



Rasp Mine
Monthly Environmental Monitoring Report
August 2022



INTRODUCTION

Broken Hill Operations Pty Ltd (BHOP) [a wholly owned subsidiary of CBH Resources Limited (CBH)] owns and operates the Rasp Mine (the Mine), which is located centrally within the City of Broken Hill on Consolidated Mine Lease 7 (CML7).

Mining has been undertaken within CML7 since 1885. The existing operations at the Rasp Mine include underground mining operations, a processing plant producing zinc and lead concentrates and a rail siding for concentrate dispatch. These operations are undertaken in accordance with Project Approval 07_0018 granted 31 January 2011, under Part3A of the Environmental Planning and Assessment Act 1979 (EP&A Act).

As the holder of an Environmental Protection Licence, 12559, BHOP is required, under Section 66(6) of the NSW *Protection of the Environment Operations Act 1997*, to publish pollution monitoring data. In addition BHOP is required to publish data in accordance with its Project Approval 07_0018 Schedule 4 Condition 9. These documents can be found on the Rasp Mine web site.

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1 Air Quality

The following pollutants as listed in the Project Approval (DA 07_0018 MOD6 March 2022) are required to be monitored in EPL 12559:

Long Term Criteria for Particulate Matter

Pollutant	Averaging Period	Criterion
Total solid particles (TSP)	Annual	90 µg/m ³
Particulate matter < 10 µm (PM ₁₀)	Annual	25 µg/m ³

Short Term Criterion for Particulate Matter

Pollutant	Averaging Period	Criterion
Particulate matter < 10 µm (PM ₁₀)	24 hour	50 µg/m ³

Long Term Criteria for Deposited Dust

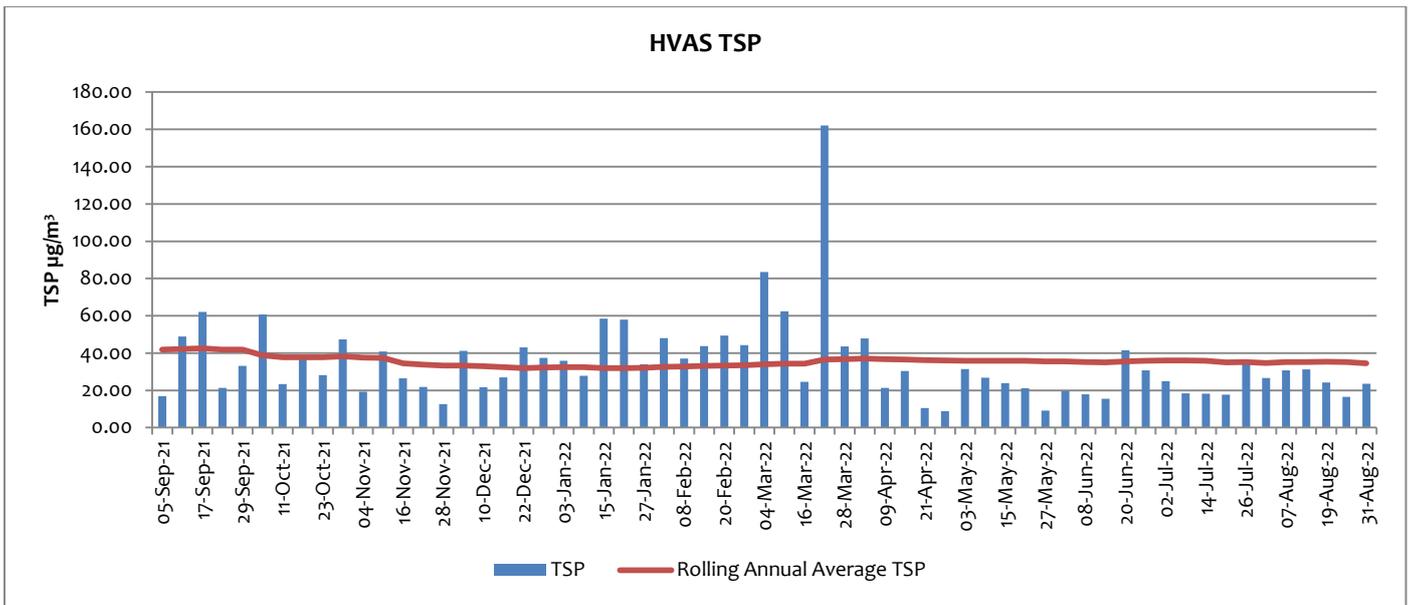
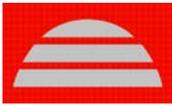
Pollutant	Averaging Period	Maximum Project Contribution	Maximum Total Deposited Dust Level
Deposited dust	Annual	2 g/m ² /month	4 g/m ² /month

1.1 High Volume Air Samplers

There are four high volume air samplers used to measure ambient air quality at the Rasp Mine – HVAS (EPL10) and HVAS1 (EPL11) are located at the Silver Tank, central and to the south of the mine lease, and HVAS2 (EPL12) and HVAS3 (EPL57) are located adjacent to and north of Blackwood Pit. A map indicating these locations can be found on the Rasp Mine web site. HVAS and HVAS3 sample for total suspended particulates (TSP) and lead dust, and HVAS1 and HVAS2 sample for particulate matter less than 10 microns (PM₁₀) and lead dust.

HVAS (EPL10) - Silver Tank (On Site) Results for August 2022

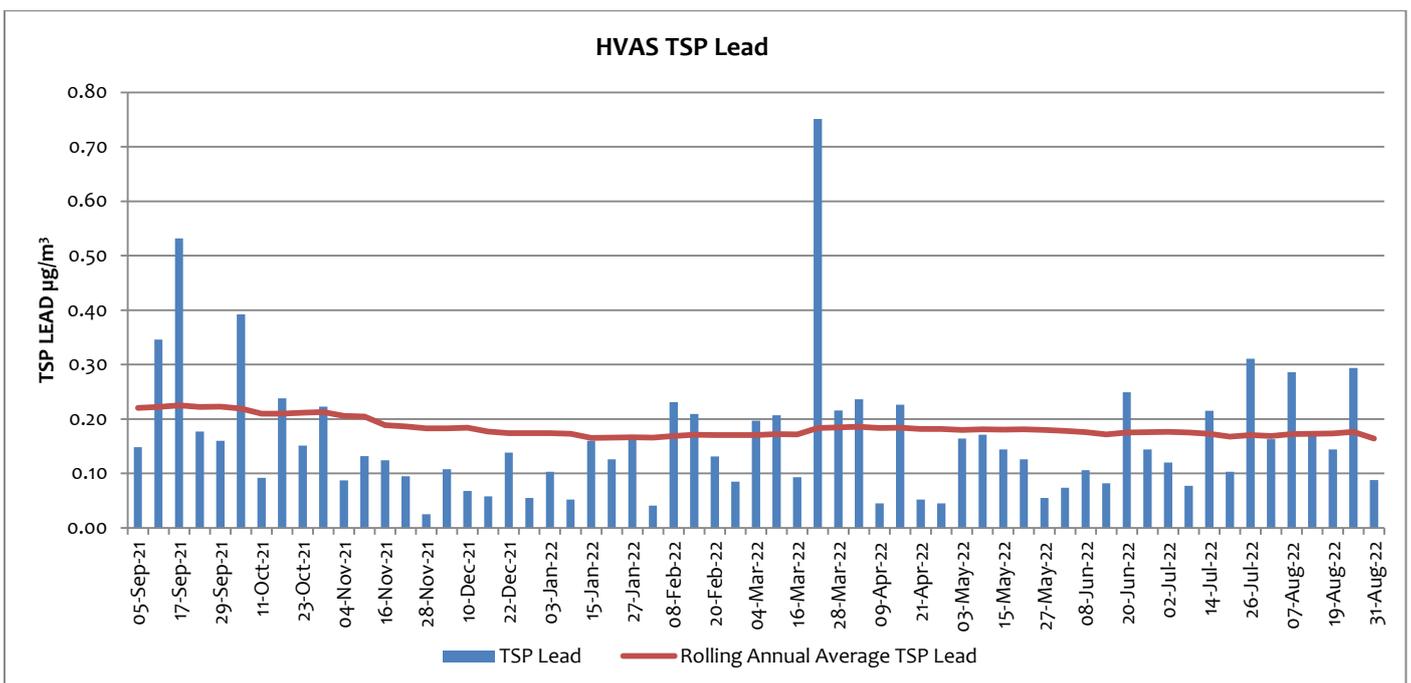
DATE	TSP (µg/m ³)	Lead (µg/m ³)
01-August-22	26.70	0.16
07-August-22	30.70	0.29
13-August-22	31.20	0.18
19-August-22	24.20	0.14
25-August-22	16.50	0.29
31-August-22	23.50	0.09

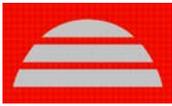


HVAS (EPL10) is located on the southern boundary of Rasp Mine and while limit criteria do not apply at this point, they do apply at the closest residential location.

TSP dust results at HVAS for the month of August were consistent with results seen in previous months. The highest TSP levels for August were 31.20 $\mu\text{g}/\text{m}^3$ on 13 August when winds were predominantly from the WNW, suggesting that there was contribution from site, potentially off the Haul Road. Water carts apply water to site roads daily and dust suppressant is applied to free areas and unsealed roads. The annual rolling average for TSP at this location is 34.55 $\mu\text{g}/\text{m}^3$ at the end of August, lower than the average at the beginning of September 2021 which was 41.78 $\mu\text{g}/\text{m}^3$ and below the annual TSP criteria of 90 $\mu\text{g}/\text{m}^3$.

The annual rolling average for TSP is determined using data with extreme dust events included.



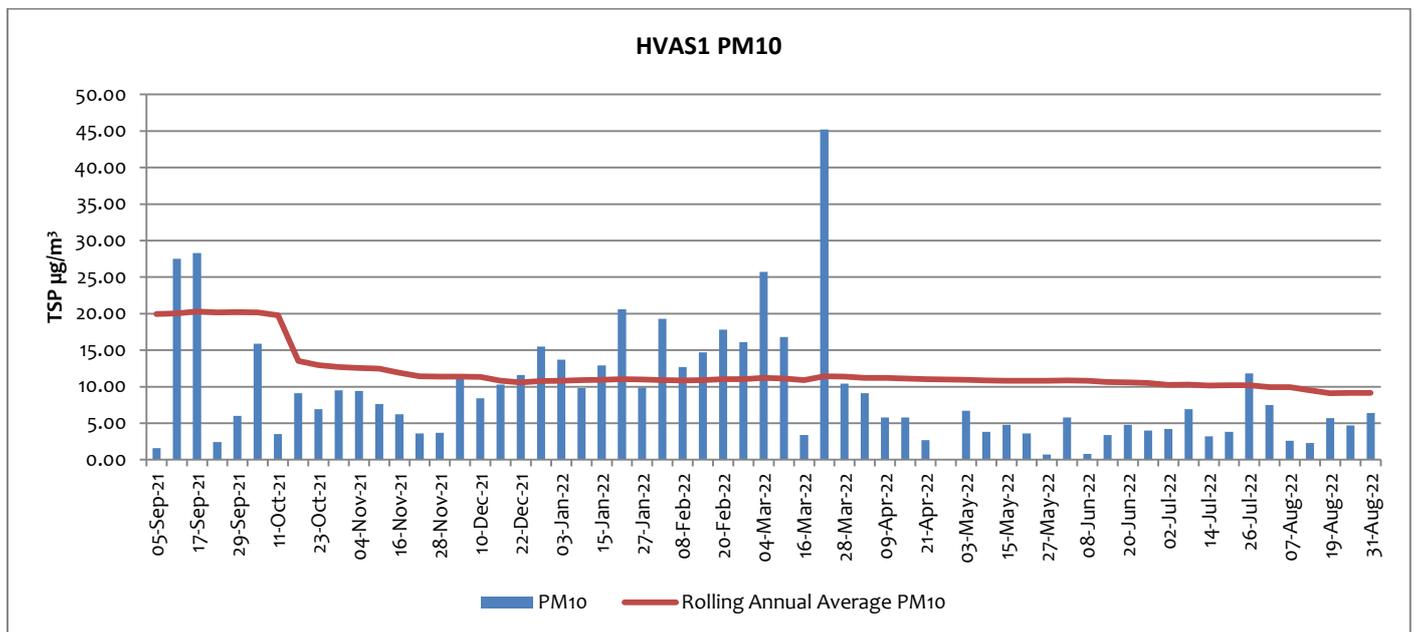


TSP Lead dust results at HVAS for the month of August were higher than results seen in previous months. The highest TSP Lead level for August was 0.29 $\mu\text{g}/\text{m}^3$ on 7 August and 25 August when winds were predominately from the WNW and SW respectively. The rolling annual average for TSP Lead in August 2022 was 0.16 $\mu\text{g}/\text{m}^3$ which is lower than the rolling annual average of 0.22 $\mu\text{g}/\text{m}^3$ for TSP Lead in September 2021.

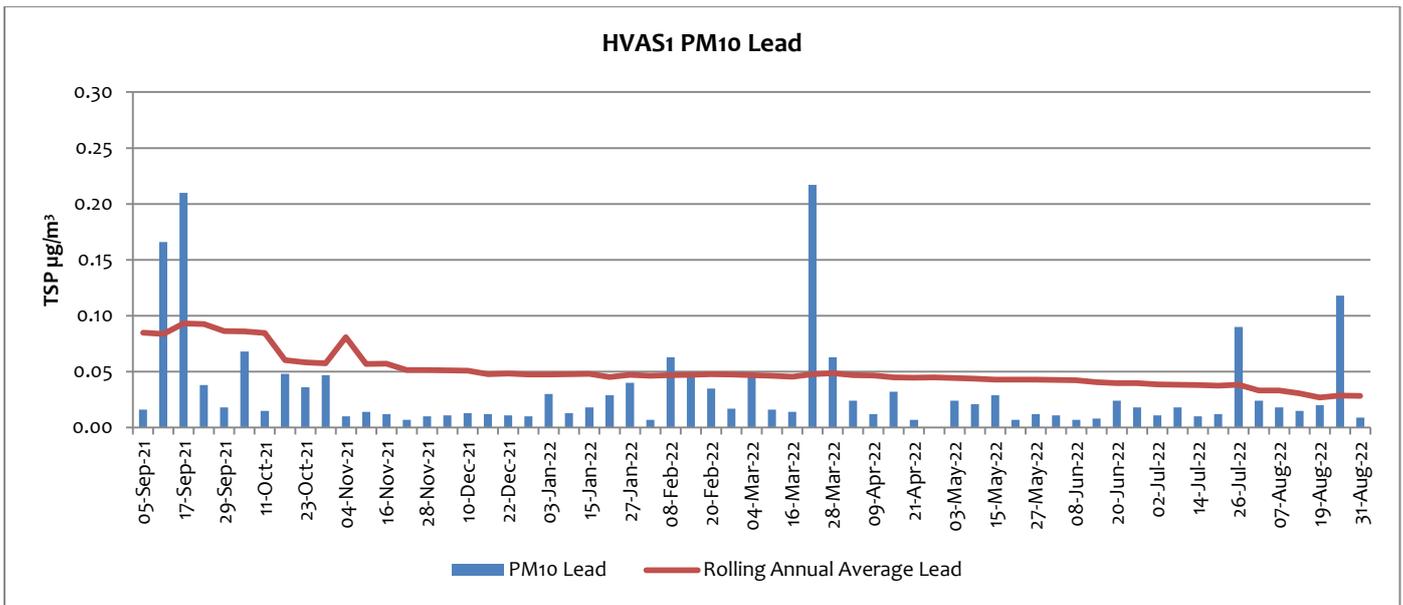
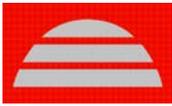
HVAS1 (EPL11) - Silver Tank (On Site) Results for August 2022

DATE	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	Lead ($\mu\text{g}/\text{m}^3$)
01-August-22	7.50	0.02
07-August-22	2.60	0.02
13-August-22	2.30	0.02
19-August-22	5.70	0.02
25-August-22	4.70	0.12
31-August-22	6.40	0.01

HVAS1 (EPL11) is located on the southern boundary of Rasp Mine and while limit criteria do not apply at this point, they do apply at the closest residential location.



PM₁₀ dust results at HVAS1 for month of August were consistent with previous months. The highest PM₁₀ dust levels recorded in August were 7.50 $\mu\text{g}/\text{m}^3$ on 1 August when winds were predominantly from the West suggesting contribution from site, potentially the Haul Road. The annual rolling average for PM₁₀ dust at this location is 9.1 $\mu\text{g}/\text{m}^3$ at the end of August 2022, lower than the annual rolling average at the beginning of September 2021 which was 19.9 $\mu\text{g}/\text{m}^3$. External and extreme dust events are recorded in measurements.



PM₁₀ Lead dust results at HVAS1 were consistent in the month of August compared to previous months except for an elevated Lead PM₁₀ result of 0.12 µg/m³ on 25 August when winds were predominantly from the South. This suggests the source of Lead dust was likely from off site. The rolling annual average for PM₁₀ Lead in August was 0.03 µg/m³, down from 0.08 µg/m³ in September 2021.

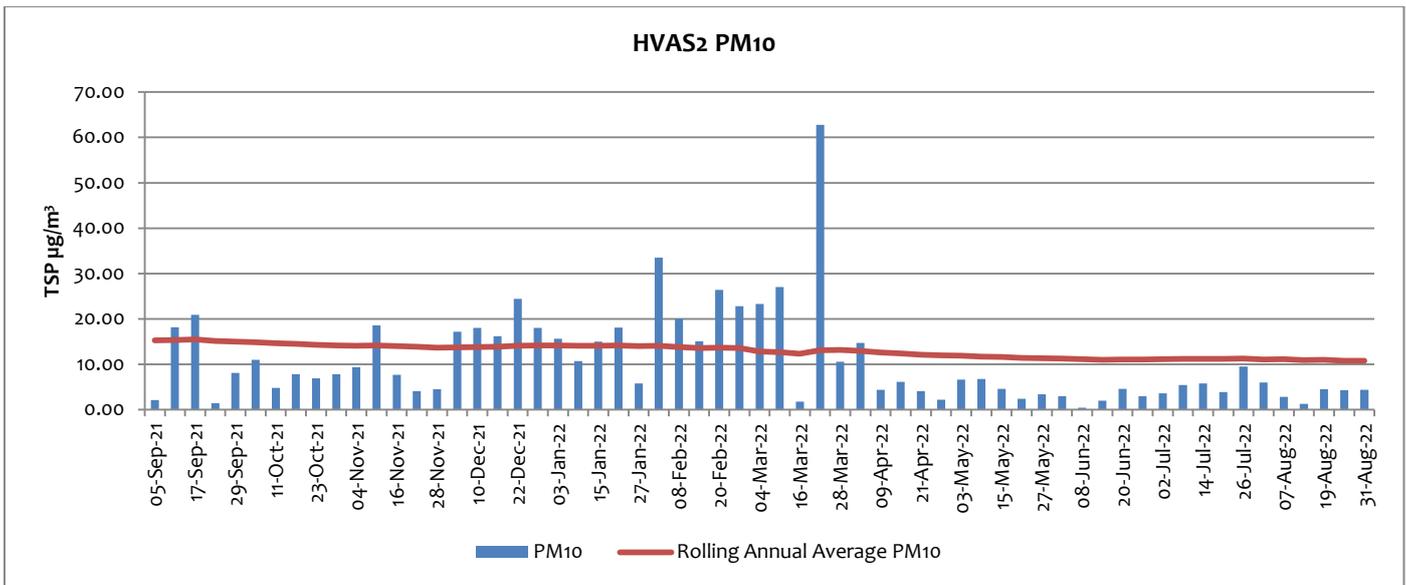
HVAS 2 (EPL12) - Blackwood Pit (On Site) Results for August 2022

DATE	PM ₁₀ (µg/m ³)	Lead (µg/m ³)
01-August-22	6.00	0.01
07-August-22	2.80	0.04
13-August-22	1.30	0.03
19-August-22	4.50	<0.007
25-August-22	4.30	0.04
31-August-22	4.40	0.02

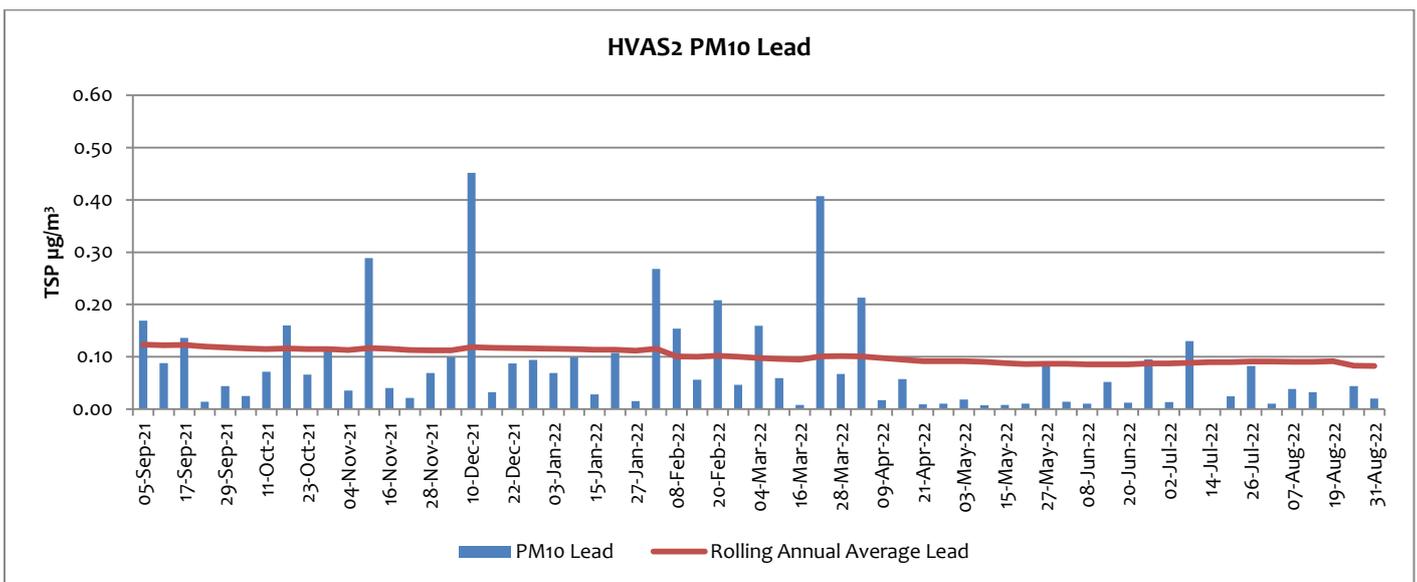
HVAS2 (EPL12) is located on the northern boundary of Rasp Mine and while limit criteria do not apply at this point, they do apply at the closest residential location.

PM₁₀ levels at HVAS2 remained consistent in August. The highest recorded PM₁₀ dust reading for August was 6.00 µg/m³ on the 1 August when winds were from the West suggesting there was contribution from off-site. The annual rolling average for PM₁₀ dust at this location is 10.75 µg/m³ at the end of August 2022, down from 15.29 µg/m³ in September 2021.

The annual rolling average for PM₁₀ dust is determined using data with extreme dust events included.



There were low PM₁₀ lead levels recorded at HVAS2 in August. The rolling annual average for PM₁₀ Lead in August 2022 was 0.08 µg/m³ down from 0.12 µg/m³ in September 2021.



HVAS 3 (EPL57) - Blackwood Pit (On Site) Results for August 2022

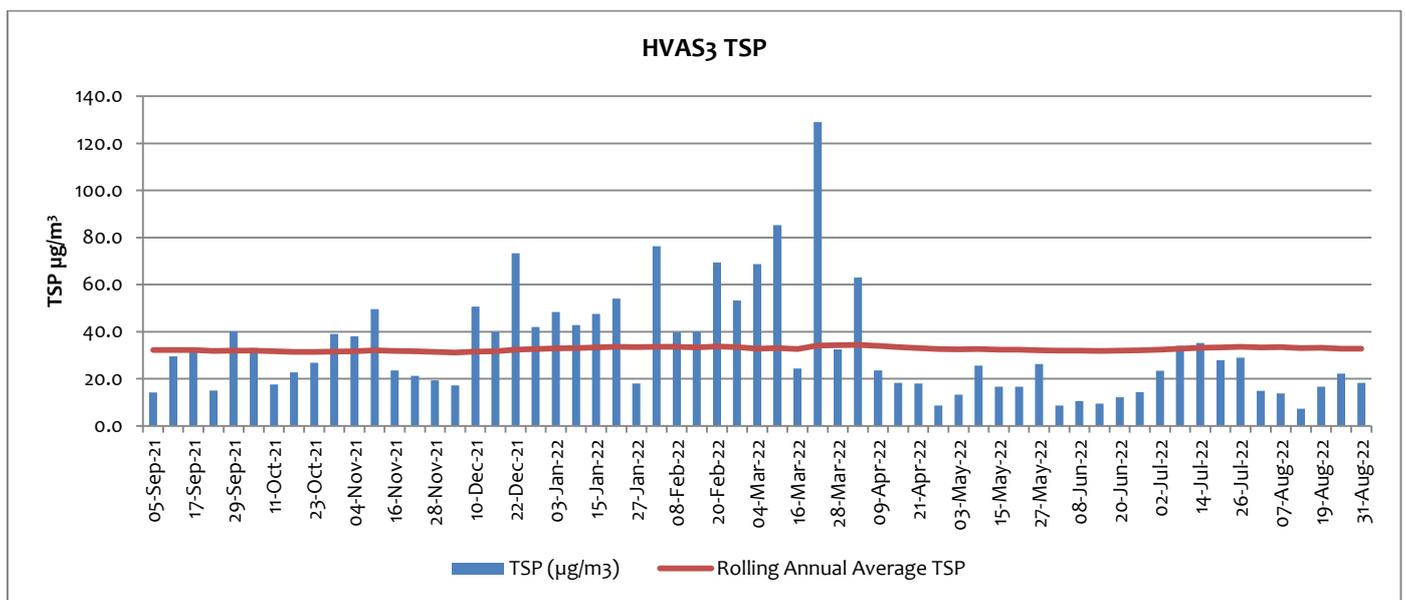
DATE	TSP (µg/m ³)	Lead (µg/m ³)
01-August-22	14.90	0.04
07-August-22	13.80	0.14
13-August-22	7.30	<0.007
19-August-22	16.60	0.05
25-August-22	22.20	0.20
31-August-22	18.30	0.14



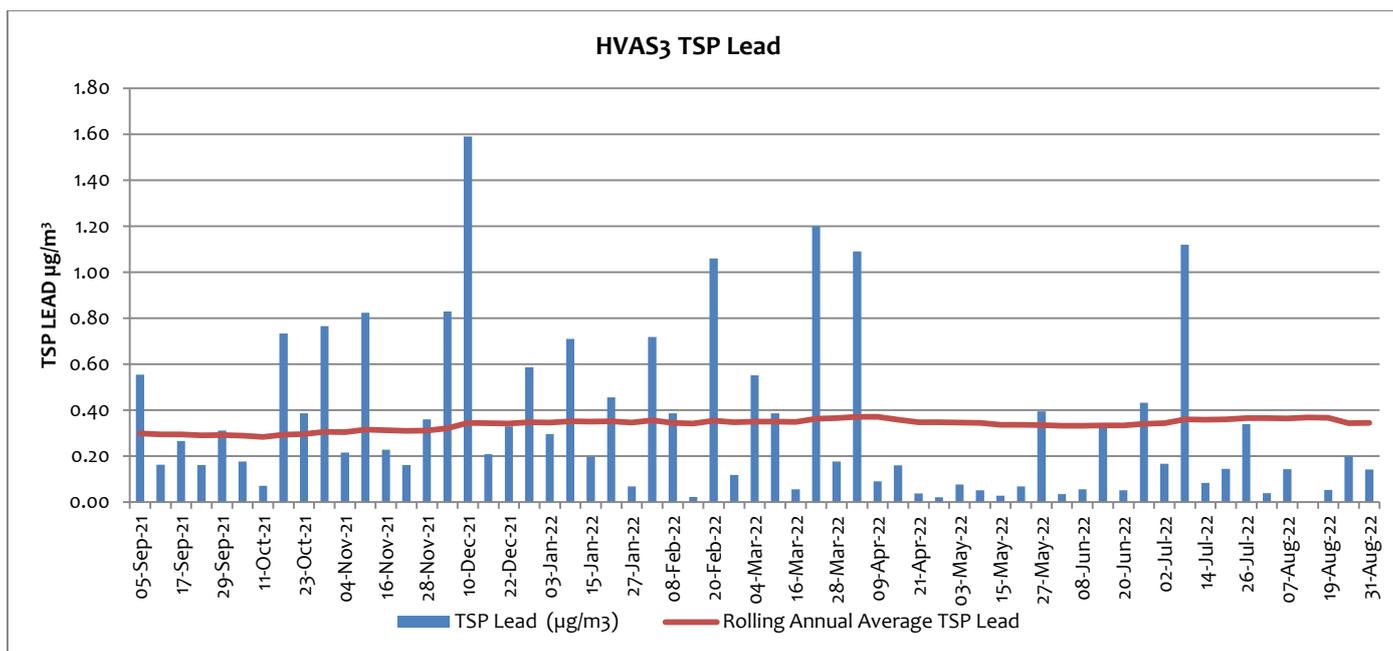
HVAS3 (EPL57) was included in EPL 12559 on 14 March 2019 to provide for monitoring of TSP Dust on the northern boundary of the site at Blackwoods Pit TSF2.

TSP levels at HVAS3 were highest on 25 August with a result of 22.20 $\mu\text{g}/\text{m}^3$. Wind on this day was predominately from the SW suggesting potential lift off from TSF2. The annual rolling average for TSP dust at this location is 32.83 $\mu\text{g}/\text{m}^3$ at the end of August 2022, slightly up from 32.29 $\mu\text{g}/\text{m}^3$ in September 2021. A sprinkler system to improve dust control from the TSF is currently being installed.

The annual rolling average for TSP is determined using data with extreme dust events included.



TSP Lead levels were lower in August than previous months. The highest August result of 0.20 $\mu\text{g}/\text{m}^3$ was recorded on 25 August when winds were predominantly from the SW suggesting contribution from the site and likely to be dust lift-off from the TSF. The rolling annual average for TSP Lead in August was 0.34 $\mu\text{g}/\text{m}^3$, up from 0.30 $\mu\text{g}/\text{m}^3$ in September 2021. A sprinkler system is currently being installed on the TSF.



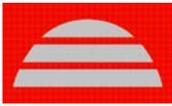
1.2 Tapered Element Oscillating Microbalance Sampling (TEOM)

There are two Tapered Element Oscillating Microbalance (TEOM) sampling units used to measure ambient air quality at the Rasp Mine – TEOM1 (EPL13) is located off-site within the perimeter fence of Essential Water south of the mine lease, and TEOM2 (EPL14) is located on-site adjacent to Blackwood Pit to the north of the mine lease. A map indicating these locations can be found on the Rasp Mine web site. TEOM1 and TEOM2 are designed to operate continuously and sample for particulate matter less than 10 microns (PM₁₀) in size.

TEOM2 was temporarily decommissioned in 19 June 2019 due to Embankment 2 TSF2 construction works. The decommissioning is in accordance with dust management strategies agreed with the EPA which includes the operation of a real-time PM₁₀ monitor north of the construction works. Both Project Approval and Environment Protection Licence criteria exclude dust storms and other extraordinary events.

Project Approval 07_0018 criteria apply at TEOM1 and TEOM2, with two criteria listed for PM₁₀, a 24 hour average criteria of 50 µg/m³ and an annual average criteria of 25 µg/m³.

TEOM data is validated by third party consultants using Australian Standards and internal procedures, and is used to populate the table of TEOM monthly data.



TEOM1 (EPL13) (Off Site) and TEOM2 (EPL14) (On Site) Validated Results for August 2022

TEOM data for August will be reported in the September monthly report due to a delay in validation and supply of data by third party consultants.

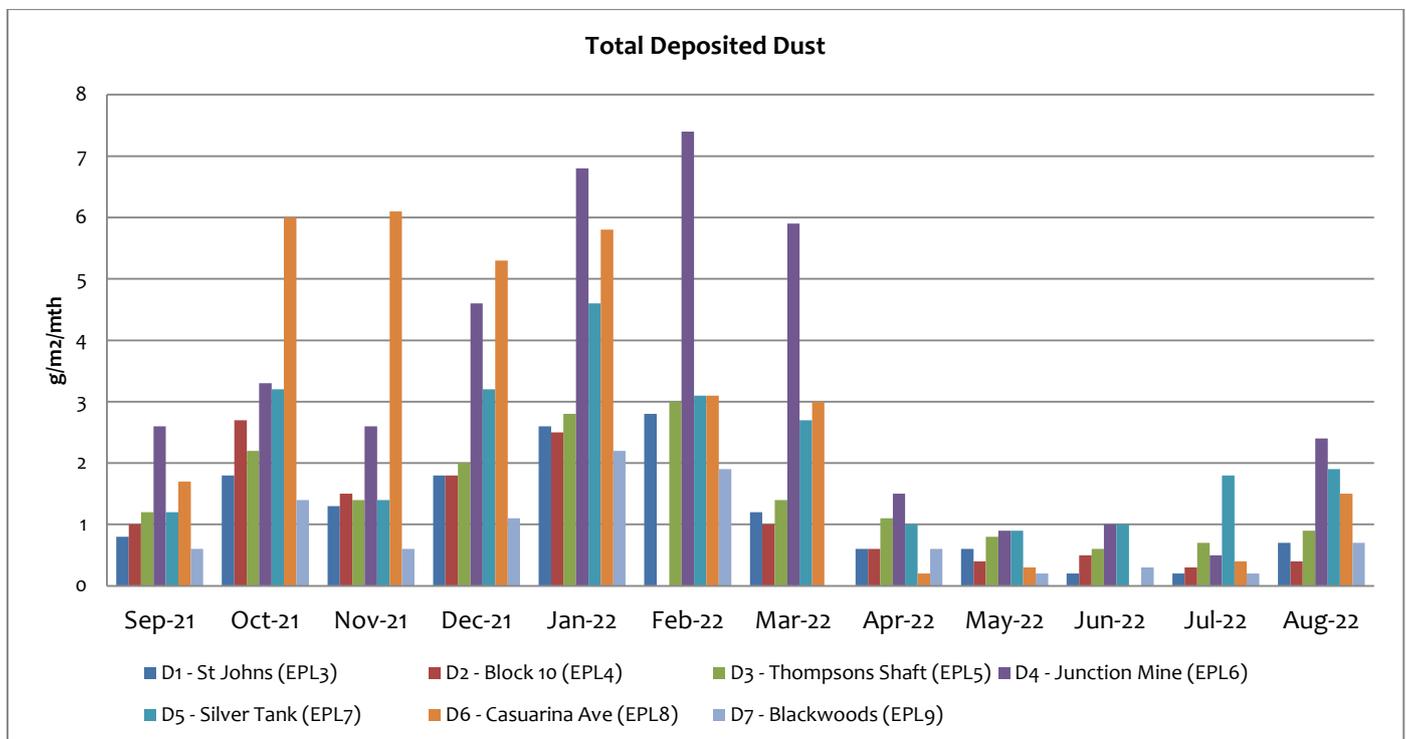
1.3 Dust Deposition Sampling

There are seven dust deposition gauges to measure ambient air quality at the Rasp Mine – D1 to D7. D1 and D6 are located off-site, D1 near the St Johns training facility north of the Rasp Mine and D6 in Casuarina Avenue south of the Rasp Mine. D2 to D5 and D7 are located on the mine lease in various locations. A map indicating these locations can be found on the Rasp Mine web site. Dust samples are collected monthly and analysed for total deposited dust and deposited lead dust.

Dust Deposition Gauges D1 (EPL3) to D7 (EPL9) – Results for August 2022

Total Deposited Dust (g/m ² /Month)							
Sample Period	D1 (off site)	D2 (off site)	D3 (on site)	D4 (off site)	D5 (on site)	D6 (off site)	D7 (on site)
August 2022	0.7	0.4	0.9	2.4	1.9	1.5	0.7
Annual Rolling Average	1.22	1.15	1.51	3.29	2.17	3.04	0.89
Background (2010)	4.0	3.1	4.3	5.7	- ¹	5.8	- ¹

Note: “1” = background not available, N/A = not applicable as dust deposition unit is located on site, NS = No sample



The dust levels recorded in Dust Gauges in August were higher than previous months. The highest dust levels were recorded in the D4 Junction Mine gauge. The predominant wind direction for August was from the NW as shown in the Wind Rose in Section 4, suggesting that the cause of dust was from off-site sources.



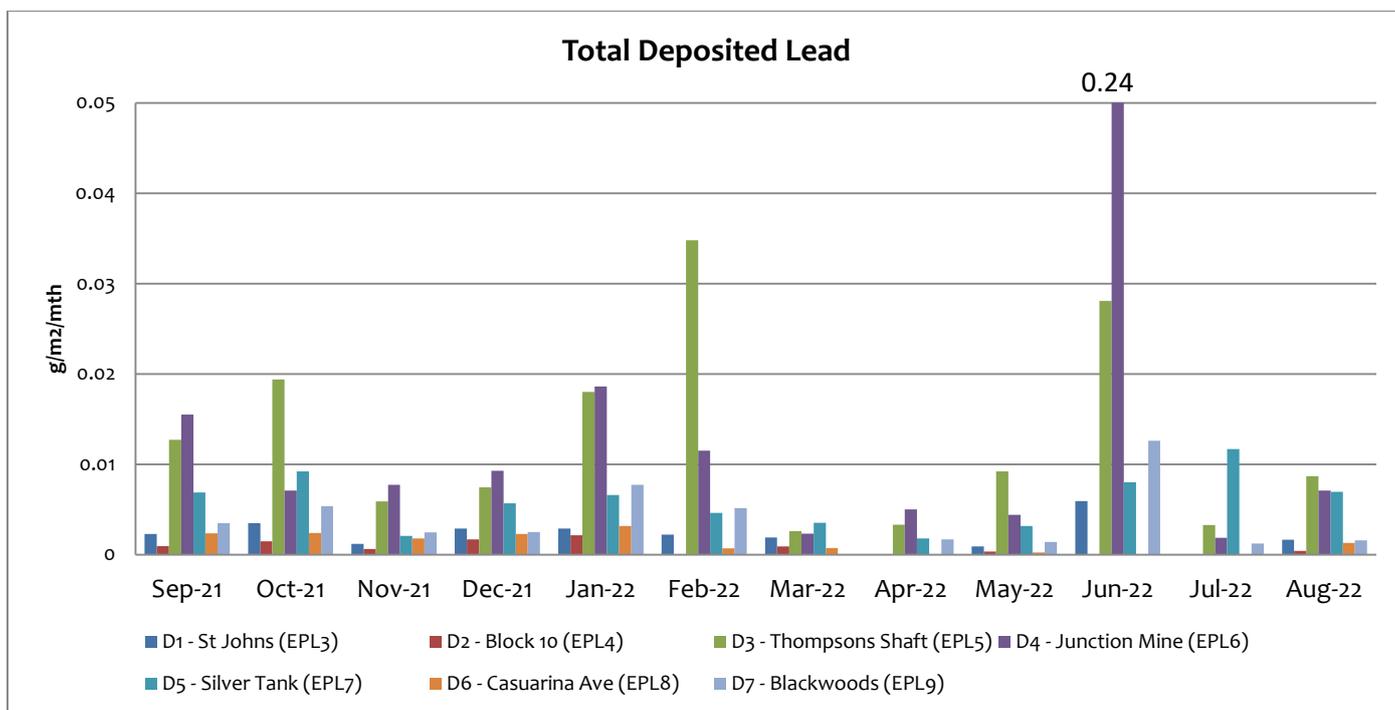
Dust Deposition Gauges must adhere to criteria of annually averaged deposited dust of 4 g/m²/month. All off-site Dust Deposition Gauges remained compliant in August 2022.

Total Deposited Lead (g/m ² /Month)							
Sample Period	D1 (off Site)	D2 (on site)	D3 (on site)	D4 (on site)	D5 (on site)	D6 (off Site)	D7 (on site)
August 2022	0.00167	0.00042	0.0087	0.00711	0.00695	0.00131	0.00159
Background (2010)	0.0034	0.005	0.005	0.006	⁻¹	0.004	⁻¹

Note: “1”= background not available, NS = No sample

There are no guidelines for deposited lead dust. Lead results in August were highest in the D3 Thompson Shaft gauge. The prominent wind direction for the month of August was from the NW, suggesting that the source of the lead is located off-site.

Dust suppressant is applied to unsealed areas of the site and roads are frequently watered using water carts in an attempt to control dust emissions. The waste dump adjacent to the rail loadout is treated with dust suppressant to capture any loose dust accumulating on the lower batters and on the upper surface.





1.4 Ventilation Outlets and Bag House Monitoring

There are two locations to measure pollutants from exhausts or stacks; these include the Primary Ventilation Shaft, measuring pollutants from underground firings, and the Baghouse Stack at the crusher measuring dust. Each are located on site; the Primary Ventilation Shaft is located centrally and to the north of the mine lease and the Primary Crusher Baghouse Stack is located within the area of the processing plant to the east of the lease. Shaft 6 (EPL56) was removed as a monitoring location with the variation of EPL12559 in March 2019 as it became an intake rather than an exhaust in April 2018. A map indicating these locations can be found on the Rasp Mine web site. Samples are collected quarterly and analysed for a number of parameters listed in below. Reference to the item required in the Rasp Mine Environment Protection Licence (EPL) is provided below. Emissions monitoring is conducted quarterly.

The following criteria apply:

Primary Ventilation Shaft (EPL1)

	Unit	Criteria
Nitrogen Oxides	mg/m ³	350
Volatile Organic Compounds	mg/m ³	40

Primary Ventilation Shaft (EPL1) and Crusher Baghouse (EPL2)

	Unit	Criteria
Total Suspended particles (TSP)	mg/m ³	20
Type 1 and Type 2 ¹	mg/m ³	1

Note 1: "Type 1 substance" means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements.

"Type 2 substance" means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements.

Primary Vent Shaft (EPL1) and Crusher Baghouse (EPL2) Results for August 2022

Monitoring was conducted at the Primary Vent Shaft (EPL1) and the Crusher Baghouse (EPL2) on 24 May 2022. The monitoring results for the Primary Vent Shaft and the Crusher Baghouse from this monitoring event were below the licence criteria.

2 Noise

2.1 Blasting (Vibration and Overpressure)

There are five compliance vibration monitors at various locations measuring for vibration and overpressure from blast firings. These include V1 to V5 which are located on-site and off-site. A map indicating these locations can be found on the Rasp Mine web site. In addition, there are a number of roving monitors which may be used to monitor vibration and overpressure at particular locations as required. Monitors operate continuously and are automatically triggered to record when a blast occurs. The following conditions apply as listed in the PA 07_0018 and EPL 12559:



Blasting Criteria (Western Mineralisation and Main Lodes excluding Block 7)

Location	Airblast Overpressure (dB(Lin Peak))	Ground Vibration (mm/s)	Allowable Exceedance (for production and development blasts)
Residence on privately owned land (7am-7pm)	115	5	5% of the total number of blasts over a 12-month period ¹
(7am-7pm)	120	10	0%
(7pm-10pm)	105	-	-
(10pm-7am)	95	-	-
Public Infrastructure	-	100	0%

Note 1: Does not apply until completion of Pollution Reduction Program on the EPL at the end of 2018. Applies to EPL criteria in the period for the Annual Return 3 Nov to 2 Nov the following year and to DPE criteria in the reporting period 1 Jul to 30 Jun each year.

Blasting Criteria (Block 7)

Location	Airblast Overpressure (dB(Lin Peak))	Ground Vibration (mm/s)	Allowable Exceedance (for production and development blasts)
Residence on privately owned land (7am-7pm)	115	3 (interim)	5% of the total number of blasts over a 12-month period ¹
(7am-7pm)	120	10	0%
(7pm-10pm)	105	-	-
(10pm-7am)	95	-	-
Broken Hill Bowling Club, Italo (Bocce) Club, Heritage Items within CML7	-	50	0%
Perilya Southern Operations	-	100	0%
Public Infrastructure	-	100	0%

Note 1: Applies to EPL criteria in the period for the Annual Return 3 Nov to 2 Nov the following year and to DPE criteria in the reporting period 1 Jul to 30 Jun each year.

In addition the following conditions also apply:

- Production blasts may occur between 6.45 am and 7.15 pm on any day
- 1 production blast per day, with 6 per week averaged over a calendar year
- 6 development blasts per day, with 42 per week averaged over a calendar year

Blasting Data Summary Results for August 2022

Total Blasts:

- 0 production blasts occurred before 6.45 am or after 7.15 pm
- The number of Production blasts averaged 2.25 per week over the previous calendar year
- The number of Development blasts averaged 25.23 per week over the previous calendar year

Western Mineralisation and Main Lodes (excluding Block 7):

- 0 Blast recorded >5 mm/s
- 0 Blasts recorded >10 mm/s
- 0 development blasts recorded an over pressure level over 95 dBL (10pm to 7am)
- 0 development blasts recorded an over pressure level over 105 dBL (7pm to 10pm)



- 0 Blasts recorded an over pressure level over 115dBL (7am to 7pm)
- 0 Blasts recorded an over pressure level over or 120 dBL at any time
- Percentage of development blasts over 5 mm/sec for the annual period = 0%
- Percentage of production blasts over 5 mm/sec for the annual period = 0%

Block 7:

- 0 Blasts recorded >3 mm/s
- 0 Blasts recorded >10 mm/s
- 0 Blasts recorded >50 mm/s at V6
- 0 blasts recorded an over pressure level over 95 dBL (10pm to 7am)
- 0 blasts recorded an over pressure level over 105 dBL (7pm to 10pm)
- 0 Blasts recorded an over pressure level over 115 dBL (7am to 7pm)
- 0 Blasts recorded an over pressure level over or 120 dBL at any time
- Percentage of development blasts over 3mm/sec for the annual period = 0%
- Percentage of production blasts over 3mm/sec for the annual period = 100%

The have been no production blasts in the Western Mineralisation and Main Lodes producing vibration at monitors over 5 mm/sec for the 12-month period.

The has been one production blasts in Block 7 for the 12-month period, this blast produced vibration at monitors over 3 mm/sec.

There were no exceedances of overpressure as a result of blasting in August 2022.

2.2 Noise

Noise monitoring is undertaken as per the NSW Noise Policy for Industry at a frequency of once per annum. Annual noise monitoring was conducted during two consecutive night-time periods from 3 to 5 May 2021.

The monitoring assessment found that site LAeq, 15min noise contributions satisfied the relevant limits during the measurements at all assessment locations.

3 Water

3.1 Groundwater

There are eighteen sampling locations for groundwater. GW01 (EPL37) to GW16 (EPL52) are piezometers installed at various locations around the mine site and are sampled quarterly. There are also two sampling locations for water pumped from underground mining, Shaft 7 (EPL53) and Kintore Pit (EPL54), which are sampled monthly. A map indicating these locations can be found on the Rasp Mine web site. Groundwater monitoring is scheduled for completion in March, June, September and December. No limits are applied in the EPL to the results from groundwater monitoring.

Groundwater Monitoring Requirements

EPA Identification Number	Frequency	Parameters to be analysed
Shaft 7 EPL53	Monthly	alkalinity (calcium carbonate (CaCO ₃)), cadmium (Cd), calcium (Ca), chloride (Cl), electrical conductivity (EC), iron (Fe), lead Pb), magnesium (Mg), manganese (Mn), pH, sodium (Na), sulphate (SO ₄), total dissolved solids (TDS) and zinc (Zn)
Kintore Pit (U/G dewatering) EPL54	Monthly	
Piezometers EPL37 (GW01) to EPL52 (GW16)	Quarterly	



Shaft 7 (EPL53) and Kintore Pit (EPL54) Results for August 2022

Sample Point	pH	EC (µS/cm ²)	TDS (mg/l)	Alkalinity (CaCO ₃) (mg/l)	SO ₄ (mg/l)	Cl (mg/l)	Ca (mg/l)	Mg (mg/l)	Na (mg/l)	Cd (mg/l)	Pb (mg/l)	Mn (mg/l)	Zn (mg/l)	Fe (mg/l)
Shaft 7 (EPL53)	5.64	12400	13600	7	6580	1930	543	393	1920	3.84	2.84	412	987	<0.05
Kintore Pit (EPL54)	Not pumping													

Groundwater Bores (EPL37 - EPL52) Results for August 2022

No groundwater monitoring was scheduled in August 2022.

3.2 Surface Water Sample Record

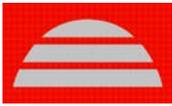
There are seven sampling locations for surface water, these include surface water basins located on the mine lease to capture and retain rainfall and two locations up and down stream of an ephemeral creek located south of the mine lease boundary. A map indicating these locations can be found on the Rasp Mine web site. Based on historical data, sampling is most likely to be undertaken in October (highest rainfall month as recorded by Bureau of Meteorology) and April.

Surface Water Monitoring Requirements

Description	Frequency	Parameters to be Analysed
Federation Way Culvert EPL29/S31-1	2 x per year, six months apart	cadmium (Cd), chloride (Cl), electrical conductivity (EC), lead Pb), manganese (Mn), pH, sodium (Na), sulphate (SO ₄), total dissolved solids (TDS) and zinc (Zn)
Ryan Street Dam EPL31/S49	2 x per year, six months apart	
Adjacent Olive Grove EPL32/S1A	2 x per year, six months apart	
Adjacent Bowls Club EPL33 /S9-B2	2 x per year, six months apart	
Horwood Dam EPL34/S34	2 x per year, six months apart	
Upstream Bonanza St EPL35	2 x per year, six months apart	
Downstream Sydney Rd EPL36	2 x per year, six months apart	

Surface Water Monitoring Results for August 2022

No surface water sampling occurred in August 2022.



4 Weather Data

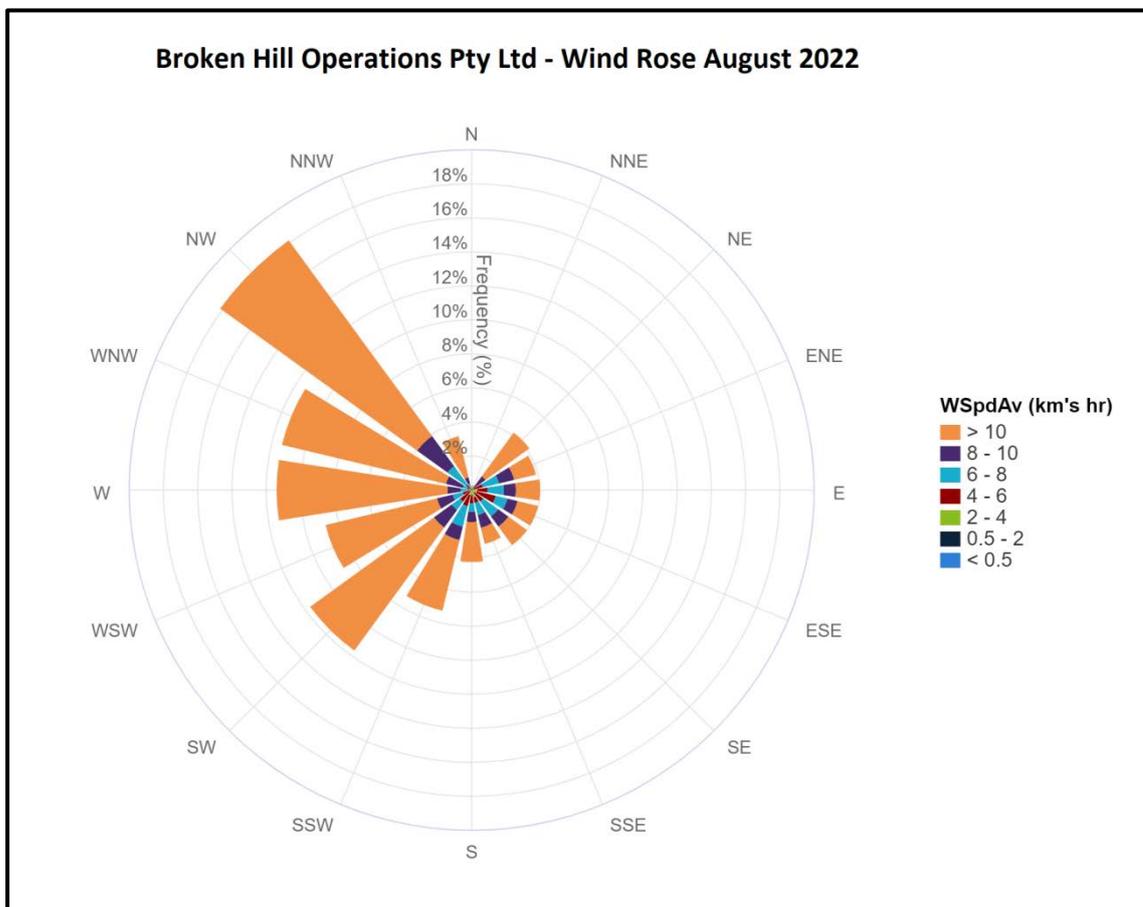
The weather station continuously monitors the following parameters as per Point 55 of the Environmental Protection Licence.

The following parameters are required to be recorded each month as listed in the EPL 12559:

Rasp Mine Weather Station (EPL55) Monitoring Requirements

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Temperature at 10 metres	AM-4	degrees Celsius	15 minutes	Continuous
Wind Direction at 10 metres	AM-4	degrees in a clockwise direction from True North	15 minutes	Continuous
Wind Speed at 10 metres	AM-4	metres per second	15 minutes	Continuous
Rainfall	AM-4	millimetres	1 hour	Continuous
Sigma theta	AM-2 & AM-4	degrees	15 minutes	Continuous

The wind rose provided below indicates that the prominent wind direction for the month of August was from the NW.





Rasp Mine Monthly Environment Monitoring Report

Weather Data Summary for August 2022

Date	Temperature @ 10m (°C)		Wind Speed @ 10m (km/hr)		Predominant Wind Direction @ 10m		Rainfall (mm)
	Min	Max	Min	Max	Cardinal	Degree	Total
01-Aug-22	6.3	15.4	2.1	16.9	NE	87	0.00
02-Aug-22	7.3	16.9	5.1	54.0	West	227	0.00
03-Aug-22	16.0	25.7	11.2	56.2	WSW	278	0.00
04-Aug-22	12.2	21.3	2.5	45.4	SW	296	10.10
05-Aug-22	9.3	16.2	3.7	40.3	WSW	303	0.00
06-Aug-22	6.2	15.0	6.8	30.7	South	210	0.00
07-Aug-22	5.4	14.4	4.4	18.9	East	115	0.00
08-Aug-22	8.3	14.9	0.3	12.5	NE	40	0.00
09-Aug-22	8.8	15.3	3.0	16.4	South	47	0.00
10-Aug-22	7.4	13.6	5.9	33.0	SW	229	0.00
11-Aug-22	11.8	16.3	6.6	42.3	SSW	233	0.00
12-Aug-22	9.0	15.5	4.5	34.3	South	275	0.80
13-Aug-22	6.7	13.9	6.0	29.8	ENE	290	0.00
14-Aug-22	5.7	15.0	4.9	25.2	SSW	232	0.00
15-Aug-22	8.8	16.3	3.4	26.5	SSW	199	0.00
16-Aug-22	6.5	15.1	2.9	30.1	South	151	0.00
17-Aug-22	9.1	18.2	4.5	33.6	NE	241	0.00
18-Aug-22	8.8	18.9	5.2	36.2	NE	242	0.80
19-Aug-22	6.4	14.8	5.5	21.7	South	270	0.00
20-Aug-22	8.0	16.3	1.5	22.6	WNW	242	0.00
21-Aug-22	8.0	18.6	2.5	19.7	SW	224	0.00
22-Aug-22	7.7	19.4	6.2	36.2	SW	212	0.40
23-Aug-22	5.0	11.1	7.8	34.6	South	210	0.60
24-Aug-22	4.8	12.8	3.9	23.2	South	200	0.00
25-Aug-22	6.1	12.9	1.8	21.9	South	116	0.00
26-Aug-22	9.9	13.7	2.8	20.1	NE	88	0.00
27-Aug-22	10.8	17.1	1.5	14.7	NNE	34	0.00
28-Aug-22	12.0	22.9	6.5	25.6	West	189	0.00
29-Aug-22	11.4	24.9	6.7	40.0	NW	219	1.10
30-Aug-22	7.4	15.7	5.4	29.9	SSW	123	0.00
31-Aug-22	5.9	16.0	1.9	18.7	NE	40	0.00

Rainfall of 13.8mm in August 2022.



5 Data Log

Sample	Result Received
Hi Volume Samples	16-09-2022
TEOM	Not yet received
Dust Deposition	29-09-2022
Vents & Bag House	19-06-2022
Noise	14-05-2021
Water	22-08-2022
Blast vibration and overpressure	01-09-2022
Weather	12-08-2022
Date posted to web site	18-10-2022

6 Correction Log

No corrections.