loss.<br/><br/>The result will be reported in the EPL Annual Return.</p> | Air Quality |
| 23/03/2021 | <p><b>Sediment dam (2N) overtopped during high rainfall</b><br/>Sediment Dam (2N) overtopped to Farrells Creek following continued heavy rainfall in the preceding week. Rainfall runoff volume exceeded the approved dam design capacity. The dam was being pumped out at the time and continued to operate until the</p>   | <p>Notified to DPIE and EPA with incident report</p>   | Water       |

|            |   |   |             |
|------------|---|---|-------------|
|            | level reduced below the spillway. Due to the fresh quality of the water from the dam and excessive rainfall in the local catchment there was not a potential for environmental harm   |   |             |
| 24/03/2021 | <b>HRSTS TSS exceedance – Parnells Dam</b><br>Parnells Dam exceeded discharge limits for Total Suspended Solids (TSS) during HRSTS discharge on 24 March. The sample returned a TSS of 266 mg/L vs EPL limit of 120mg/L. Due to Flood Flow in the Hunter River at the time there was no potential for environmental harm. An investigation was undertaken however a cause was not able to be confirmed. TSS samples taken up to and after the 24 March were well below the limit. Continuous Turbidity monitoring was occurring and did not indicate an increasing trend. | A number of actions have been identified to prevent a reoccurrence including monitoring at the discharge point as well as inside the dam and relocating pit pump inputs away from the intake point for the discharge pipes. Incident was notified to regulators, incident report provided to DPIE and will also be reported in the EPL Annual Return. | Water       |
| 24/03/2021 | <b>Partial failure to monitor EC during HRSTS discharge block</b><br>At approximately 8:30pm on 24 March during HRSTS discharge at Parnells Dam, the Electrical Conductivity (EC) was observed to be reading 1.0 uS/cm, indicating the sonde was not measuring a valid result. EPL 640 requires continuous measurement of EC during a discharge event. The discharge valves were turned off at 9:22 pm. During daylight on 25 March the water level in the dam was observed to have fallen lower than the sonde causing it to record an invalid measurement.              | The water quality sonde was relocated downstream of the dam wall into a small dam that the discharge pipes send water to, ensuring the sonde had an adequate cover of water as the main dam level dropped. The incident will be reported in the EPL Annual Return.  | Water       |
| 30/03/2021 | <b>Engine oil spill in workshop</b><br>Maintainer was filling up engine oil on haul truck 710 but did not disconnect the oil supply which resulted in the engine being overfilled with approximately 400 litres of oil which spilled onto the floor in the North Workshop truck maintenance section, Service Bay N2   | Workshop maintainers soaked up the spill, shovelled and hosed out the oil spill.  | Hydrocarbon |
| 3/04/2021  | <b>Missed air quality capture – Warkworth TEOM</b><br>An issue with data capture at the Warkworth TEOM data logger from 3 - 6 April was identified as   | The Regulator was contacted to determine the cause of the data miscapture who confirmed by email that the issue related to the  | Air Quality |

|            |   |   |                |
|------------|---|---|----------------|
|            | part of the daily checks on 7 April. Data capture included 20% on 3 April, no data on 4 and 5 April and 64% on 6 April. The monitor is operated by DPIE.  | data logger which was reset remotely by the Regulator.<br><br>The incident was reported to DPIE.  |                |
| 6/4/2021   | <b>Truck blown hydraulic hose</b><br>The operator pulled into the R4 crib hut park area when he returned to his truck he discovered that a hydraulic hose had spilled approximately 200 litres of oil.  | A scraper was organised and cleaned up the spill and transported the contaminated material to the bioremediation area.  | Hydrocarbons   |
| 7/4/2021   | <b>Missed air quality capture – Golden Highway TEOM</b><br>During the daily checks on 8 April it was discovered that the Golden Highway TEOM had recorded 58% data capture for 7 April and data capture of 32% on 8 April. The monitor is operated by MTW.  | A site visit to the monitor by HVO's environmental monitoring contractor during the afternoon of 8 April determined that the power supply powering the data logger and modem had failed at the unit.<br><br>The result will be reported in the EPL Annual Return. | Air Quality    |
| 12/04/2021 | <b>Barrys RL125 overtip</b><br>During a site inspection to the Barrys Dump Area the Environmental and Community Coordinator observed the RL125 dump at Barrys Dump had advanced into an area of reported rehabilitation. The area affected was 0.10 ha.   | Operations were suspended on the area by the time of the inspection. Comments were added into Daily Plan to keep any dumping activity away from reported rehabilitation. A dump design is to be re-issued to prevent a reoccurrence.                              | Rehabilitation |
| 14/04/2021 | <b>Missed air quality capture – Warkworth TEOM</b><br>An issue with the data capture at Warkworth TEOM data logger from 14 - 15 April was identified as part daily checks on 15 April. 54% of data was recorded on 14 April and 67% of data was recorded on 15 April. The monitor is operated by DPIE.  | The data miscapture is believed to be related to logger issues at the unit.<br><br>Incident was reported to DPIE.   | Air Quality    |
| 3/05/2021  | <b>Missed air quality capture – Maison Dieu TEOM</b><br>An issue with the data capture at Maison Dieu TEOM data logger on 3 May was identified as part of daily checks on 4 May. The 24-hour data capture at Maison Dieu TEOM was 46% on 03 May 2021 due to logger failure, below the 75% data capture required. The monitor is operated by DPIE. | DPIE was notified to investigate.   | Air Quality    |
| 20/05/2021 | <b>Missed air quality capture – Warkworth TEOM</b><br>An issue with the data capture at Warkworth TEOM data logger from 20 May was identified as part of the daily checks on 21 May. Data capture was 38% on  | The incident was notified to DPIE on 21 May.  | Air Quality    |

|            |  |   |             |
|------------|--|---|-------------|
|            | 20 May due to the logger failure, which is below the 75% data capture required. The monitor is operated by DPIE.   |   |             |
| 23/05/2021 | <b>Missed air quality capture – Jerrys Plains TEOM</b><br>An issue with the data capture at Jerrys Plains TEOM data logger on 23 May was identified as part of daily checks on 24 May. 24-hour data capture at Jerrys Plains TEOM was 0% on 23 May and 54% on 24 May 2021 due to logger failure which is below the 75% data capture required. The monitor is operated by DPIE.                   | The DPIE was notified to investigate.   | Air Quality |
| 24/05/2021 | <b>Missed air quality capture – Maison Dieu TEOM</b><br>An issue with the data capture at Maison Dieu TEOM data logger on 23 May was identified as part of daily checks on 24 May. 24-hour data capture at Maison Dieu TEOM was 46% on 23 May 2021 due to logger failure which is below the 75% data capture required. The monitor is operated by DPIE.  | The DPIE was notified to investigate.   | Air Quality |
| 27/05/2021 | <b>Missed air quality capture – Jerrys Plains TEOM</b><br>An issue with the data capture at Jerrys Plains TEOM data logger on 27 May was identified as part of daily checks on 28 May. 24-hour data capture at Jerrys Plains TEOM was 71% on 27 May 2021 due to logger failure, below the 75% data capture required. The 24 hour data capture at Jerrys Plains. The monitor is operated by DPIE. | The DPIE was notified to investigate.   | Air Quality |
| 02/06/2021 | <b>Transformer oil spill</b><br>While taking a routine oil sample from the transformer, the drain/sample point tap unscrewed from the seat of the tap and was difficult to re-seat due to gravity pressure from the contents of the transformer. An estimated 100 litres of oil was spilled.   | The spill was contained within an earthen bund. The supervisor and task coordinator were both notified and the spill clean-up response initiated. Actions have been raised to investigate taps and bunding for other transformers onsite. | Hydrocarbon |
| 10/06/2021 | <b>Post blast fume event - West Pit North</b><br>A level 4 post blast fume event was recorded after firing a blast in the West Pit. A portion of the blast holes slumped following higher than forecast rainfall in following days. The remaining holes were loaded with emulsion to reduce  | Incident recorded in CMO. Report provided to DPIE. DPIE confirmed that no further action will be taken.   | Blast       |

|            |  |   |             |
|------------|--|---|-------------|
|            | <p>the risk of blast fume. A pre-blast risk assessment identified risk of fume and the blast scheduled to be fired when wind conditions were predicted to carry the fume over the mine.</p> <p>The blast fume was observed to dissipate over HVO land approximately 15 minutes following initiation.</p> <p>DPIE was notified of the event in accordance with the Blast Management Plan.</p> |   |             |
| 12/06/2021 | <p><b>Missed air quality capture – Maison Dieu TEOM</b></p> <p>The Maison Dieu TEOM data logger was not producing valid data due to a logger failure with only 12% data capture recorded. The monitor is operated by DPIE.</p>   | The DPIE was notified to investigate.   | Air Quality |
| 28/06/2021 | <p><b>Dump truck blown steer hose</b></p> <p>Truck 462 was descending the Red Ramp when the operator noticed a steering alarm on the dash. They pulled up and upon investigation noticed a blown steer hose resulting in approximately 90 litres of oil being spilled.</p>   | The contaminated material was collected and sent to the bioremediation pad.   | Hydrocarbon |
| 29/06/2021 | <p><b>Excavator oil spill - South Pit</b></p> <p>During operation of the equipment the left rear swing hose clamp failed, resulting in an oil spill of approximately 250 litres.</p>   | The machine was isolated and hose clamp repaired. The spill occurred on a coal bench, hence was excavated with the coal to be processed in the CHPP.          | Hydrocarbon |
| 05/07/2021 | <p><b>Missed air quality capture – Warkworth TEOM</b></p> <p>The Warkworth TEOM was not producing valid data from 04:30 to 15:00 on 04/07/2021, resulting in a data capture of only 54% which is less than the required 75% capture rate. The monitor is operated by DPIE.</p>   | Lockup of the DPIE logger at the TEOM was found to be the cause of the miscapture. The DPIE was contacted for further information and notified of miscapture. | Air Quality |
| 17/07/2021 | <p><b>Missed air quality capture – Warkworth TEOM</b></p> <p>The Warkworth TEOM was not producing valid data from 07:10 to 16:20 on 17/07 resulting in a data capture of only 58% which is less than the required 75% capture rate. The monitor is operated by DPIE.</p>   | Lockup of the DPIE logger at the TEOM was found to be the cause of the miscapture. The DPIE was contacted for further information and notified of miscapture. | Air Quality |
| 18/07/2021 | <p><b>Fuel spill at the R4 fuel farm</b></p> <p>Operator of truck 479 was refuelling at the R4 fuel farm when they noticed fuel coming from the overflow breather pipe.</p>  | Contaminated material was removed to the bioremediation area.   | Hydrocarbon |



|            |  |  |             |
|------------|--|--|-------------|
|            | Approximately 50 litres of fuel spilled onto the ground. The spill was contained within the fuel farm area which has a constructed liner.  |  |             |
| 20/07/2021 | <b>Missed air quality capture – Jerrys Plains TEOM</b><br>The 24-hour data capture at the Jerrys Plains TEOM was 71% on 20 July, below the 75% data capture required. The monitor is operated by DPIE.   | The lockup of the DPIE logger at the TEOM found to be the cause of the miscapture. The DPIE was notified of the incident.  | Air Quality |
| 21/07/2021 | <b>Blown hydraulic hose on drill 222</b><br>Drill 222 was drilling in Cheshunt Pit and after drilling a hole the operator retracted the jacks when a hydraulic hose on one of the front jacks failed with approximately 50 litres of oil spilled.  | The incident was reported, maintenance informed and the hydrocarbon contaminated soil removed to remediation area.   | Hydrocarbon |
| 22/07/2021 | <b>Oil spill from Legra pump</b><br>Legra pump 4235 had a siezed bearing on the roller bed shaft, causing an oil spill of approximately 20 litres.   | The machine was isolated and the incident reported. The majority of the spill went over the highwall face so was not recoverable.  | Hydrocarbon |
| 22/07/2021 | <b>Noise exceedance – Jerrys Plains East</b><br>Monthly attended noise monitoring at the Jerrys Plains East monitoring location recorded a short term LA1(1 min) result of 55dB, above the criteria of 45dB. The acoustic consultant contacted HVO to explain the monitoring result and that the source of the noise was coming from the dragline bucket in Riverview Pit. The dragline was shut down and progressively restarted while monitoring noise levels. | Follow up monitoring was below criteria with five additional 1 minute measurements taken on the night and additional measurement taken the following week. Follow-up monitoring indicates noise was not sustained. EPA and DPIE were notified of the exceedance and report provided. | Noise       |

### 3.0 Community Sponsorship and Events

Round One of the HVO Community Grants Programme closed in April with a number of local organisations successful in obtaining funds totalling almost \$23,000 including

- Mens Shed - Mental Health First Aid
- Singleton PCYC - Singleton PCYC School Holiday Activities
- Muswellbrook South Public School P&C - Colour Your Threads for Positive Education
- Singleton Bowling Club - Graded Triples Tournament
- Singleton Beef and Land Management Association Incorporated - Healthy Soils, Sustainable Pastures
- Singleton Heights Pre-School Inc - Creating a Yarning Circle/Vegetable Gardens (funded by GCAA)
- Singleton Mountain Bike Club Incorporated - Maison Dieu Mountain Bike Track - Erosion repairs and access improvements

Round Two opens on 2 August and closes on 27 August. Interested parties can apply by visiting the below website:

<https://hvo.smartygrants.com.au/2021RoundTwo>

Community Information Sessions that were planned to be held at Jerrys Plains and Maison Dieu in July were postponed due to COVID19 restrictions and are likely to be rescheduled for later in the year.

## 4.0 Environmental monitoring

Monthly summaries of environmental monitoring; March to June 2021

### **March 2021**

Attached as **Appendix A**

### **April 2021**

Attached as **Appendix B**

### **May 2021**

Attached as **Appendix C**

### **June 2021**

Attached as **Appendix D**

## 5.0 Environmental Documents

Environmental documents uploaded to the HVO Insite website since the last meeting (<https://insite.hvo.com.au/>)

|           |  |
|-----------|--|
| 17/5/2021 | Hunter Valley Operations Environment Protection Licence 640 Monitoring Data April 2021 |
| 24/5/2021 | Hunter Valley Operations Community Consultative Committee Presentation May 2021        |
| 24/5/2021 | Hunter Valley Operations Community Consultative Committee Business Papers May 2021     |
| 27/5/2021 | EPBC 2016/7640 conditions variation 2017   |
| 30/6/2021 | Hunter Valley Operations Monthly Environmental Monitoring Report March 2021            |
| 30/6/2021 | Hunter Valley Operations Monthly Environmental Monitoring Report April 2021            |
| 30/6/2021 | Hunter Valley Operations Environment Protection Licence 640 Monitoring Data May 2021   |
| 7/7/2021  | Hunter Valley Operations Monthly Environmental Monitoring Report May 2021              |
| 26/7/2021 | Hunter Valley Operations - HVO News - Issue 7 - July 2021                              |