

Hunter Valley Operations

Community Consultative Committee

Business Papers – May 2022

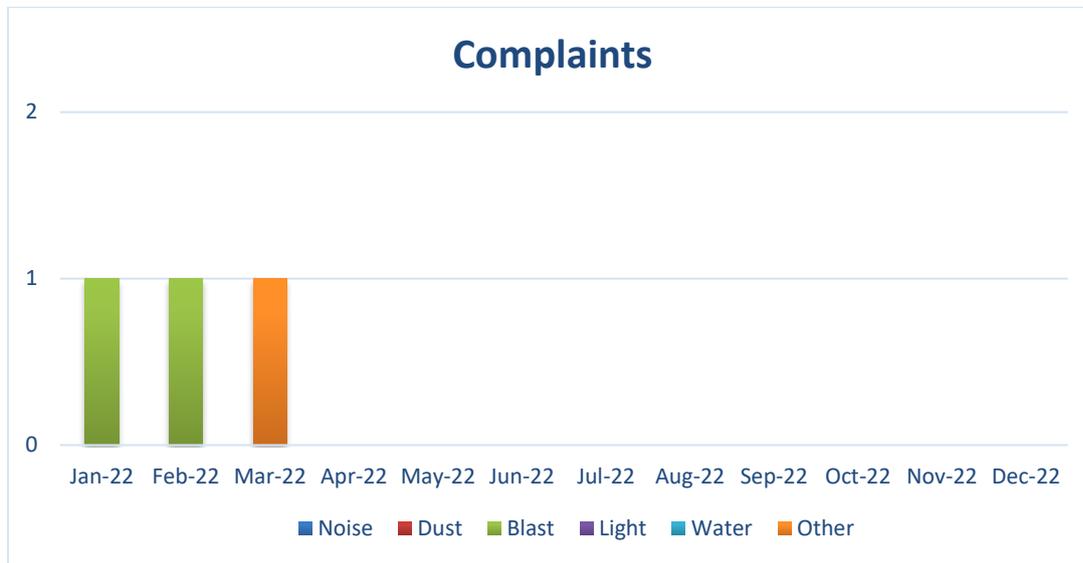
Materials ahead of meeting of the committee on **18 May 2022**

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1.0 Complaints

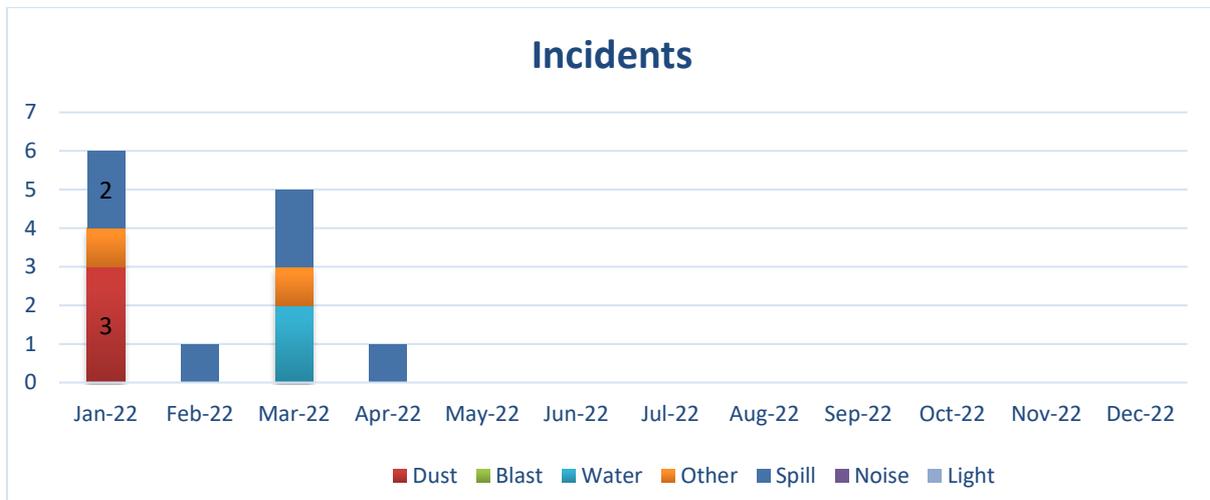
Three complaints have been received year to date in 2022, complaint details are provided below.



Date	Time	Type	Location	Complaint details	Method Received	Monitoring Indicates Exceedance ?
5 January	1.24pm	Blast	Jerry's Plains	A resident from Jerrys Plains called the Community Hotline at 1.24pm to mention that a blast fired at approximately 1:06pm was noisy and sounded like lightning had struck their house and that the windows rattled. The Environment and Community Officer contacted the resident and confirmed that HVO fired a shot at 1.06pm from Cheshunt Pit 2. The recorded overpressure and ground vibration levels for the Jerrys Plains blast monitor were 108.39 dB and 0.04mm/s which are under compliance levels of 120dB and 10mm/s.	Phone call to Community Hotline	No

Date	Time	Type	Location	Complaint details	Method Received	Monitoring Indicates Exceedance ?
11 February	1.05pm	Blast	Maison Dieu	<p>A resident from Maison Dieu sent an SMS to the Environment and Community Officer at 1.05pm asking to record a complaint due to noise and movement from a blast at ~1pm. The complaint followed two successive blasts in Cheshunt Pit 2. The Environment and Community Officer confirmed HVO blast firing times aligned with the complaint and called the resident. The resident noted that “vibration and sound was the main issue, the blast shook the whole house, it was a long blast and its blasts like this one that create movement in the house and damage”. Maison Dieu is the closest monitor to the property and recorded low overpressure and vibration (94.75 dBL and 0.08 mm/s) – this is the highest vibration reading of the two shots fired. No anomalies were observed with the blast, however elevated noise was possible due to it being a shallow parting shot (holes less than 2m). Wind was ~3 m/s from the south east, blowing away from the residence.</p>	SMS to Environment and Community Officer	No
19 March	7.35pm	Other	Golden Highway	<p>A member of the public (who wished to remain anonymous) stated that they were driving along the Golden Highway near the secondary entrance to HVO South, when a car pulled out behind the complainant and tail gated the driver. The complainant reported that the rear driver sped past them (near the roadworks at Warkworth) and cracked the car windscreen of the car which was brand new. The care details were provided to HVO. They identified the driver to be wearing orange high visibility clothing.</p> <p>A search was conducted of HVO carparks in days following the complaint however the vehicle was not able to be identified.</p> <p>A presentation slide about safe driving practices when traveling to and from HVO was communicated to employees and contractors.</p>	Phone call to Community Hotline	N/A

2.0 Incidents



Date	Details	Key Actions	Aspect
01/01/2022	<p>Exceedance of annual criteria - depositional dust, Warkworth</p> <p>The 2021 annual average depositional dust at the Warkworth dust gauge was 6.95 g/m²/month which exceeded the consent criteria of 4 g/m²/month.</p>	<p>The exceedance was reported to DPE, investigated and included in the 2021 Annual Review.</p> <p>The investigation determined that HVO North could have only provided a minor contribution to the exceedance (up to 0.5g/m²/month) which is attributable to local sources of particulate near the monitor.</p>	Air Quality
01/01/2022	<p>Exceedance of annual criteria – TSP, Warkworth</p> <p>The 2021 annual average level at the Warkworth TSP monitor was 94.59ug/m³ which exceeded the consent criteria of 90ug/m³.</p>	<p>The exceedance was reported to DPE, investigated and included in the 2021 Annual Review.</p> <p>The investigation concluded that HVO South’s contribution of up to 32 µg/m³ was not the primary cause of the exceedance. Highly localised sources of particulate is likely to be the primary source of elevated levels.</p>	Air Quality

01/01/2022	<p>Exceedence of annual criteria PM 2.5 Maison Dieu The 2021 annual average PM2.5 level at the Maison Dieu HVAS was 9.57 ug/m3 which exceeded the consent criteria of 8ug/m3.</p>	<p>The exceedance was reported to DPE, investigated and included in the 2021 Annual Review.</p> <p>While HVO's contribution is not calculated to be significant, the elevated total levels are considered to be anomalous. Cause of elevated PM2.5 levels recorded have been investigated throughout 2021.</p> <p>These investigations have not been conclusive. It is believed that the source of the errors is due to the high-volume air sampler monitoring method. HVO have engaged an air quality consultant to review the air quality monitoring network. This review has recommended the implementation of real-time PM2.5 monitoring at Maison Dieu and Kilburnie South.</p>	Air Quality
11/01/2022	<p>Diesel leak on ground below pump 881 at Lake James While inspecting water levels and pumping activities at Lake James through the camera, a fuel leak was identified on the ground below the quick fill point on pump 881 was identified. The spill volume was estimated to be 50 L.</p>	<p>An inspection of the pump and area were completed and an absorbent boom and peat-sorb were used to contain and prevent any further spillage from the pump. The contaminated soil was subsequently excavated and diesel pump removed and replaced with an electric pump.</p>	Hydrocarbon
14/01/2022	<p>Carrington haul road windrow material pushed into rehabilitation area Whilst drainage maintenance along Carrington Haul Rd, it was observed that overburden material from the windrow had been pushed into a rehabilitation area without GDP approval. The area is classed as rehabilitated land and the incident resulted in approximately 0.1 ha of disturbance.</p>	<p>An investigation found that the cause of the incident was due to a misunderstanding of site GDP procedural requirements. A communication was issued across site to increase awareness of adjacent rehabilitation areas and GDP requirements. Remediation works for the area are currently being assessed.</p>	Other

20/01/2022	Excavator 310 – oil leak Approximately 20 litres of hydraulic oil spilled from Excavator 310 in pit due to a hydraulic hose failure.	The spill was banded and removed to the bioremediation area.	Hydrocarbon
28/02/2022	Hydraulic hose leak from coal haulage truck Truck 1393 has opened the side door then attempted to tilt / roll body of trailer. The trailer failed to tilt and on investigation found the hose had failed spilling approximately 40 litres of oil to ground.	The spill has occurred on the concrete pad of the bin and was contained and the material taken back to the CHPP to be reprocessed	Hydrocarbon
22/03/2022	Hydraulic oil spill from Excavator 316 An estimated 7000L of hydraulic oil spilled in pit due to impact on hydraulic hoses as a result of the excavator bogging in soft ground.	Following recovery of the excavator a number of truckloads of contaminated spoil were removed to the bioremediation area.	Hydrocarbon Cat 2
08/03/2022	Dam 2N, 35S, 39S and 15N overflow event. During consecutive rain days between 6 and 9 March 2022, HVO recorded 141.2mm and 141.6mm of rainfall at its North and South weather stations respectively. The rainfall recorded significantly exceeded the design rainfall depth for sediment dams 2N, 35S and 39S and exceeded the capacity of mine stormwater containment Dam 15N.	The incident was notified to DPE, EPA and Resource Regulator. HVO deemed that the incident would not have caused environmental harm.	Water
23/03/2022	Coal haulage truck oil leak on Pikes Gully Road The hydraulic supply line ruptured between the hydraulic tank and a trailer on A double 1394.	The oil at the Newdell receival pad was cleaned up. In addition, an action has been raised with the contractor to conduct a hydraulic hose audit on their trucks and implement recommendations.	Hydrocarbon
28/03/2022	Dam 32N (Coffeys) overflow event During March, HVO recorded between 256.2mm and 265.6mm of rainfall at its North and South weather stations respectively. The rainfall recorded exceeded the capacity of the mine stormwater containment Dam 32N (Coffeys Dam) resulting in it spilling to Bayswater Creek at the HVLP.	The incident was reported to DPE, EPA and the Resources Regulator. A pump was installed to dewater to the Ravensworth CHPP. Despite being classified as a mine-water dam the water spilling was of fresh quality due to the majority of the catchment area being undisturbed.	Spill
30/03/2022	Ammonium Nitrate Emulsion overflowed from a tank inspection hatch to concrete pad	The spill occurred during a “high-level cut-out” test and related to the parameters used. The spill was cleaned up immediately.	Chemical

	The crew found ~ 50kg of ANE had overflowed from the tank inspection hatch onto the ground below.		
20/4/2022	<p>Fuel Hose on Lube Cart 983 leaked fuel</p> <p>The fuel hose on Lube Cart 983 was incorrectly fitted causing the engine to fill with fuel which overflowed onto the ground at the south pit Auger Ramp. The spill was approximately 20 litres.</p>	Material not able to be recovered.	Hydrocarbon

3.0 Community Sponsorship and Events

Round One of the HVO Community Grants Programme for 2022 closed in May with nine applications received and currently being assessed. Round Two of the programme is scheduled to open in September with an application link to be provided closer to the time.

HVO recently provided sponsorship to the Jerrys Plains Bicentennial weekend held on 30 April and 1 May and also assisted with maintenance tasks at the Jerrys Plains School of Arts Community Hall.

Community Information Sessions were held at Jerrys Plains on 23 March and Maison Dieu on 30 April to provide information to near neighbours on current operations and the HVO Continuation Project.

4.0 Environmental monitoring

Monthly summaries of environmental monitoring; December 2021 – February 2022

December 2021

Attached as **Appendix A**

January 2022

Attached as **Appendix B**

February 2022

Attached as **Appendix C**

5.0 Environmental Documents

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

31/1/2022	Hunter Valley Operations Environment Protection Licence 640 Monitoring Data November 2021
31/1/2022	Hunter Valley Operations Enforceable Undertaking Annual Report 2021
31/1/2022	Hunter Valley Operations 2021 EPBC 2016-7640 Annual Compliance Report
2/2/2022	Hunter Valley Operations Environment Protection Licence 640 Monitoring Data - December 2021
22/3/2022	Hunter Valley Operations Environment Protection Licence 640 Monitoring Data January 2022
12/4/2022	Hunter Valley Operations South Modification 6
26/4/2022	South East TSF Annual-Safety-Standards-Report-2021
26/4/2022	Lake James Annual-Safety-Standards-Report-2021
26/4/2022	Lemington Mine Tailings No 4 Annual-Safety-Standards-Report-2021
26/4/2022	Parnells Creek Annual-Safety-Standards-Report-2021
26/4/2022	Riverview Void Annual-Safety-Standards-Report-2021
2/5/2022	Hunter Valley Operations Environment Protection Licence 640 Monitoring Data February 2022
2/5/2022	Hunter Valley Operations Environment Protection Licence 640 Monitoring Data March 2022
2/5/2022	Hunter Valley Operations Monthly Environmental Monitoring Report December 2021