NEWCASTLE SAND

Newcastle Sand Environmental Monthly Report:

May 2025

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1. INTRODUCTION

This report has been prepared in accordance with the *Protection of the Environment Operations Act 1997* (POEO Act), Environment Protection Licence (EPL) 21264 and the reporting requirements of Development Consent SSD-6125 and associated management plans for the Cabbage Tree Road Sand Quarry. It provides a summary of environmental monitoring results and performance for the reporting month.

The monthly report includes noise, water and air monitoring required by EPL 21264 and internal monitoring undertaken and reported in accordance with:

- EPL 21264 (Conditions M1–M8, R1–R4)
- Development Consent SSD-6125 (Conditions B1–C15)
- NSW EPA's 2013 *Requirements for publishing pollution monitoring data*
- DPE's *Web-Based Reporting Guideline – State Significant Mining Developments (2023)*

A summary of the EPL licence details and Development Consent details for Cabbage Tree Road Sand Quarry are provided in **Table 1** and **Table 2** below. Tables throughout this report provide key monitoring information from the EPL and the Consent requirements, including:

- location of monitoring;
- pollutant;
- unit of measurement; and
- monitoring frequency required.

Refer to NSW EPA publishing guidelines at https://www.epa.nsw.gov.au/licensing-and-regulation/licensing/environment-protection-licences/licensing-under-poeo-act-1997/publishing-and-providing-pollution-monitoring-data for details of licence reporting requirements.

Table 1 Licensee EPL Summary

Licence Details	
Licence Number	**21264**
Anniversary Date	31 July
Licence Review	2024
Licensee	Williamtown Sand Syndicate PTY LTD
Licensee Address	PO Box 186 Waratah NSW 2298

Premises	Cabbage Tree Road Sand Quarry, 298 Cabbage Tree Road WILLIAMTOWN 2318
Scheduled Activity	Crushing, grinding or separating. Extractive activities.
Fee Based Activity	Crushing, grinding or separating. Extractive activities.
Link to Licence (EPA)	EPL 21264

Table 2 Development Consent Summary

Development Consent Details	
Development	**Cabbage Tree Road Sand Quarry**
Consent Authority	The Independent Planning Commission NSW
Applicant	Williamtown Sand Syndicate
Applicant Number and Link to Consent	SSD-6125

Table 3 and

Table 4 below outline the Quarry hours of operation for quarrying, loading and dispatching limits.

Table 3 Hours of Operation – Quarry Operations

Hours of Operation
Quarrying Operations
7am – 5pm Mon – Fri
7am – 4pm Saturday
At no time on Sundays or public holidays

Table 4 Hours of Operation - Loading and Dispatching

Hours of Operation
Loading and Dispatching of laden trucks
6am – 6pm Monday to Friday
7am – 4pm Saturday
At no time on Sundays or public holidays

2. NOISE & VIBRATION MONITORING

Noise monitoring is undertaken quarterly in accordance with EPL 21264 (Condition M8.1) and Development Consent SSD-6125. The noise criteria for site is displayed in **Table 5**. Locations of the receivers surrounding the project area is provided within **Appendix 1**.

2.1 CRITERIA

Table 5 Noise EPL Monitoring Criteria

Receiver	Day LAeq(15min)	Shoulder LAeq(15min)	Shoulder LA Max(1min)
Any resident receiver	43	39	45

2.2 RESULTS

Noise monitoring is undertaken in accordance with the EPL which states in Condition M8.1 that noise monitoring is to occur quarterly. Quarterly noise monitoring was not required for this reporting month. Monitoring is conducted in March, June, September, and December in accordance with EPL 21264 and the Noise Management Plan.

During the reporting period, no noise monitoring was completed. Previous noise monitoring occurred in the March reporting period and the next noise reporting period will occur in June 2025.

3. WATER MONITORING

Water monitoring is undertaken in accordance with EPL 21264 (Conditions M2 and M3) and Development Consent SSD-7332 (Conditions B30–B32). This includes monthly groundwater sampling from a network of monitoring bores and, where applicable, surface water monitoring from sediment basins or natural watercourses. Parameters monitored are selected based on potential impacts to the Tomago Sandbeds and surrounding environments.

Monthly surface and groundwater results are compared to site-specific trigger levels from the Soil and Water Management Plan (SWMP, currently version 3 approved). Water monitoring locations are provided in **Appendix 2**. Surface water locations (SW1–SW4) are not listed in EPL 21264 and are therefore not subject to NSW EPA public reporting requirements. Monitoring at these locations is conducted to meet SSD-6125 and SWMP obligations and is reported internally and through the Annual Environmental Management Review (AEMR).

3.1 GROUNDWATER

In accordance with the SWMP, an exceedance of the trigger value does not necessarily indicate that there is an unacceptable risk on site, but rather a trigger for further investigation or evaluation of management options.

Error! Reference source not found. and **Figure 1** Groundwater Level Monitoring Tarp Rules (Watershed HydroGeo, 2019) below present the results of the May groundwater monitoring period and the Trigger Action Response Plan associated. **Table 6** shows the groundwater monitoring results for May. As noted in the table, Level 1 TARP was triggered for BH2 and BH11 due to heavy rainfall during the month. The VGT Monitoring Report for May also recorded Standing Water Levels above the trigger at BH1A, BH2, BH10, and BH11, likely as a result of significant rainfall prior to monitoring. No other exceedances were observed for the month.

Table 6 EPL Groundwater Criteria and Monitoring Results

Monitoring Well	Groundwater Quality						Groundwater Levels			
	Arsenic	Iron	Manganese	Field EC (µS/cm)	Field pH (pH units)	Field Turbidity (NTU)	Depth to Water (mbTOC)	GWE	Max inferred	Max inferred
Site Trigger Values	**0.003**	**4.1**	**0.136**	**500**	**4.2-6.5**	**N/A**	**Refer to Figure 1**			
BH2*	<0.001	0.76	0.010	117	4.8	4.4	4.43	3.24	3.8	0.56
BH4	<0.001	0.05	0.010	144	4.7	2.6	0.77	2.29	3.0	0.71
BH6	<0.001	2.3	0.005	220	5.2	7.6	0.69	2.93	4.4	1.47
BH7	<0.001	0.56	0.030	135	4.7	2.2	0.84	2.14	3.7	1.56
BH9A	<0.001	0.28	0.020	137	5.0	50	8.35	2.4	3.0	0.6
BH11*	<0.001	1.7	0.007	193	4.5	3.5	1.45	5.19	5.5	0.31
MW239S	<0.001	0.37	0.005	161	4.7	3.8	0.51	2.53	3.9	1.37

*TARP activated at monitoring site due to heavy rainfall.

Level	Trigger	Action and Response	Report / Response Actions
0	Groundwater levels more than 0.5 m below *inferred* maximum historical level.	Standard operations – monthly dipping of operational on-site monitoring bores.	N/A
1	Groundwater levels within 0.5 m below *inferred* maximum historical level at any on-site bore.	Weekly (or more frequent) monitoring (dipping) of groundwater levels until water level declines to below high frequency level bores.	Internal and environmental consultant. Include note in Annual Report.
2	Groundwater levels within 0.25 m of *inferred* maximum historical level at any on-site bore.	Weekly (or more frequent) monitoring (dipping) of groundwater levels. Re-analysis and review of Minimum Extraction Level (MEL).	WSS to issue letter to DPIE, documenting groundwater level and rainfall trends, review and make recommendations regarding MEL.
3	Groundwater levels within resource area rise above previously *inferred* maximum groundwater level.	Analysis of recent data by hydrogeologist, including site data and data from local HWC wells and local Defence wells (if available). Revision of MEL. Remediation of earlier excavations to revised MEL if required by DPIE.	WSS to issue letter to DPIE, DoI Water and HWC, documenting groundwater level trends, and revision (if necessary) of MEL. Letter to outline remedial options, considering access, vegetation condition in previously rehabilitated areas. Re-grading of previously rehabilitated areas if required by DPIE.

Figure 1 Groundwater Level Monitoring Tarp Rules (Watershed HydroGeo, 2019)

3.2 PFAS

PFAS (Per- and Polyfluoroalkyl Substances) monitoring is conducted in accordance with the requirements of the Soil and Water Management Plan (2021) and Development Consent SSD-6125. Routine water sampling was undertaken in May across the full monitoring suite, including:

- Groundwater bores
- Surface water sites
- Wash plant process water

Monitoring is carried out in accordance with relevant national standards, including the PFAS National Environmental Management Plan (HEPA NEMP 2.0) trigger values.

All PFAS analytes were either below detection limits or well below applicable trigger thresholds, with no exceedances recorded in any location during the sampling round. The results further demonstrate that the site's PFAS mitigation and management systems are operating effectively, with no risk posed to downstream water users or the surrounding environment.

4. AIR QUALITY

Air quality monitoring at the Newcastle Sand site is undertaken in accordance with EPL 21264 (Conditions M2 and M3) and the NSW *Approved Methods for Sampling and Analysis of Air Pollutants*. The focus is on particulate matter (PM10 and TSP) to assess compliance with ambient air quality criteria and to monitor potential off-site impacts.

Real-time data informs Trigger Action Response Plan (TARP) interventions, while HVAS results feed into compliance assessment and trend reporting.

4.1 AIR QUALITY CRITERIA

Table 7 EPL P1.1 Air Monitoring

EPL ID Number	Type of Monitoring	Location Description
13	Ambient Air Monitoring	RT1
14	Ambient Air Monitoring	RT2
15	Ambient Air Monitoring	HVAS-1 PM10
16	Ambient Air Monitoring	TSP

Table 8 EPL Air Monitoring Requirements

Air Monitoring Requirements			
Point 13,14			
Pollutant	**Unit of Measure**	**Frequency**	**Sampling Method**
PM10	micrograms per cubic	Continuous	Australian Standard
Point 15			
Pollutant	**Unit of Measure**	**Frequency**	**Sampling Method**
PM10	micrograms per cubic	Every 6 days	AM-18
Point 16			
Pollutant	**Unit of Measure**	**Frequency**	**Sampling Method**
Total suspended	micrograms per cubic	Every 6 days	AM-15

4.2 AIR QUALITY RESULTS

Air quality for PM10 and TSP levels recorded for May are displayed in **Table 9**. BAM results for the May period are displayed in **Table 10** Below. As shown in the tables, the results for PM10, TSP and BAM were within compliance limits.

Table 9 HVAS Air Monitoring Results

Sample Date	HVAS 1 (PM10) Paddock	Rolling Average (PM10)	HVAS 2 (TSP) Sampson	Rolling TSP Average
	Criteria 50 µg/m³	Criteria 25µg/m³	-	Criteria 90 µg/m³
6 May 2025	3	14.3	23	25.3
12 May 2025	3	14.3	7	25.3
18 May 2025	6	14.1	12	25.4
24 May 2025	8	14.0	18	25.2
30 May 2025	14	14.0	27	25.2

Table 10 BAM Monitoring Results (PM10)

Month	RT1 Average (24 hour)	Rolling Average (Annual)	RT2 Average (24 hour)	Rolling Average (Annual)
May	6.40	9.97	4.81	5.74

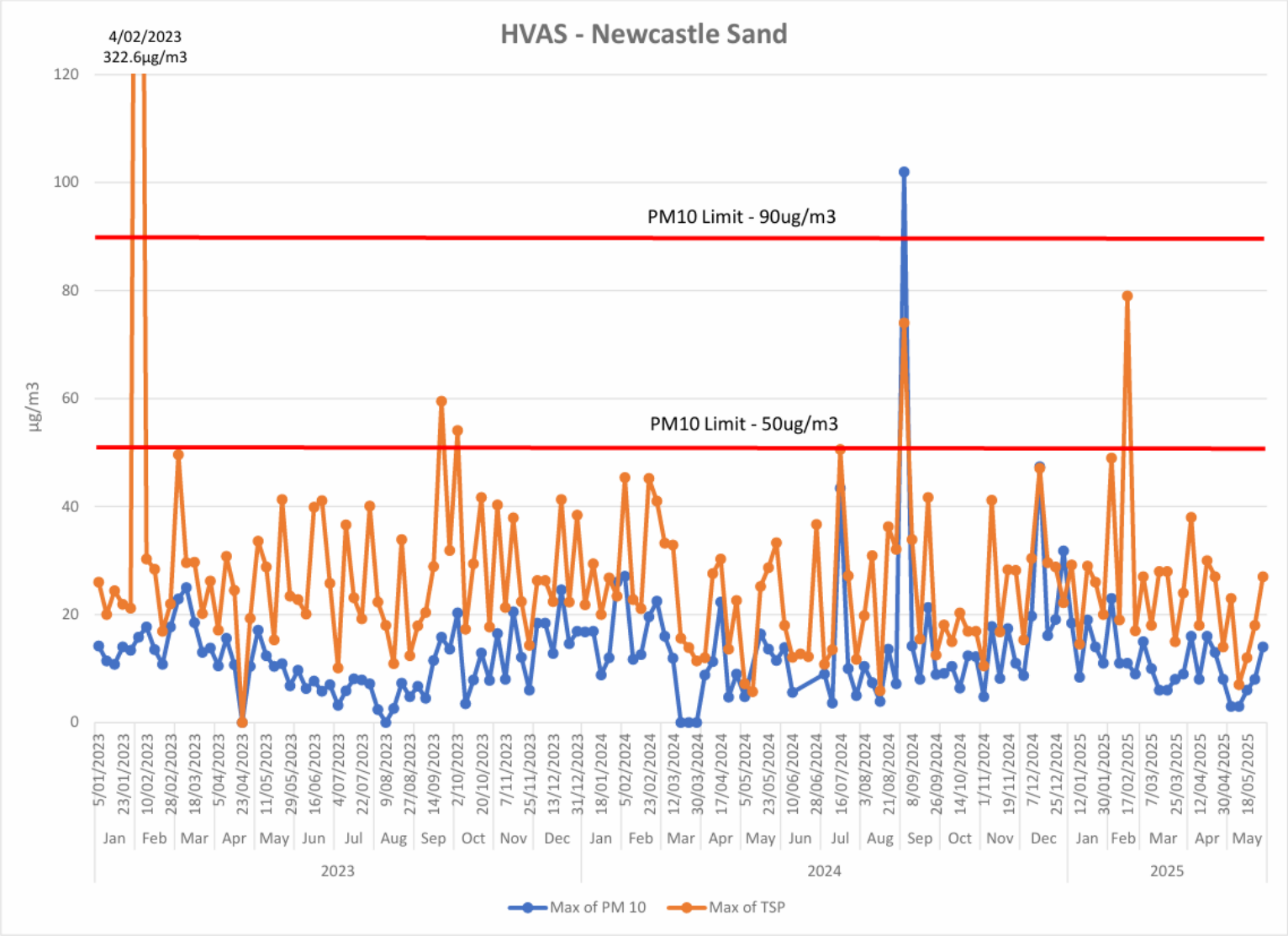

Figure 2 HVAS Long Term Results for TSP and PM10

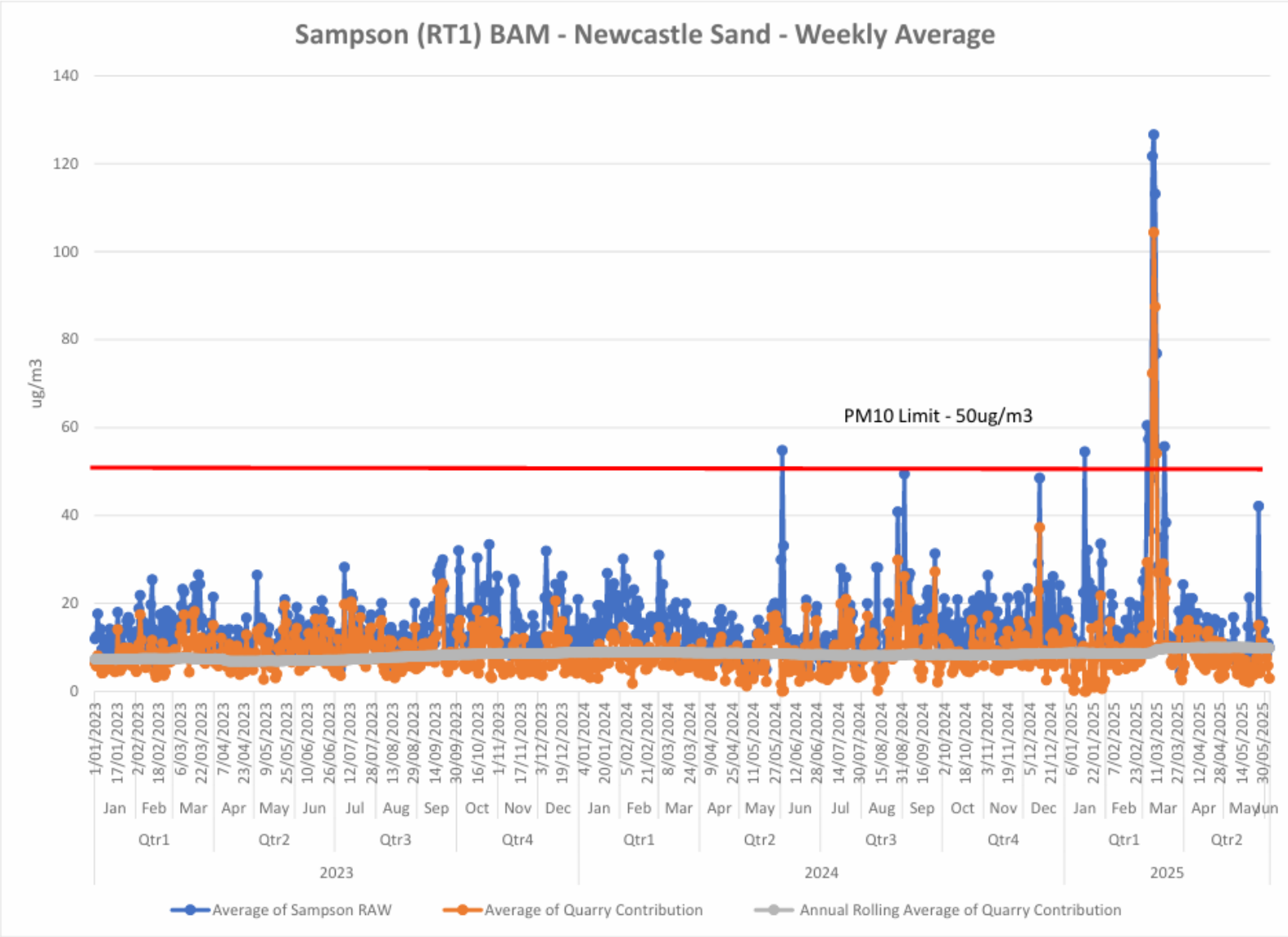

Figure 3 Sampson (RT1) BAM Long Term Results

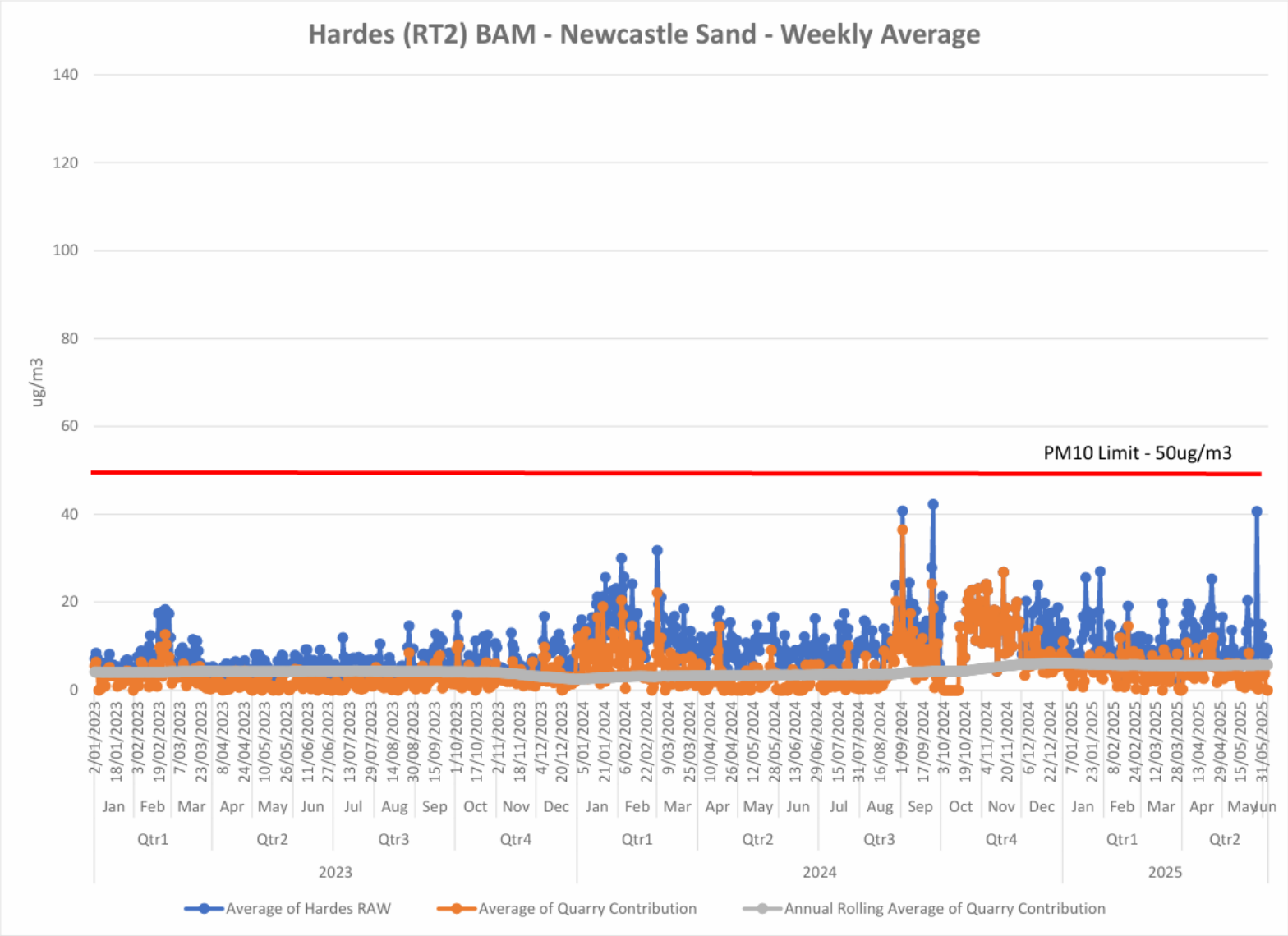

Figure 4 Hardes (RT2) BAM Long Term Results

Trigger Response Framework		
Trigger Stage	**Conditions**	**Action**
1	a) **Wind towards residents.** Where wind is directed towards surrounding residences,, that is the weather station indicates winds are blowing from the quatrants west (270°), THROUGH North (0°) to East (90°). **OR** b) **PM10 above background.** Continuous PM10 minotor shows rolling PM10 24-hour average exceeds the acerage background concentration of 22ug/m3.	Review operations and ensure water dust suppression is active (e.g. haul roads and stock-pile sprays)
2	a) Wind is directed toward surrounding residences; **AND** b) Rolling PM10 24-hour average axceeds 35ug/m3	No topsoil stripping or dozer pushing
3	a) Wind is directed toward surrounding residences; AND b) Rolling PM10 24-hour average exceeds 40ug/m3	No sand processing. **In addition to Stage 1 & 2 actions.**
4	a) Levels ontinue to increase after two hours since last action; AND **b) Wind is directed towards surrounding residences;** AND c) Rolling PM10 24-hour average exceeds 42.5 ug/m3	Suspend sand extraction. **In addition to Stage 1, 2, & 3 actions.**
5	a) PM10 levels continue to increase after two hours since last actions; **AND** b) Wind is directed towards surrounding residences; **AND** c) rolling PM10 24-hour average exceeds 45ug/m3	Suspend loading trucks (i.e. no machinery operating - except water carts and product haulage trucks already loaded). **In addition to Stage 1, 2, 3 & 4 actions.**
6	a) Rolling PM10 24-hour average exceeds 50ug/m3.	**All activities suspended (except dust control measures)** Complete Incident Notification to DPE within 24 hours. Complete Incident Investigation and Corrective Action Report.

Table sourced: Newcastle Sand, Air Quality Management Plan, 26th March, 2019, Ref: Air QMP V3 20190326

Figure 5 Air Quality Trigger Framework (AQMP, 2019)

5. METEROLOGICAL

5.1 METEOROLOGICAL CRITERIA

Meteorological observations for May 2025 were sourced from the Williamtown RAAF station (ID: 061078), located approximately 7.5 m above ground level and representative of local conditions at Newcastle Sand.

Table 11 and **Table 12** below outline the location and criteria associated with EPL 21264 (Conditions M5 and M6), the Air Quality Management Plan (AQMP), and the NSW EPA Approved Methods for Sampling of Air Pollutants (2016) require data to be used to support the validity of air and noise monitoring events and inform real-time responses to dust risks via the AQMP Trigger Action Response Plan (TARP).

Table 11 Meteorological Monitoring Location

EPL ID number	Type of Monitoring	Location description
17	Meteorological Station	Williamtown Bureau of Meteorology Station

Table 12 Meteorological Monitoring Criteria

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Temperature at 2 meters	AM-4	Degrees Celsius	1 hour	Continuous
Wind direction at 10 meters	AM-2 & AM-4	Degrees	15 minutes	Continuous
Wind speed at 10 meters	AM-2 & AM-4	Meters per second	15 minutes	Continuous
Sigma Theta	AM-2 & AM-4	Degrees	15 minutes	Continuous
Rainfall	AM-4	Millimetres	15 minutes	Continuous
Relative Humidity	AM-4	Percent	1 hour	Continuous

5.2 METEROLOGICAL RESULTS

Rainfall data was obtained from the Bureau of Meteorology Williamtown RAAF AWS (Station No. 061078, Williamtown, NSW - Daily Weather Observations (bom.gov.au)).

A total of 502 mm of rain fell during May, marking the highest monthly total recorded so far in 2025. The high levels of rainfall lead to the TARP being activated at groundwater monitoring points BH2 and BH11. Standing Water Levels above the trigger were also recorded at BH1A, BH2, BH10, and BH11 for May. No other exceedances were observed as a result of the rainfall.

Other meteorological conditions during the month were typical for the season. Wind direction is used to assess the relevance of elevated PM10 events recorded by BAM. No anomalies were observed that would invalidate monitoring results.

Table 13 Meteorological Results

Month	**Max mean temperature at 2 meters (Degrees** Celsius)	**Wind direction at 10 meters** (Degrees)	**Highest wind speed at 10 meters** (Km/h)	**Rainfall** (Millimetres)	**Mean Relative Humidity at 3pm** (Percent)
May	20.5	SE	72	502.0	73

6. TRAFFIC

Table 15 shows the monthly summary of traffic movements as per Schedule 3 Condition 26 of Development Consent. The weighbridge and ticketing system is routinely calibrated and managed by an accredited external business to ensure the sale and transport of sand from the quarry is consistent with approved haulage limits and operational times. Full daily vehicle logs are retained on-site and are available for inspection upon request by regulators.

6.1 TRUCK MOVEMENT CRITERIA

Truck movements are monitored daily at the site entry point. The data ensures compliance with the approved hourly vehicle limits under Development Consent and supports broader compliance with noise and air quality management objectives. The maximum approved haulage as per Condition 23 of Consent SSD 6125 is outlined in **Table 14** below.

Table 14 Approved Movement Criteria

Time Period	Limits (Trucks/Hour)
6:00am – 7:00am	6
7:00am – 6:00pm (Monday to Friday)	10
7:00am – 4:00pm (Saturday)	10
Sundays / Public Holidays	No truck movements permitted

6.2 TRUCK MONITORING RESULTS

Table 15 below outlines the Newcastle sand truck movement compliance for May.

Table 15 Newcastle Sand Truck Movement May 2025

DAY	HOUR	DAY OF WEEK	LIMIT	P/F
1	6	Thursday	6	PASS
1	7	Thursday	10	PASS
1	8	Thursday	10	PASS
1	9	Thursday	10	PASS
1	10	Thursday	10	PASS
1	11	Thursday	10	PASS
1	12	Thursday	10	PASS
1	13	Thursday	10	PASS
1	15	Thursday	10	PASS
2	6	Friday	6	PASS
2	7	Friday	10	PASS
2	8	Friday	10	PASS
2	9	Friday	10	PASS
2	10	Friday	10	PASS
2	11	Friday	10	PASS
2	12	Friday	10	PASS
2	14	Friday	10	PASS
2	15	Friday	10	PASS
2	16	Friday	10	PASS
3	7	Saturday	10	PASS
3	8	Saturday	10	PASS
3	10	Saturday	10	PASS
5	6	Monday	6	PASS
5	7	Monday	10	PASS
5	8	Monday	10	PASS
5	9	Monday	10	PASS
5	10	Monday	10	PASS
5	11	Monday	10	PASS
5	12	Monday	10	PASS
5	13	Monday	10	PASS
5	14	Monday	10	PASS
5	15	Monday	10	PASS
5	16	Monday	10	PASS

DAY	HOUR	DAY OF WEEK	LIMIT	P/F
6	6	Tuesday	6	PASS
6	7	Tuesday	10	PASS
6	8	Tuesday	10	PASS
6	9	Tuesday	10	PASS
6	10	Tuesday	10	PASS
6	11	Tuesday	10	PASS
6	12	Tuesday	10	PASS
6	13	Tuesday	10	PASS
6	14	Tuesday	10	PASS
6	15	Tuesday	10	PASS
6	17	Tuesday	10	PASS
7	6	Wednesday	6	PASS
7	7	Wednesday	10	PASS
7	8	Wednesday	10	PASS
7	9	Wednesday	10	PASS
7	10	Wednesday	10	PASS
7	11	Wednesday	10	PASS
7	13	Wednesday	10	PASS
7	14	Wednesday	10	PASS
7	15	Wednesday	10	PASS
7	16	Wednesday	10	PASS
7	17	Wednesday	10	PASS
8	6	Thursday	6	PASS
8	7	Thursday	10	PASS
8	8	Thursday	10	PASS
8	9	Thursday	10	PASS
8	10	Thursday	10	PASS
8	12	Thursday	10	PASS
8	13	Thursday	10	PASS
8	14	Thursday	10	PASS
8	15	Thursday	10	PASS
8	16	Thursday	10	PASS
9	6	Friday	6	PASS
9	7	Friday	10	PASS
9	8	Friday	10	PASS
9	9	Friday	10	PASS
9	10	Friday	10	PASS

DAY	HOUR	DAY OF WEEK	LIMIT	P/F
9	11	Friday	10	PASS
9	12	Friday	10	PASS
9	13	Friday	10	PASS
9	14	Friday	10	PASS
9	15	Friday	10	PASS
9	17	Friday	10	PASS
10	7	Saturday	10	PASS
10	8	Saturday	10	PASS
10	10	Saturday	10	PASS
12	6	Monday	6	PASS
12	7	Monday	10	PASS
12	8	Monday	10	PASS
12	9	Monday	10	PASS
12	11	Monday	10	PASS
12	12	Monday	10	PASS
12	13	Monday	10	PASS
12	14	Monday	10	PASS
12	15	Monday	10	PASS
12	16	Monday	10	PASS
13	6	Tuesday	6	PASS
13	7	Tuesday	10	PASS
13	8	Tuesday	10	PASS
13	9	Tuesday	10	PASS
13	10	Tuesday	10	PASS
13	11	Tuesday	10	PASS
13	12	Tuesday	10	PASS
13	13	Tuesday	10	PASS
13	14	Tuesday	10	PASS
13	15	Tuesday	10	PASS
13	16	Tuesday	10	PASS
14	6	Wednesday	6	PASS
14	7	Wednesday	10	PASS
14	8	Wednesday	10	PASS
14	9	Wednesday	10	PASS
14	10	Wednesday	10	PASS
14	11	Wednesday	10	PASS
14	12	Wednesday	10	PASS

DAY	HOUR	DAY OF WEEK	LIMIT	P/F
14	13	Wednesday	10	PASS
14	14	Wednesday	10	PASS
14	15	Wednesday	10	PASS
14	16	Wednesday	10	PASS
15	6	Thursday	6	PASS
15	7	Thursday	10	PASS
15	8	Thursday	10	PASS
15	9	Thursday	10	PASS
15	10	Thursday	10	PASS
15	11	Thursday	10	PASS
15	12	Thursday	10	PASS
15	13	Thursday	10	PASS
15	14	Thursday	10	PASS
15	16	Thursday	10	PASS
15	17	Thursday	10	PASS
16	6	Friday	6	PASS
16	7	Friday	10	PASS
16	8	Friday	10	PASS
16	9	Friday	10	PASS
16	10	Friday	10	PASS
16	11	Friday	10	PASS
16	12	Friday	10	PASS
16	14	Friday	10	PASS
16	15	Friday	10	PASS
16	16	Friday	10	PASS
17	7	Saturday	10	PASS
17	10	Saturday	10	PASS
19	7	Monday	10	PASS
19	8	Monday	10	PASS
19	10	Monday	10	PASS
19	11	Monday	10	PASS
19	12	Monday	10	PASS
19	13	Monday	10	PASS
19	14	Monday	10	PASS
19	15	Monday	10	PASS
19	16	Monday	10	PASS
19	17	Monday	10	PASS

DAY	HOUR	DAY OF WEEK	LIMIT	P/F
20	6	Tuesday	6	PASS
20	7	Tuesday	10	PASS
20	8	Tuesday	10	PASS
20	9	Tuesday	10	PASS
20	10	Tuesday	10	PASS
20	11	Tuesday	10	PASS
20	12	Tuesday	10	PASS
20	13	Tuesday	10	PASS
20	14	Tuesday	10	PASS
21	6	Wednesday	6	PASS
21	7	Wednesday	10	PASS
21	8	Wednesday	10	PASS
21	9	Wednesday	10	PASS
21	10	Wednesday	10	PASS
21	12	Wednesday	10	PASS
21	13	Wednesday	10	PASS
21	14	Wednesday	10	PASS
21	15	Wednesday	10	PASS
22	7	Thursday	10	PASS
22	9	Thursday	10	PASS
22	10	Thursday	10	PASS
22	11	Thursday	10	PASS
22	13	Thursday	10	PASS
22	14	Thursday	10	PASS
23	8	Friday	10	PASS
23	9	Friday	10	PASS
23	10	Friday	10	PASS
23	11	Friday	10	PASS
23	15	Friday	10	PASS
24	7	Saturday	10	PASS
24	10	Saturday	10	PASS
26	6	Monday	6	PASS
26	7	Monday	10	PASS
26	8	Monday	10	PASS
26	9	Monday	10	PASS
26	10	Monday	10	PASS
26	11	Monday	10	PASS

DAY	HOUR	DAY OF WEEK	LIMIT	P/F
26	12	Monday	10	PASS
26	13	Monday	10	PASS
26	14	Monday	10	PASS
26	15	Monday	10	PASS
26	16	Monday	10	PASS
26	17	Monday	10	PASS
27	6	Tuesday	6	PASS
27	7	Tuesday	10	PASS
27	8	Tuesday	10	PASS
27	9	Tuesday	10	PASS
27	10	Tuesday	10	PASS
27	11	Tuesday	10	PASS
27	12	Tuesday	10	PASS
27	13	Tuesday	10	PASS
27	14	Tuesday	10	PASS
27	15	Tuesday	10	PASS
28	6	Wednesday	6	PASS
28	7	Wednesday	10	PASS
28	10	Wednesday	10	PASS
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28	12	Wednesday	10	PASS
28	13	Wednesday	10	PASS
28	14	Wednesday	10	PASS
28	15	Wednesday	10	PASS
28	16	Wednesday	10	PASS
29	6	Thursday	6	PASS
29	7	Thursday	10	PASS
29	8	Thursday	10	PASS
29	9	Thursday	10	PASS
29	10	Thursday	10	PASS
29	11	Thursday	10	PASS
29	12	Thursday	10	PASS
29	13	Thursday	10	PASS
29	14	Thursday	10	PASS
29	15	Thursday	10	PASS
29	17	Thursday	10	PASS
30	6	Friday	6	PASS

DAY	HOUR	DAY OF WEEK	LIMIT	P/F
30	7	Friday	10	PASS
30	8	Friday	10	PASS
30	9	Friday	10	PASS
30	10	Friday	10	PASS
30	12	Friday	10	PASS
30	13	Friday	10	PASS
30	14	Friday	10	PASS
30	15	Friday	10	PASS
30	16	Friday	10	PASS
31	8	Saturday	10	PASS
31	10	Saturday	10	PASS

7. COMMUNITY & COMPLIANCE

7.1 COMPLAINTS

There were no complaints in the reporting period.

The last community complaint was on the 28 February 2024 regarding truck movements. The matter has since been resolved and closed out, details of this can be found on the Newcastle Sand website: https://www.newcastlesand.com.au/complaints-register/

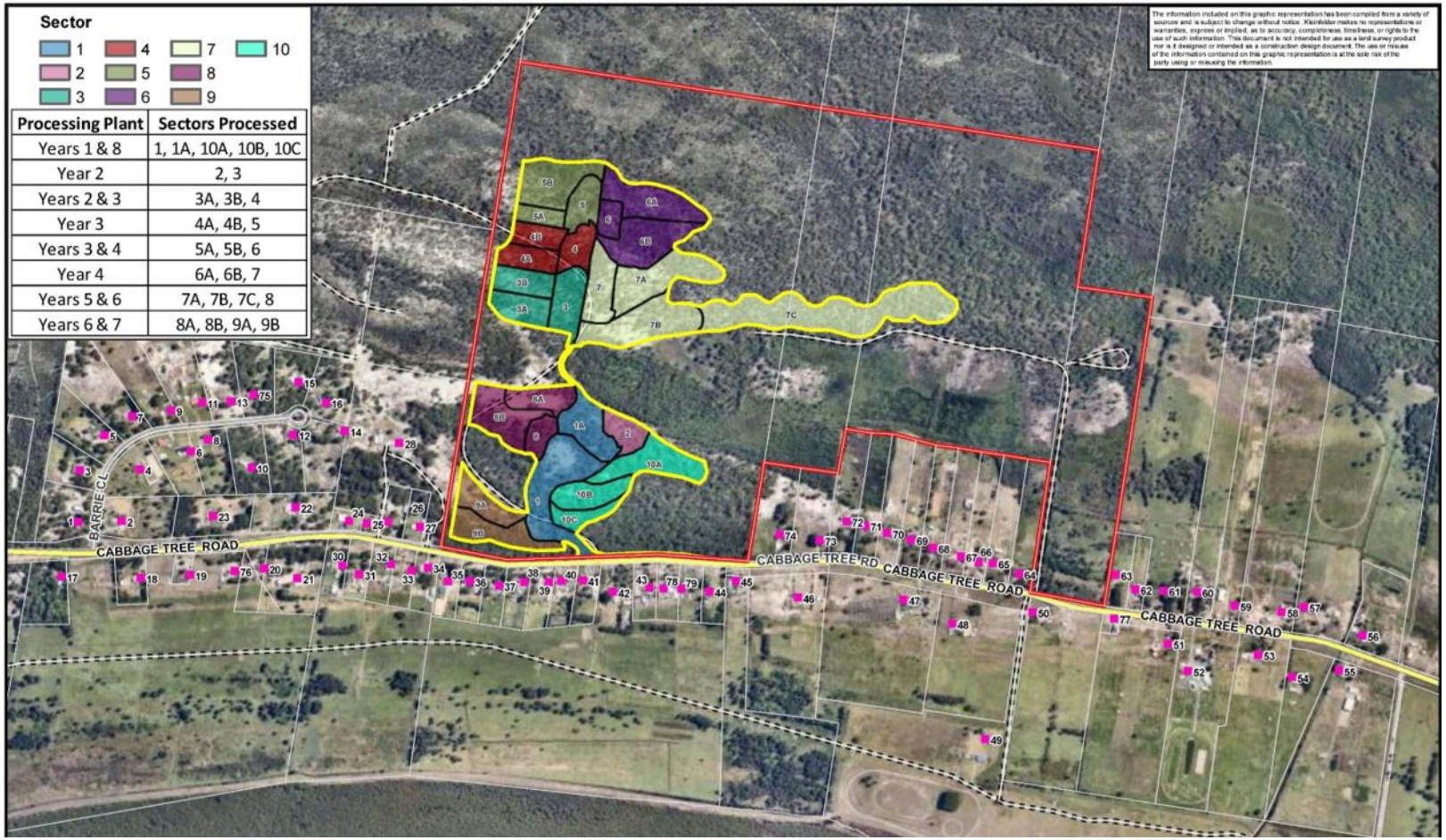
7.2 INCIDENTS

There were no incidents in the reporting period.

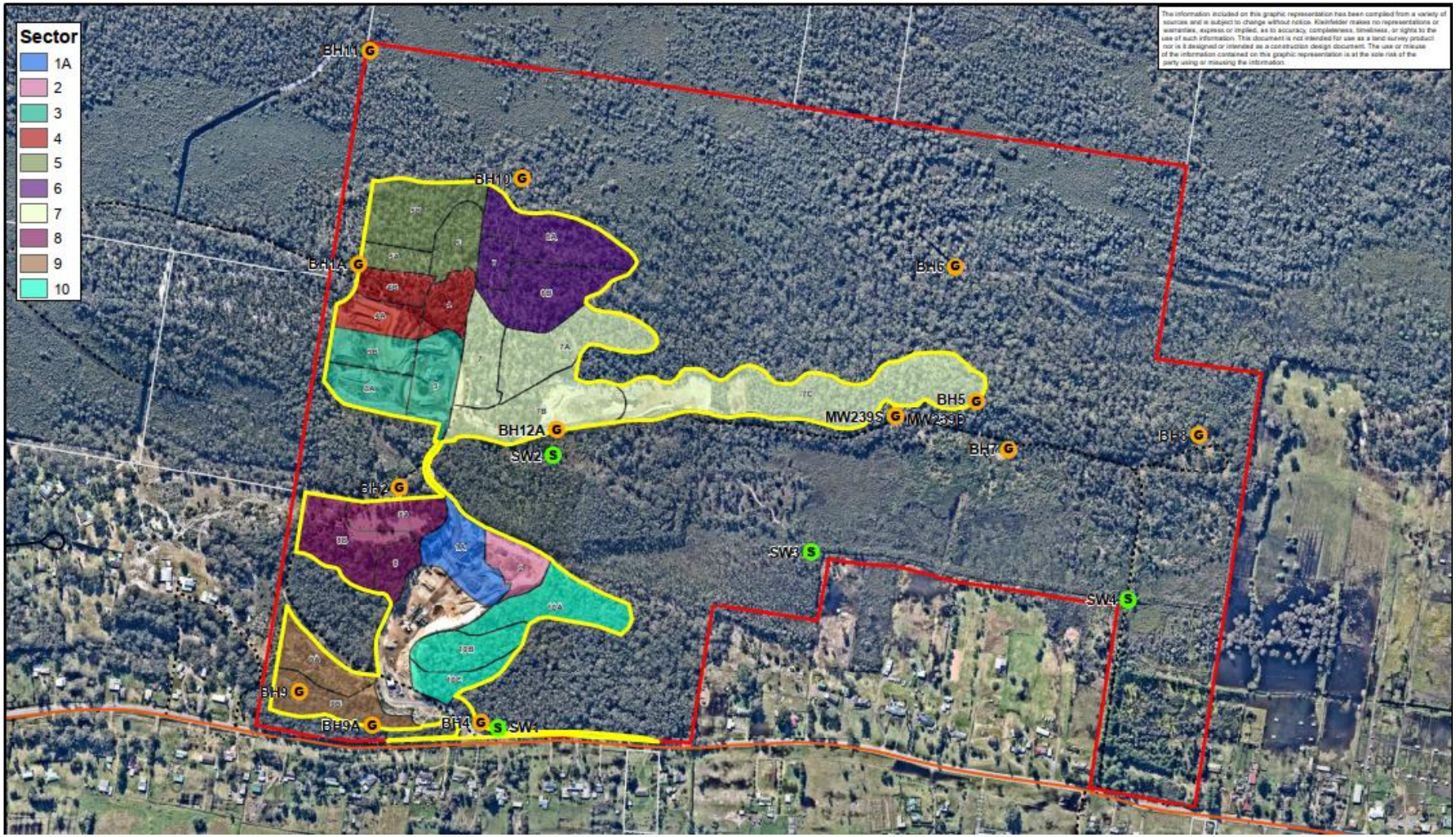
7.3 NON-COMPLIANCES

The Level 3 TARP was activated as groundwater levels at BH1A and BH11 exceeded the inferred maximum groundwater elevation values following 502mm of rainfall in May 2025. The Dept. of Planning Housing and Infrastructure, EPA and Hunter Water Corporation were notified of the groundwater levels against the rainfall data.

APPENDIX 1. Noise Monitoring Locations (NMP, 2019)



APPENDIX 2. WATER MONITORING LOCATIONS (SWMP, 2021)



APPENDIX 3. AIR MONITORING LOCATIONS (AQMP, 2019)