



SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12957

EPA Website Link: <http://epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=40292&SYSUID=1&LICID=12957>

Licensee: Namoi Mining Pty Ltd

Licensee Address: Sunnyside Coal Project, 259 Coocooboona Lane, GUNNEDAH NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: January 2023

Obtained Date: 21st February 2023

Publication Date: 22nd February 2023

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
1	Particulates-Deposited Matter (SD1)	g/m ² /month	Continuous	1	16/01/2023	2/02/2023	-	-	-	1.4
2	Particulates-Deposited Matter (SD3)	g/m ² /month	Continuous	1	16/01/2023	2/02/2023	-	-	-	0.54
4	Particulates-Deposited Matter (SD5)	g/m ² /month	Continuous	1	16/01/2023	2/02/2023	-	-	-	2.14
5	Particulates-Deposited Matter (SD6)	g/m ² /month	Continuous	1	16/01/2023	2/02/2023	-	-	-	0.5
6	Particulates-Deposited Matter (SD7)	g/m ² /month	Continuous	1	16/01/2023	2/02/2023	-	-	-	1.21
7	PM ₁₀	µg/m ³	Every 6 days	5	5/01/2023 11/01/2023 17/01/2023 23/01/2023 29/01/2023	(Last result received) 21/02/2023	6.5	8	8.5	9

SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
11	TSS	mg/L	Special Frequency 2** (CCUS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
12	TSS	mg/L	Special Frequency 2**(CCDS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-

¹ The Total Suspended Solids concentration limits specified for Points 9 and 10 may be exceeded for water discharged provided that:

- (a) the discharge occurs solely as a result of rainfall measured at the premises that exceeds 38.4 millimetres over any consecutive 5-day period immediately prior to the discharge occurring; and

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Max Value	100%ile Limit	Exceedance (Yes/No)	Comments
9	TSS	mg/L	Special Frequency 1*(SD3)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge
10	TSS	mg/L	Special Frequency 1*(SD4)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge



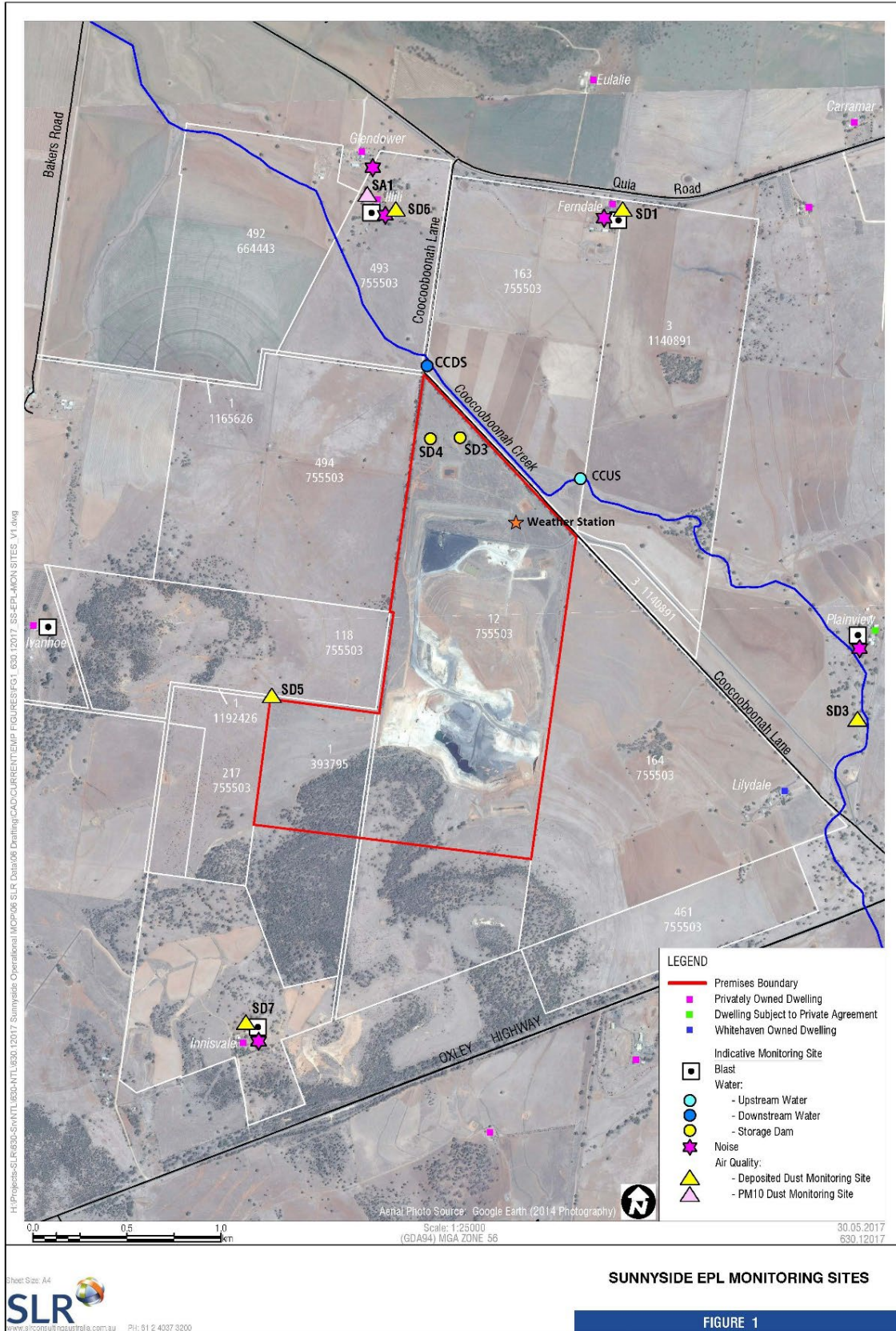
SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

(b) all practical measures have been implemented to dewater all sediment dams within 5 days of rainfall such that they have sufficient capacity to store run off from a 38.4 millimetre, 5 day rainfall event.

* Special Frequency 1 means the collection of samples as soon as practicable after each discharge commences and, in any case, not more than 12 hours after each discharge commences.

** Special Frequency 2 means collection of samples quarterly (in the event of flow during the quarter) at a time when there is flow and as soon as practicable after each wet weather discharge from points 9 and 10 commences and in any case not more than 12 hours after each discharge commences.

Figure 1 – EPL 12957 Monitoring Locations





SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12957

EPA Website Link: <http://epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=40292&SYSUID=1&LICID=12957>

Licensee: Namoi Mining Pty Ltd

Licensee Address: Sunnyside Coal Project, 259 Coocooboona Lane, GUNNEDAH NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: February 2023

Obtained Date: 16th March 2023

Publication Date: 17th March 2023

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
1	Particulates-Deposited Matter (SD1)	g/m ² /month	Continuous	1	15/02/2023	17/03/2023	-	-	-	0.1
2	Particulates-Deposited Matter (SD3)	g/m ² /month	Continuous	1	15/02/2023	17/03/2023	-	-	-	3.8
4	Particulates-Deposited Matter (SD5)	g/m ² /month	Continuous	1	15/02/2023	17/03/2023	-	-	-	1
5	Particulates-Deposited Matter (SD6)	g/m ² /month	Continuous	1	15/02/2023	17/03/2023	-	-	-	0.8
6	Particulates-Deposited Matter (SD7)	g/m ² /month	Continuous	1	15/02/2023	17/03/2023	-	-	-	0.7
7	PM ₁₀	µg/m ³	Every 6 days	4	04/02/2023 10/02/2023 16/02/2023 22/02/2023	(Last result received) 16/03/2023	5.4	8.9	9.4	11.3
11	TSS	mg/L					-	-	-	-

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EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	Conductivity	µS/cm	Special Frequency 2** (CCUS)	0	-	-	-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
12	TSS	mg/L	Special Frequency 2**(CCDS)	0	-	-	-	-	-	-
	Conductivity	µS /cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-

¹The Total Suspended Solids concentration limits specified for Points 9 and 10 may be exceeded for water discharged provided that:

- (a) the discharge occurs solely as a result of rainfall measured at the premises that exceeds 38.4 millimetres over any consecutive 5-day period immediately prior to the discharge occurring; and

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Max Value	100%ile Limit	Exceedance (Yes/No)	Comments
9	TSS	mg/L	Special Frequency 1*(SD3)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS /cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge
10	TSS	mg/L	Special Frequency 1*(SD4)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS /cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge



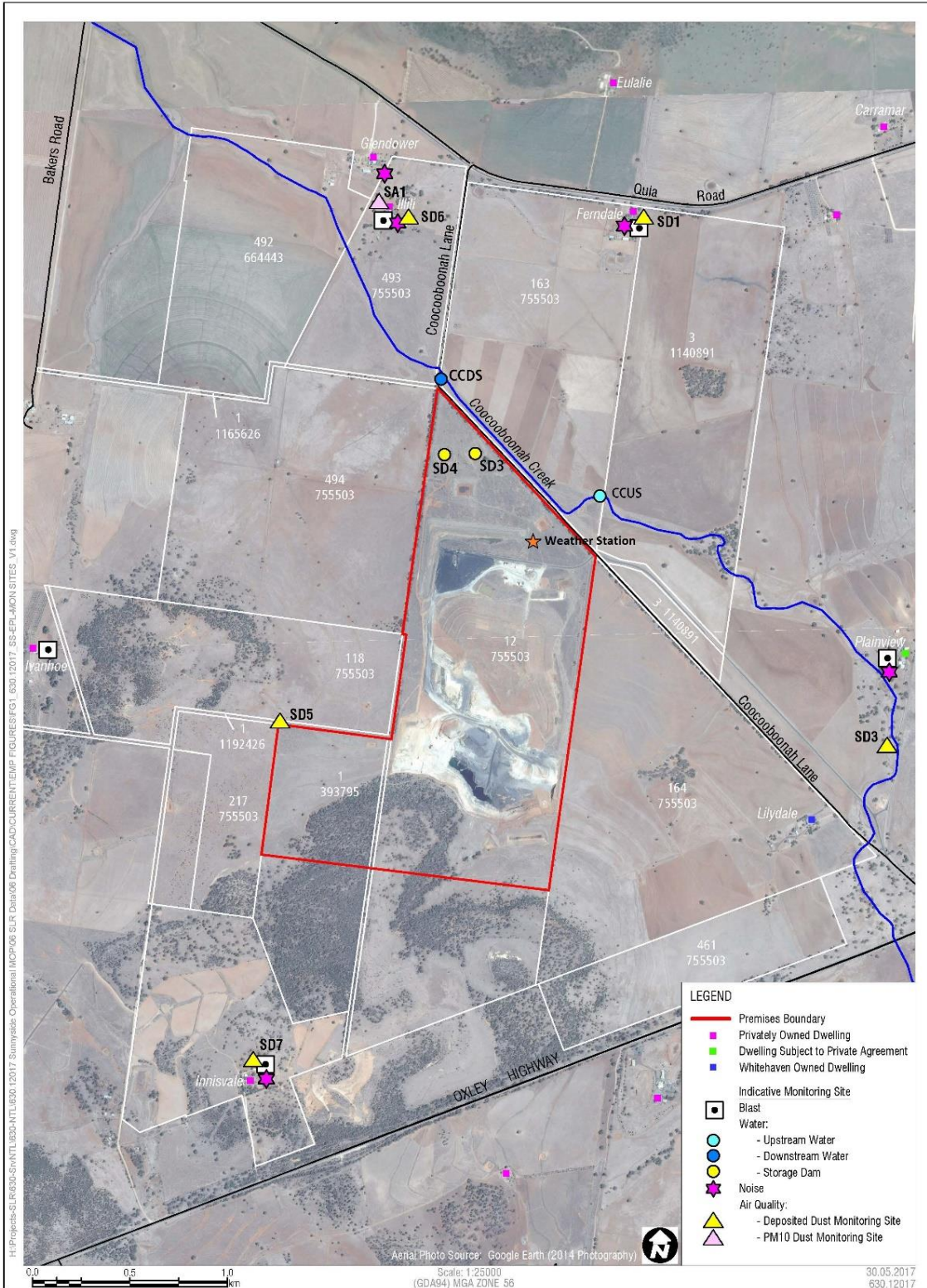
SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

(b) all practical measures have been implemented to dewater all sediment dams within 5 days of rainfall such that they have sufficient capacity to store run off from a 38.4 millimetre, 5 day rainfall event.

* Special Frequency 1 means the collection of samples as soon as practicable after each discharge commences and, in any case, not more than 12 hours after each discharge commences.

** Special Frequency 2 means collection of samples quarterly (in the event of flow during the quarter) at a time when there is flow and as soon as practicable after each wet weather discharge from points 9 and 10 commences and in any case not more than 12 hours after each discharge commences.

Figure 1 – EPL 12957 Monitoring Locations





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Site Information

EPL No: 12957

EPA Website Link: <http://epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=40292&SYSUID=1&LICID=12957>

Licensee: Namoi Mining Pty Ltd

Licensee Address: Sunnyside Coal Project, 259 Coocooboona Lane, GUNNEDAH NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: March 2023

Obtained Date: 16th April 2023

Publication Date: 20th April 2023

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
1	Particulates-Deposited Matter (SD1)	g/m ² /month	Continuous	1	17/03/2023	4/04/2023	-	-	-	2.67
2	Particulates-Deposited Matter (SD3)	g/m ² /month	Continuous	1	17/03/2023	4/04/2023	-	-	-	0.59
4	Particulates-Deposited Matter (SD5)	g/m ² /month	Continuous	1	17/03/2023	4/04/2023	-	-	-	0.29
5	Particulates-Deposited Matter (SD6)	g/m ² /month	Continuous	1	17/03/2023	4/04/2023	-	-	-	0.89
6	Particulates-Deposited Matter (SD7)	g/m ² /month	Continuous	1	17/03/2023	4/04/2023	-	-	-	0.29
7	PM ₁₀	µg/m ³	Every 6 days	5	06/03/2023 12/03/2023 18/03/2023 24/03/2023 30/03/2023	(Last result received) 16/04/2023	2.9	8.36	4.1	22

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EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
11	TSS	mg/L	Special Frequency 2** (CCUS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
12	TSS	mg/L	Special Frequency 2**(CCDS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-

¹ The Total Suspended Solids concentration limits specified for Points 9 and 10 may be exceeded for water discharged provided that:

- (a) the discharge occurs solely as a result of rainfall measured at the premises that exceeds 38.4 millimetres over any consecutive 5-day period immediately prior to the discharge occurring; and

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9	TSS	mg/L	Special Frequency 1*(SD3)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge
10	TSS	mg/L	Special Frequency 1*(SD4)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge



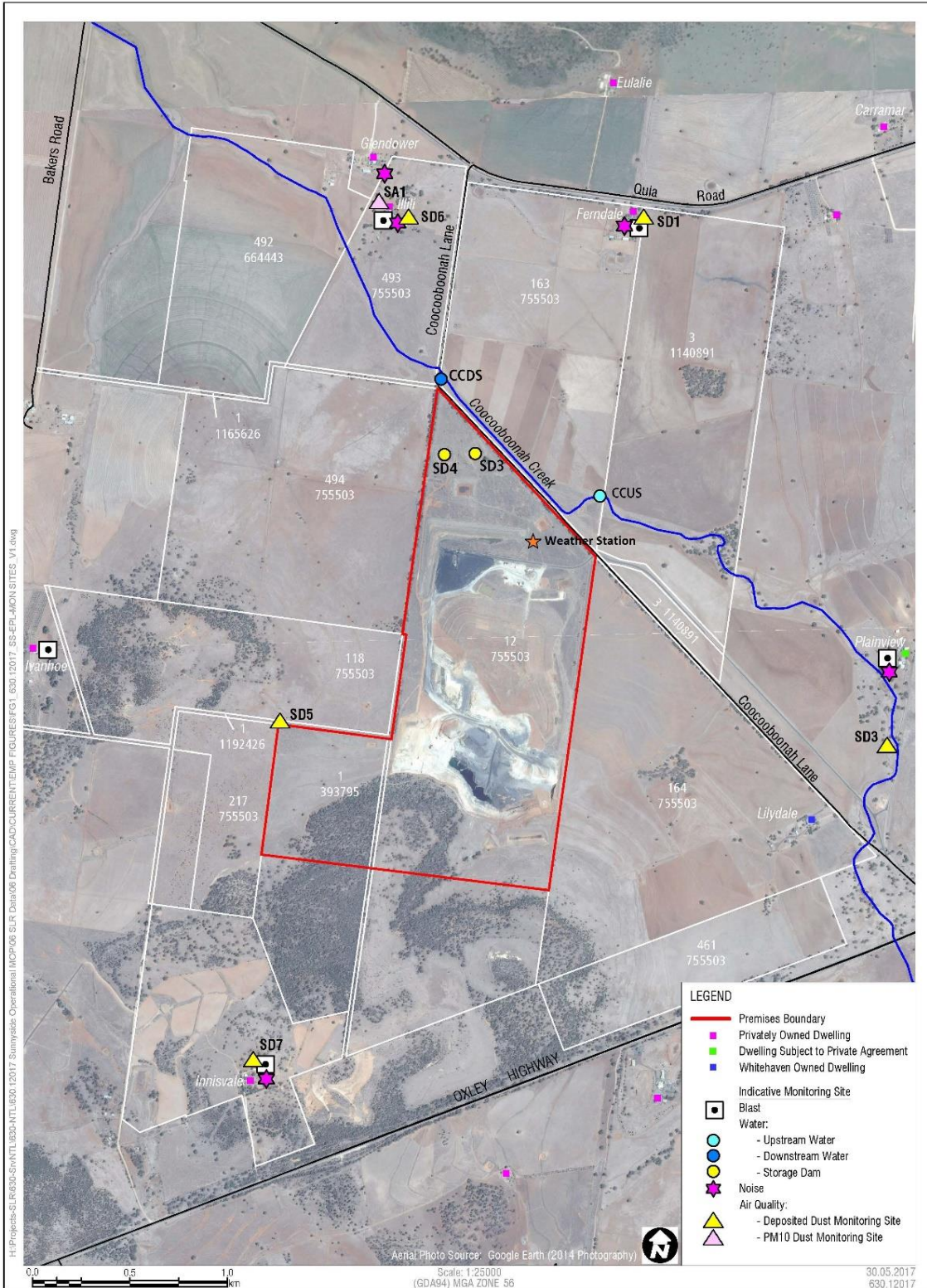
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(b) all practical measures have been implemented to dewater all sediment dams within 5 days of rainfall such that they have sufficient capacity to store run off from a 38.4 millimetre, 5 day rainfall event.

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Figure 1 – EPL 12957 Monitoring Locations





SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12957

EPA Website Link: <http://epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=40292&SYSUID=1&LICID=12957>

Licensee: Namoi Mining Pty Ltd

Licensee Address: Sunnyside Coal Project, 259 Coocooboona Lane, GUNNEDAH NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: April 2023

Obtained Date: 12th May 2023

Publication Date: 23rd May 2023

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
1	Particulates-Deposited Matter (SD1)	g/m ² /month	Continuous	1	17/04/2023	01/05/2023	-	-	-	5.6
2	Particulates-Deposited Matter (SD3)	g/m ² /month	Continuous	1	17/04/2023	01/05/2023	-	-	-	1.4
4	Particulates-Deposited Matter (SD5)	g/m ² /month	Continuous	1	17/04/2023	01/05/2023	-	-	-	1.5
5	Particulates-Deposited Matter (SD6)	g/m ² /month	Continuous	1	17/04/2023	01/05/2023	-	-	-	2.2
6	Particulates-Deposited Matter (SD7)	g/m ² /month	Continuous	1	17/04/2023	01/05/2023	-	-	-	0.9
7	PM ₁₀	µg/m ³	Every 6 days	5	05/04/2023 11/04/2023 17/04/2023 23/04/2023 29/04/2023	(Last result received) 12/05/2023	1.2	3.7	4.2	5

SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
11	TSS	mg/L	Special Frequency 2** (CCUS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
12	TSS	mg/L	Special Frequency 2**(CCDS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-

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9	TSS	mg/L	Special Frequency 1*(SD3)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge
10	TSS	mg/L	Special Frequency 1*(SD4)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge



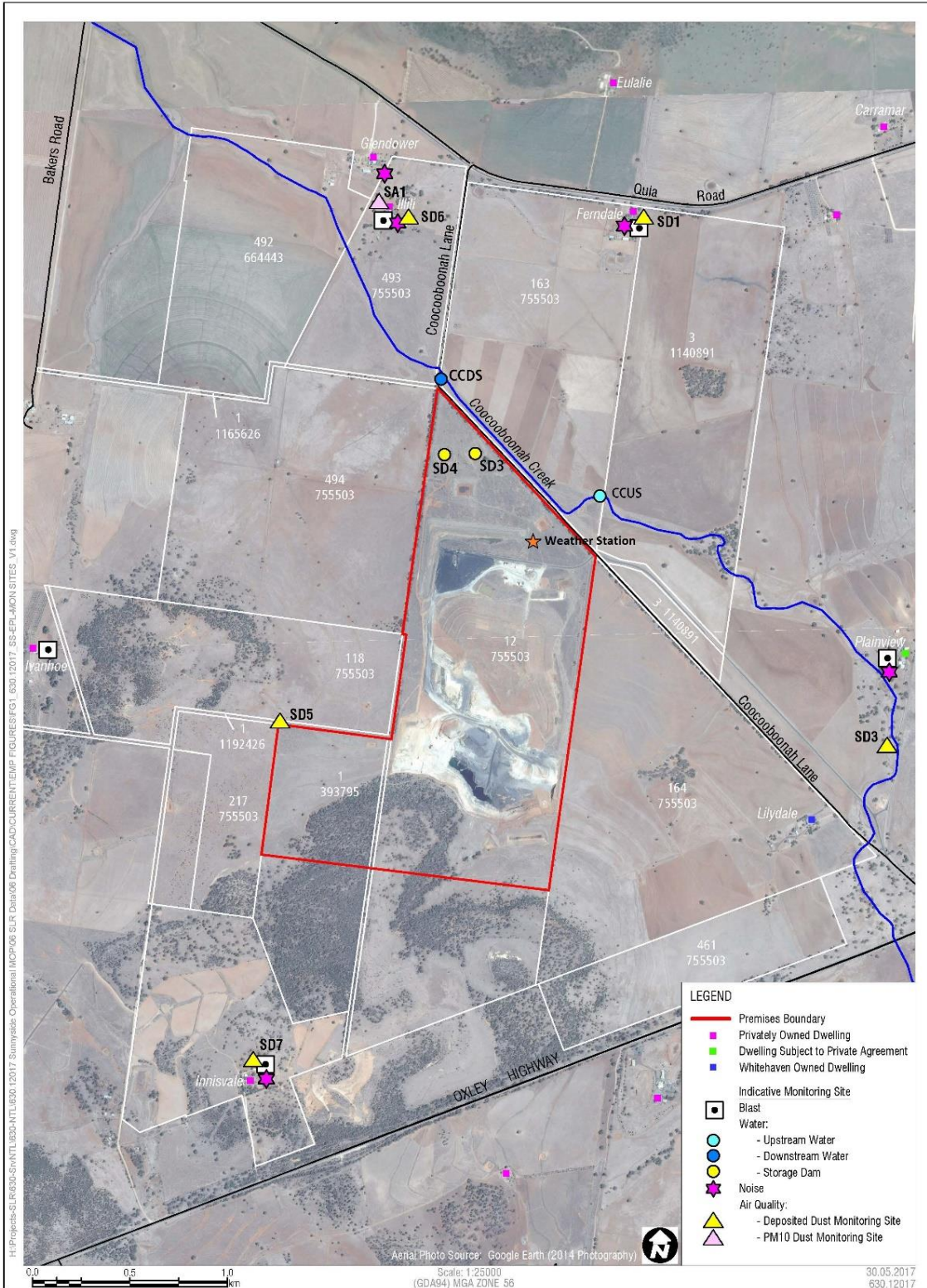
SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

(b) all practical measures have been implemented to dewater all sediment dams within 5 days of rainfall such that they have sufficient capacity to store run off from a 38.4 millimetre, 5 day rainfall event.

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Figure 1 – EPL 12957 Monitoring Locations





SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12957

EPA Website Link: <http://epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=40292&SYSUID=1&LICID=12957>

Licensee: Namoi Mining Pty Ltd

Licensee Address: Sunnyside Coal Project, 259 Coocooboona Lane, GUNNEDAH NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: May 2023

Obtained Date: 13th June 2023

Publication Date: 19th June 2023

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
1	Particulates-Deposited Matter (SD1)	g/m ² /month	Continuous	1	17/05/2023	26/05/2023	-	-	-	2.35
2	Particulates-Deposited Matter (SD3)	g/m ² /month	Continuous	1	17/05/2023	26/05/2023	-	-	-	1.61
4	Particulates-Deposited Matter (SD5)	g/m ² /month	Continuous	1	17/05/2023	26/05/2023	-	-	-	0.54
5	Particulates-Deposited Matter (SD6)	g/m ² /month	Continuous	1	17/05/2023	26/05/2023	-	-	-	1.27
6	Particulates-Deposited Matter (SD7)	g/m ² /month	Continuous	1	17/05/2023	26/05/2023	-	-	-	2.81
7	PM ₁₀	µg/m ³	Every 6 days	5	05/05/2023 11/05/2023 17/05/2023 23/05/2023 29/05/2023	(Last result received) 13/06/2023	4.5	6.2	6.5	8.1

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11	TSS	mg/L	Special Frequency 2** (CCUS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
12	TSS	mg/L	Special Frequency 2**(CCDS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-

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9	TSS	mg/L	Special Frequency 1*(SD3)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge
10	TSS	mg/L	Special Frequency 1*(SD4)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge



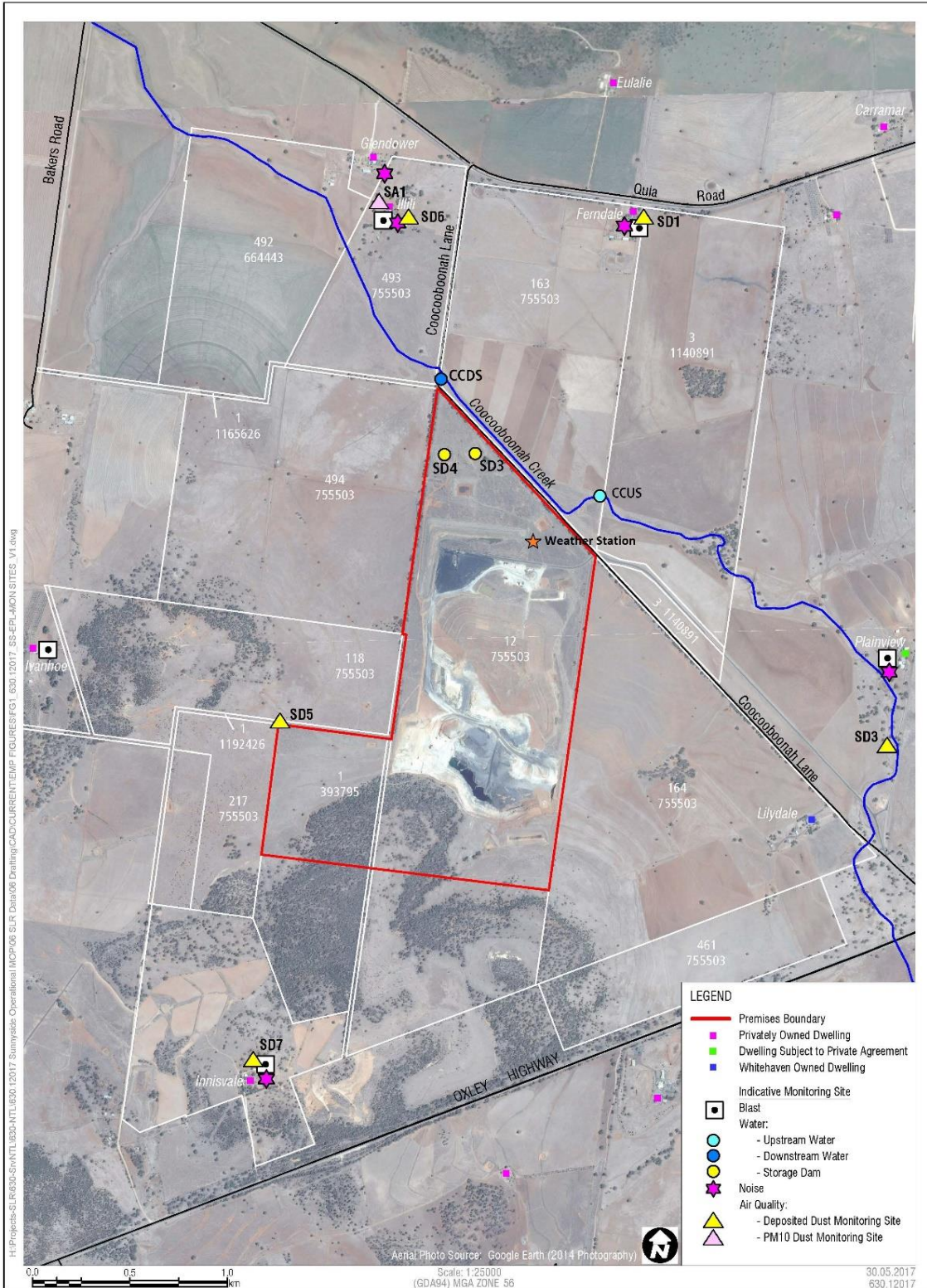
SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

(b) all practical measures have been implemented to dewater all sediment dams within 5 days of rainfall such that they have sufficient capacity to store run off from a 38.4 millimetre, 5 day rainfall event.

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Figure 1 – EPL 12957 Monitoring Locations





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Licensee: Namoi Mining Pty Ltd

Licensee Address: Sunnyside Coal Project, 259 Coocooboona Lane, GUNNEDAH NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: June 2023

Obtained Date: 13th July 2023

Publication Date: 17th July 2023

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
1	Particulates-Deposited Matter (SD1)	g/m ² /month	Continuous	1	16/06/2023	06/07/2023	-	-	-	4.50
2	Particulates-Deposited Matter (SD3)	g/m ² /month	Continuous	1	16/06/2023	06/07/2023	-	-	-	0.12
4	Particulates-Deposited Matter (SD5)	g/m ² /month	Continuous	1	16/06/2023	06/07/2023	-	-	-	0.16
5	Particulates-Deposited Matter (SD6)	g/m ² /month	Continuous	1	16/06/2023	06/07/2023	-	-	-	0.30
6	Particulates-Deposited Matter (SD7)	g/m ² /month	Continuous	1	16/06/2023	06/07/2023	-	-	-	0.54
7	PM ₁₀	µg/m ³	Every 6 days	5	04/06/2023 10/06/2023 16/06/2023 22/06/2023 28/06/2023	(Last result received) 13/07/2023	0.4	2	0.8	4.9

SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
11	TSS	mg/L	Special Frequency 2** (CCUS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
12	TSS	mg/L	Special Frequency 2**(CCDS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-

¹ The Total Suspended Solids concentration limits specified for Points 9 and 10 may be exceeded for water discharged provided that:

- (a) the discharge occurs solely as a result of rainfall measured at the premises that exceeds 38.4 millimetres over any consecutive 5-day period immediately prior to the discharge occurring; and

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Max Value	100%ile Limit	Exceedance (Yes/No)	Comments
9	TSS	mg/L	Special Frequency 1*(SD3)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge
10	TSS	mg/L	Special Frequency 1*(SD4)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge



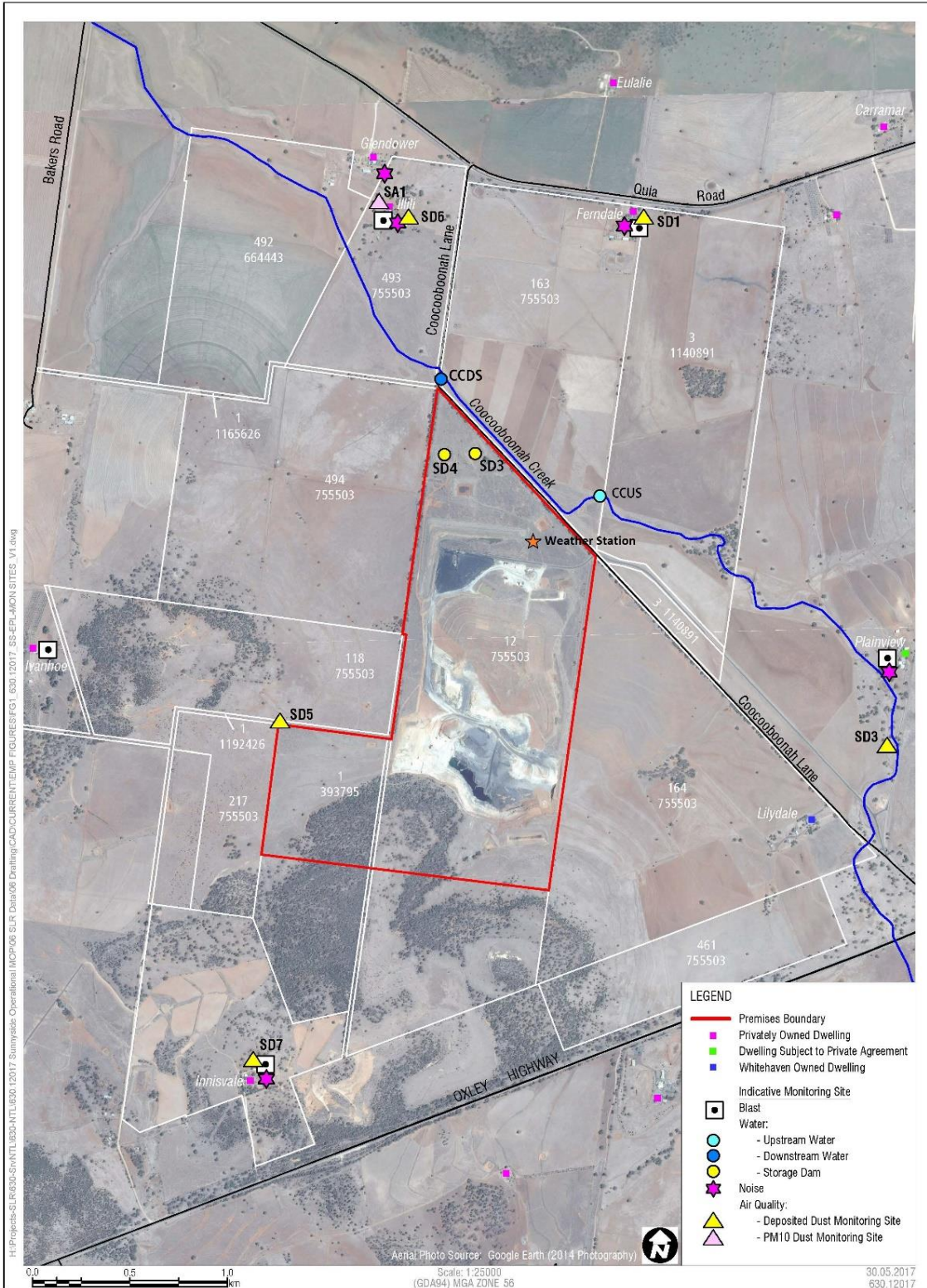
SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

(b) all practical measures have been implemented to dewater all sediment dams within 5 days of rainfall such that they have sufficient capacity to store run off from a 38.4 millimetre, 5 day rainfall event.

* Special Frequency 1 means the collection of samples as soon as practicable after each discharge commences and, in any case, not more than 12 hours after each discharge commences.

** Special Frequency 2 means collection of samples quarterly (in the event of flow during the quarter) at a time when there is flow and as soon as practicable after each wet weather discharge from points 9 and 10 commences and in any case not more than 12 hours after each discharge commences.

Figure 1 – EPL 12957 Monitoring Locations





SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12957

EPA Website Link: <http://epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=40292&SYSUID=1&LICID=12957>

Licensee: Namoi Mining Pty Ltd

Licensee Address: Sunnyside Coal Project, 259 Coocooboona Lane, GUNNEDAH NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: July 2023

Obtained Date: 15th August 2023

Publication Date: 15th August 2023

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
1	Particulates-Deposited Matter (SD1)	g/m ² /month	Continuous	1	17/07/2023	02/08/2023	-	-	-	27.27
2	Particulates-Deposited Matter (SD3)	g/m ² /month	Continuous	1	17/07/2023	02/08/2023	-	-	-	0.72
4	Particulates-Deposited Matter (SD5)	g/m ² /month	Continuous	1	17/07/2023	02/08/2023	-	-	-	0.65
5	Particulates-Deposited Matter (SD6)	g/m ² /month	Continuous	1	17/07/2023	02/08/2023	-	-	-	1.64
6	Particulates-Deposited Matter (SD7)	g/m ² /month	Continuous	1	17/07/2023	02/08/2023	-	-	-	0.59
7	PM ₁₀	µg/m ³	Every 6 days	5	04/07/2023 10/07/2023 16/07/2023 22/07/2023 28/07/2023	(Last result received) 15/08/2023	0.4	3	1	7

SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
11	TSS	mg/L	Special Frequency 2** (CCUS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
12	TSS	mg/L	Special Frequency 2**(CCDS)	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-

¹ The Total Suspended Solids concentration limits specified for Points 9 and 10 may be exceeded for water discharged provided that:

- (a) the discharge occurs solely as a result of rainfall measured at the premises that exceeds 38.4 millimetres over any consecutive 5-day period immediately prior to the discharge occurring; and

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Max Value	100%ile Limit	Exceedance (Yes/No)	Comments
9	TSS	mg/L	Special Frequency 1*(SD3)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge
10	TSS	mg/L	Special Frequency 1*(SD4)	0	0	-	-	-	50	-	No discharge
	Conductivity	µS/cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge



SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

(b) all practical measures have been implemented to dewater all sediment dams within 5 days of rainfall such that they have sufficient capacity to store run off from a 38.4 millimetre, 5 day rainfall event.

* Special Frequency 1 means the collection of samples as soon as practicable after each discharge commences and, in any case, not more than 12 hours after each discharge commences.

** Special Frequency 2 means collection of samples quarterly (in the event of flow during the quarter) at a time when there is flow and as soon as practicable after each wet weather discharge from points 9 and 10 commences and in any case not more than 12 hours after each discharge commences.

Approval of the surrender of license No. 12957 received 13/06/2023.

Figure 1 – EPL 12957 Monitoring Locations

