

### **Site Information**

**EPL No:** 12789

**EPA Website Link:** http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: January 2018 Obtained Date: 31 January 2018 Publication Date: 2 February 2018

EPL ID	Pollutant	Units of	Monitoring	No. of Samples	Date	Date	Min	Mean	Median	Max or
		Measure	Frequency	for the Month	Sampled	Obtained	Value	Value	Value	Only Value
ND3	Deposited Matter	g/m²/month	Once a month (min. 4 weeks)	1	15-Jan-18	31-Jan-18	N/A	N/A	N/A	0.6
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
13	Conductivity	μs/cm	Upon	0						
15	TOC	mg/L	discharge	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
14	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
16	Conductivity	μs/cm	Quarterly –	0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН	-	0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
19	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

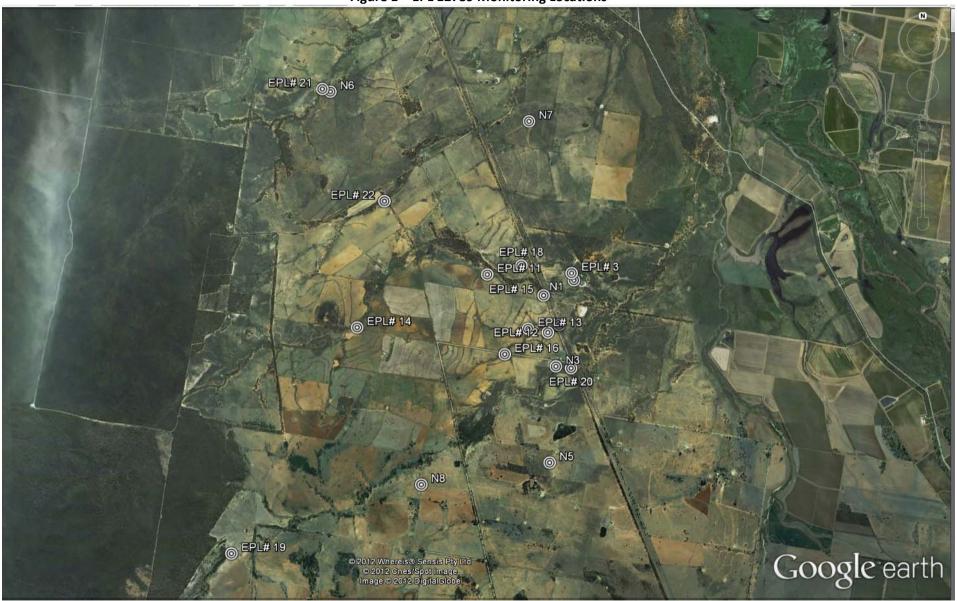
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge				SD7 no	t yet cons	tructed			
	рН	рН	uiscilaige									



EPL	Date	Measured	Measured	Measured	Measured	Limit(s)	Measurement	Weather	Compliant	Comments	Date
ID		Levels – dB(A)	Levels – dB(A)	Levels – dB(A)	Levels – dB(A)		Periods	Compliant Conditions	(Yes/No)		Obtained
			Leq 15min Evening					Conditions			
		Leq 15min Day		Leq 15min Night	L <sub>A1</sub> (1 min) Night						
	Not					Day Evanina	Day – 1.5 hrs				
	required					Day, Evening					
						<u>&amp; Night:</u>	Evening – 0.5				
N5						35	hrs				
						<u>Night</u>					
						<u>L<sub>A1 (1 min)</sub>:</u>	Night – 1 hr				
						45					
	Not					Day, Evening	Day – 1.5 hrs				
	required					& Night:	,				
						35	Evening – 0.5				
N6						<u>Night</u>	hrs				
						<u>L<sub>A1 (1 min)</sub>:</u>					
						45	Night – 1 hr				
N8		Monito	oring at N8 to com	mence when su	rface activities a	approach the east	ern end of the sou	thern longwal	panels.	1	



Figure 1 – EPL 12789 Monitoring Locations





### **Site Information**

**EPL No:** 12789

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Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: February 2018 Obtained Date: 5 March 2018 Publication Date: 5 March 2018

Table 1 - No Pollutant Limits Apply

			T	1	Pollutant Lim			1	1	T
EPL ID	Pollutant	Units of	Monitoring	No. of Samples	Date	Date	Min	Mean	Median	Max or
		Measure	Frequency	for the Month	Sampled	Obtained	Value	Value	Value	Only Value
ND3	Deposited Matter	g/m²/month	Once a month (min. 4 weeks)	1	15-Feb-18	5-Mar-18	N/A	N/A	N/A	2.8
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
13	Conductivity	μs/cm	Upon	0						
15	TOC	mg/L	discharge	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
14	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L	]	0						
16	Conductivity	μs/cm	Quarterly –	0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН	-	0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
19	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

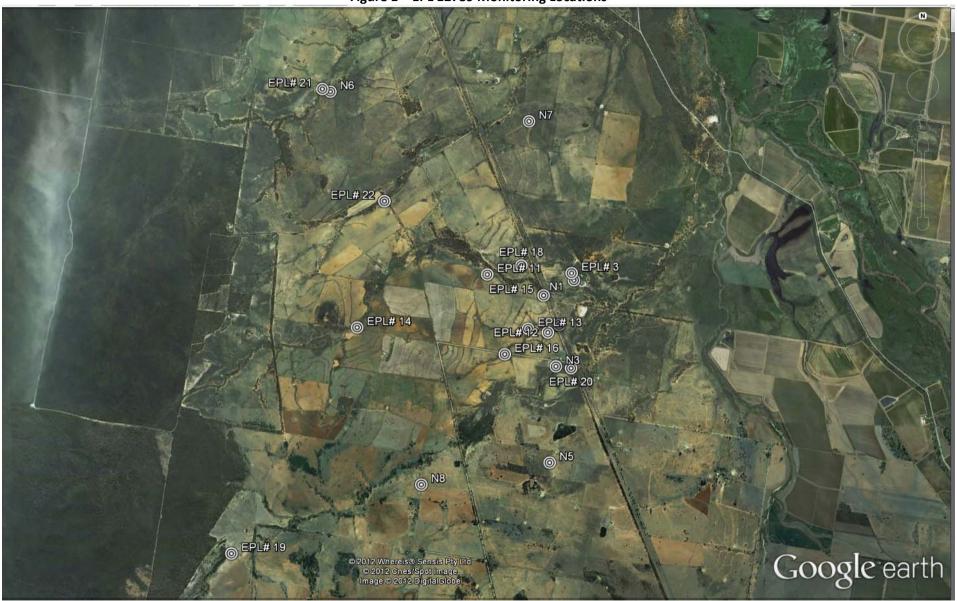
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge				SD7 no	t yet cons	tructed			
	рН	рН	uiscilaige									



EPL	Date	Measured	Measured	Measured	Measured	Limit(s)	Measurement	Weather	Compliant	Comments	Date
ID		Levels – dB(A)	Levels – dB(A)	Levels – dB(A)	Levels – dB(A)		Periods	Compliant Conditions	(Yes/No)		Obtained
			Leq 15min Evening					Conditions			
		Leq 15min Day		Leq 15min Night	L <sub>A1</sub> (1 min) Night						
	Not					Day Evanina	Day – 1.5 hrs				
	required					Day, Evening					
						<u>&amp; Night:</u>	Evening – 0.5				
N5						35	hrs				
						<u>Night</u>					
						<u>L<sub>A1 (1 min)</sub>:</u>	Night – 1 hr				
						45					
	Not					Day, Evening	Day – 1.5 hrs				
	required					& Night:	,				
						35	Evening – 0.5				
N6						<u>Night</u>	hrs				
						<u>L<sub>A1 (1 min)</sub>:</u>					
						45	Night – 1 hr				
N8		Monito	oring at N8 to com	mence when su	rface activities a	approach the east	ern end of the sou	thern longwal	panels.	1	



Figure 1 – EPL 12789 Monitoring Locations





### **Site Information**

**EPL No:** 12789

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Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: March 2018 Obtained Date: 17 April 2018 Publication Date: 17 April 2018

		I			Pollutant Lim	• • • •		1	"	T
EPL ID	Pollutant	Units of	Monitoring	No. of Samples	Date	Date	Min	Mean	Median	Max or
		Measure	Frequency	for the Month	Sampled	Obtained	Value	Value	Value	Only Value
ND3	Deposited Matter	g/m²/month	Once a month (min. 4 weeks)	1	15-Mar-18	4-Apr-18	N/A	N/A	N/A	2.9
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
13	Conductivity	μs/cm	Upon	0						
15	TOC	mg/L	discharge	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
14	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
16	Conductivity	μs/cm	Quarterly –	0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН	-	0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
19	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

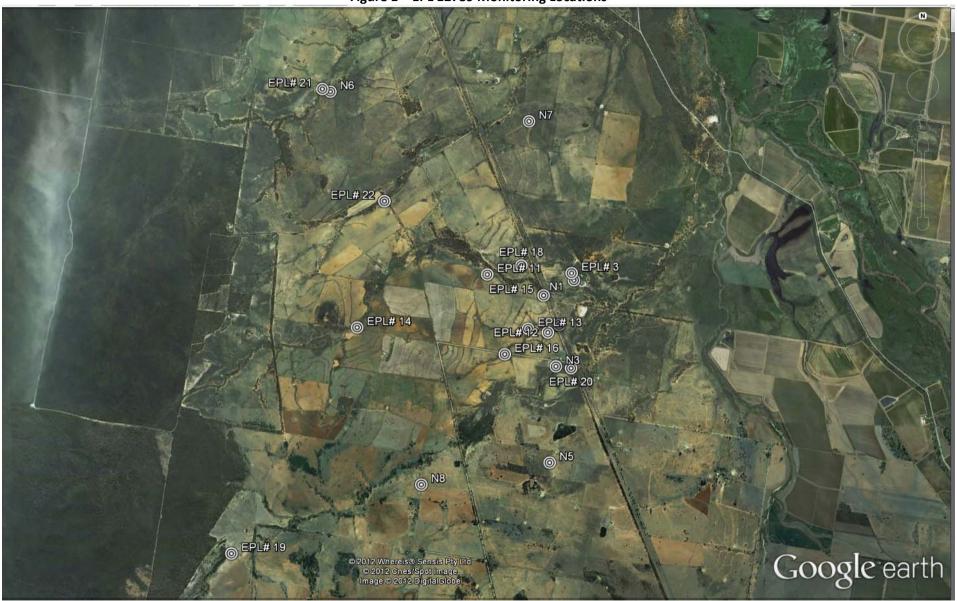
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge				SD7 no	t yet cons	tructed			
	рН	рН	uiscilaige									



EPL ID	Date	Measured Levels – dB(A)	Measured Levels – dB(A)	Measured Levels – dB(A)	Measured Levels – dB(A)	Limit(s)	Measurement Periods	Weather Compliant Conditions	Compliant (Yes/No)	Comments	Date Obtained
		L <sub>eq 15min Day</sub>	Leq 15min Evening	L <sub>eq 15min Night</sub>	L <sub>A1 (1 min) Night</sub>			Conditions			
	12-Mar-18	<25	IA	NA	NA	Day, Evening & Night:	Day – 1.5 hrs	No	Yes	NM Sources Only	17-Apr-18
N5	13-Mar-18	<30	<30	NM	NM	35 Night	Evening – 0.5 hrs	Yes	Yes	NM Sources Only	17-Apr-18
	14-Mar-18	IA	<20	<20	<20	<u>L<sub>A1 (1 min)</sub>:</u> 45	Night – 1 hr	Yes	Yes	NM Sources Only	17-Apr-18
	12-Mar-18	IA	<30	<30	34	Day, Evening & Night:	Day – 1.5 hrs	Yes	Yes	NM Sources Only	17-Apr-18
N6	13-Mar-18	IA	IA	<30	36	35 <u>Night</u>	Evening – 0.5 hrs	Yes	Yes	NM Sources Only	17-Apr-18
	14-Mar-18	IA	NM	IA	IA	<u>L<sub>A1 (1 min)</sub>:</u> 45	Night – 1 hr	Yes	Yes	NM Sources Only	17-Apr-18
N8	Monitoring at N8 to commence when surface activities approach the eastern end of the southern longwall panels.										



Figure 1 – EPL 12789 Monitoring Locations





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**EPL No:** 12789

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Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: April 2018 Obtained Date: 19 April 2018 Publication Date: 19 April 2018

					Pollutant Lim					1
EPL ID	Pollutant	Units of	Monitoring	No. of Samples	Date	Date	Min	Mean	Median	Max or
		Measure	Frequency	for the Month	Sampled	Obtained	Value	Value	Value	Only Value
ND3	Deposited Matter	g/m²/month	Once a month (min. 4 weeks)	1	13-Apr-18	19-Apr-18	N/A	N/A	N/A	0.9
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
13	Conductivity	μs/cm	Upon	0						
13	TOC	mg/L	discharge	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
14	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
16	Conductivity	μs/cm	Quarterly –	0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН	-	0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
19	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

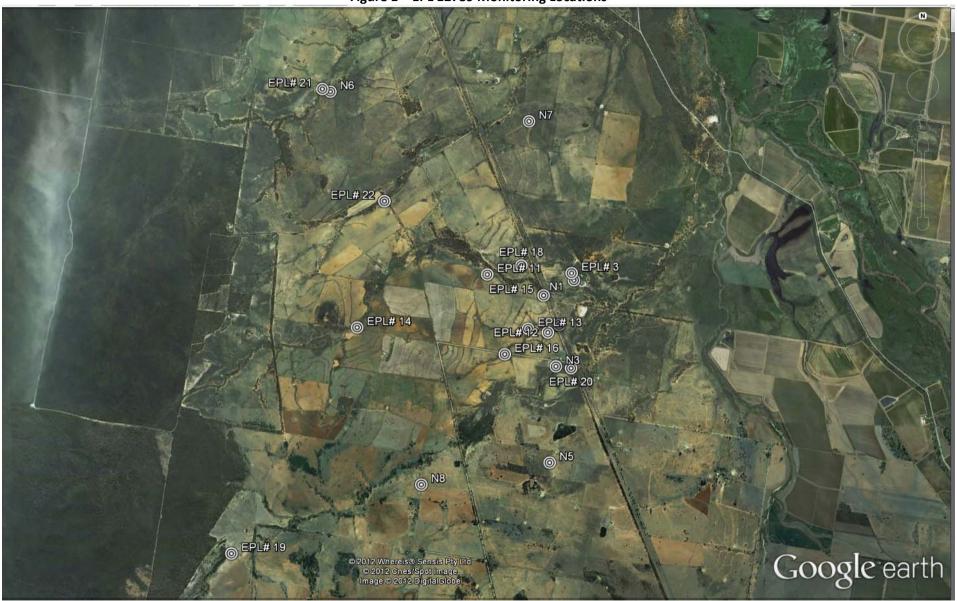
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge				SD7 no	t yet cons	tructed			
	рН	рН	uiscilaige									



EPL	Date	Measured	Measured	Measured	Measured	Limit(s)	Measurement	Weather	Compliant	Comments	Date
ID		Levels – dB(A)	Levels – dB(A)	Levels – dB(A)	Levels – dB(A)		Periods	Compliant Conditions	(Yes/No)		Obtained
			Leq 15min Evening					Conditions			
		Leq 15min Day		Leq 15min Night	L <sub>A1</sub> (1 min) Night						
	Not					Day Evanina	Day – 1.5 hrs				
	required					Day, Evening					
						<u>&amp; Night:</u>	Evening – 0.5				
N5						35	hrs				
						<u>Night</u>					
						<u>L<sub>A1 (1 min)</sub>:</u>	Night – 1 hr				
						45					
	Not					Day, Evening	Day – 1.5 hrs				
	required					& Night:	,				
						35	Evening – 0.5				
N6						<u>Night</u>	hrs				
						<u>L<sub>A1 (1 min)</sub>:</u>					
						45	Night – 1 hr				
N8		Monito	oring at N8 to com	mence when su	rface activities a	approach the east	ern end of the sou	thern longwal	panels.	1	



Figure 1 – EPL 12789 Monitoring Locations





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**EPL No:** 12789

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Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: May 2018 Obtained Date: 29 May 2018 Publication Date: 30 May 2018

EPL ID	Pollutant	Units of	Monitoring	No. of Samples	Date	Date	Min	Mean	Median	Max or
	Tonatant	Measure	Frequency	for the Month	Sampled	Obtained	Value	Value	Value	Only Value
ND3	Deposited Matter	g/m²/month	Once a month (min. 4 weeks)	1	14-May-18	29-May-18	N/A	N/A	N/A	3.0
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
13	Conductivity	μs/cm	Upon	0						
13	TOC	mg/L	discharge	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
14	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
16	Conductivity	μs/cm	Quarterly –	0			_			

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН	-	0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
19	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

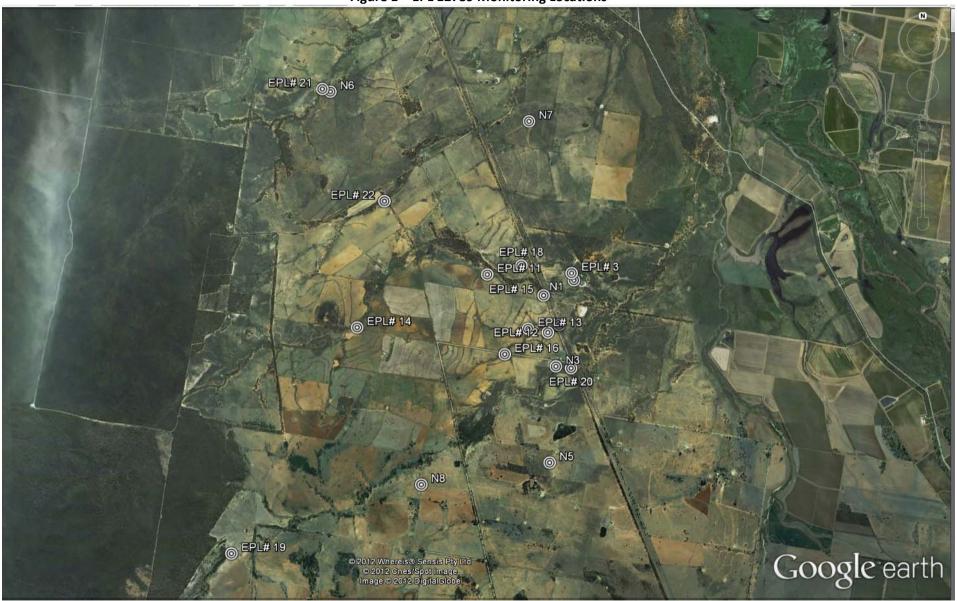
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge				SD7 no	t yet cons	tructed			
	рН	рН	uiscilaige									



EPL	Date	Measured	Measured	Measured	Measured	Limit(s)	Measurement	Weather	Compliant	Comments	Date
ID		Levels – dB(A)	Levels – dB(A)	Levels – dB(A)	Levels – dB(A)		Periods	Compliant Conditions	(Yes/No)		Obtained
			Leq 15min Evening					Conditions			
		Leq 15min Day		Leq 15min Night	L <sub>A1</sub> (1 min) Night						
	Not					Day Evanina	Day – 1.5 hrs				
	required					Day, Evening					
						<u>&amp; Night:</u>	Evening – 0.5				
N5						35	hrs				
						<u>Night</u>					
						<u>L<sub>A1 (1 min)</sub>:</u>	Night – 1 hr				
						45					
	Not					Day, Evening	Day – 1.5 hrs				
	required					& Night:	,				
						35	Evening – 0.5				
N6						<u>Night</u>	hrs				
						<u>L<sub>A1 (1 min)</sub>:</u>					
						45	Night – 1 hr				
N8		Monito	oring at N8 to com	mence when su	rface activities a	approach the east	ern end of the sou	thern longwal	panels.	1	



Figure 1 – EPL 12789 Monitoring Locations





### **Site Information**

**EPL No:** 12789

**EPA Website Link:** http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: June 2018
Obtained Date: 21 August 2018
Publication Date: 3 September 2018

EPL ID	Pollutant	Units of	Monitoring	No. of Samples	Date	Date	Min	Mean	Median	Max or
		Measure	Frequency	for the Month	Sampled	Obtained	Value	Value	Value	Only Value
ND3	Deposited Matter	g/m²/month	Once a month (min. 4 weeks)	1	13-Jun-18	4-Jul-18	N/A	N/A	N/A	4.6
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
13	Conductivity	μs/cm	Upon	0						
15	TOC	mg/L	discharge	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly – Upon	0						
14	Oil & Grease	mg/L		0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
16	Conductivity	μs/cm	Quarterly –	0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН	-	0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	Oil & Grease mg/L	Quarterly –	0						
19	Oil & Grease		mg/L Upon	0						
	рН		discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

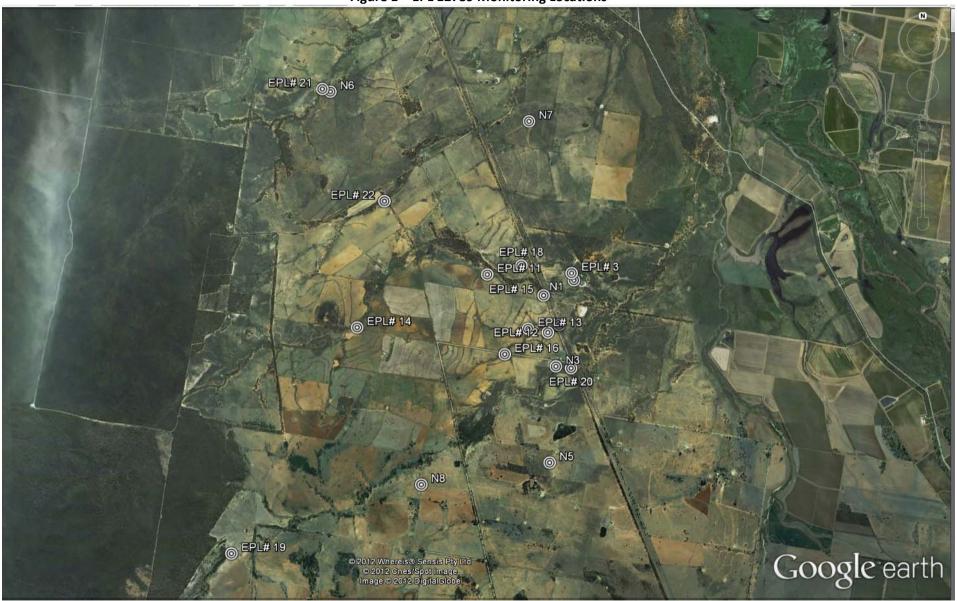
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge				SD7 no	t yet cons	tructed			
	рН	рН	uiscilaige									



EPL ID	Date	Measured Levels – dB(A)	Measured Levels – dB(A) L <sub>eq 15min Evening</sub>	Measured Levels – dB(A)	Measured Levels – dB(A)	Limit(s)	Measurement Periods	Weather Compliant Conditions	Compliant (Yes/No)	Comments	Date Obtained
		L <sub>eq 15min Day</sub>		L <sub>eq 15min Night</sub>	L <sub>A1 (1 min) Night</sub>						
	19-Jun-18	20	<20	NM	NM	Day, Evening <u>&amp; Night:</u>	Day – 1.5 hrs	No	Yes	NM Sources Only	21-Aug-18
N5	20-Jun-18	NM	IA	IA	IA	35 Night	Evening – 0.5 hrs	No	Yes	NM Sources Only	21-Aug-18
	21-Jun-18	23	34	IA	IA	<u>L<sub>A1 (1 min)</sub>:</u> 45	Night – 1 hr	Yes	Yes	NM Sources Only	21-Aug-18
	19-Jun-18	<25	31	33	43	Day, Evening <u>&amp; Night:</u>	Day – 1.5 hrs	No	Yes	NM Sources Only	21-Aug-18
N6	20-Jun-18	33	28	30	41	35 <u>Night</u>	Evening – 0.5 hrs	No	Yes	NM Sources Only	21-Aug-18
	21-Jun-18	27	33	28	41	<u>L<sub>A1 (1 min)</sub>:</u> 45	Night – 1 hr	Yes	Yes	NM Sources Only	21-Aug-18
N8		<u>Monito</u>	ring at N8 to com	mence when su	rface activities a	approach the east	ern end of the sou	thern longwall	panels.		



Figure 1 – EPL 12789 Monitoring Locations





### **Site Information**

**EPL No:** 12789

**EPA Website Link:** http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: July 2018 Obtained Date: 27 July 2018 Publication Date: 1 August 2018

EPL ID	Pollutant	Units of	Monitoring	No. of Samples	Date	Date	Min	Mean	Median	Max or
EPLID	Pollutarit	Measure	Frequency	for the Month	Sampled	Obtained	Value	Value	Value	Only Value
ND3	Deposited Matter	g/m²/month	Once a month (min. 4 weeks)	1	13-Jul-18	27-Jul-18	N/A	N/A	N/A	2.7
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
13	Conductivity	μs/cm	Upon	0						
13	TOC	mg/L	discharge	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
14	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
16	Conductivity	μs/cm	Quarterly –	0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН	-	0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	Oil & Grease mg/L	Quarterly –	0						
19	Oil & Grease		mg/L Upon	0						
	рН		discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

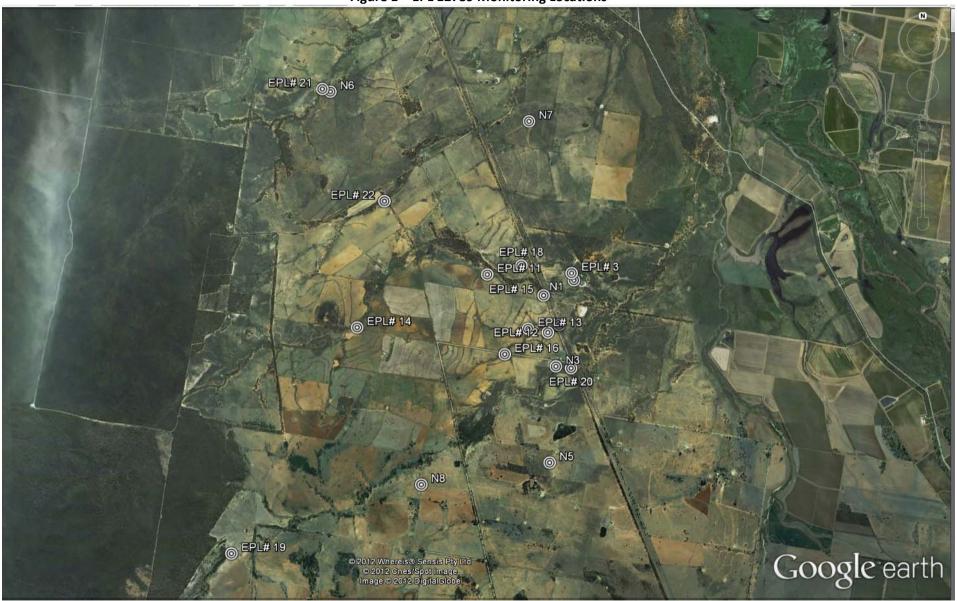
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge				SD7 no	t yet cons	tructed			
	рН	рН	uiscilaige									



EPL	Date	Measured	Measured	Measured	Measured	Limit(s)	Measurement	Weather	Compliant	Comments	Date
ID		Levels – dB(A)	Levels – dB(A)	Levels – dB(A)	Levels – dB(A)		Periods	Compliant Conditions	(Yes/No)		Obtained
			Leq 15min Evening					Conditions			
		Leq 15min Day		Leq 15min Night	L <sub>A1</sub> (1 min) Night						
	Not					Day Evanina	Day – 1.5 hrs				
	required					Day, Evening					
						<u>&amp; Night:</u>	Evening – 0.5				
N5						35	hrs				
						<u>Night</u>					
						<u>L<sub>A1 (1 min)</sub>:</u>	Night – 1 hr				
						45					
	Not					Day, Evening	Day – 1.5 hrs				
	required					& Night:	,				
						35	Evening – 0.5				
N6						<u>Night</u>	hrs				
						<u>L<sub>A1 (1 min)</sub>:</u>					
						45	Night – 1 hr				
N8		Monito	oring at N8 to com	mence when su	rface activities a	approach the east	ern end of the sou	thern longwal	panels.	1	



Figure 1 – EPL 12789 Monitoring Locations





### **Site Information**

**EPL No:** 12789

**EPA Website Link:** http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: August 2018
Obtained Date: 27 August 2018
Publication Date: 3 September 2018

		•	,	Table 1 - NO	Pollutant Lim	iits Appiy		_		
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m²/month	Once a month (min. 4 weeks)	1	10-Aug-18	27-Aug-18	N/A	N/A	N/A	3.3
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
13	Conductivity	μs/cm	Upon	0						
13	TOC	mg/L	discharge	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly – Upon	0						
14	Oil & Grease	mg/L		0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
16	Conductivity	μs/cm	Quarterly –	0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН	-	0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
19	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

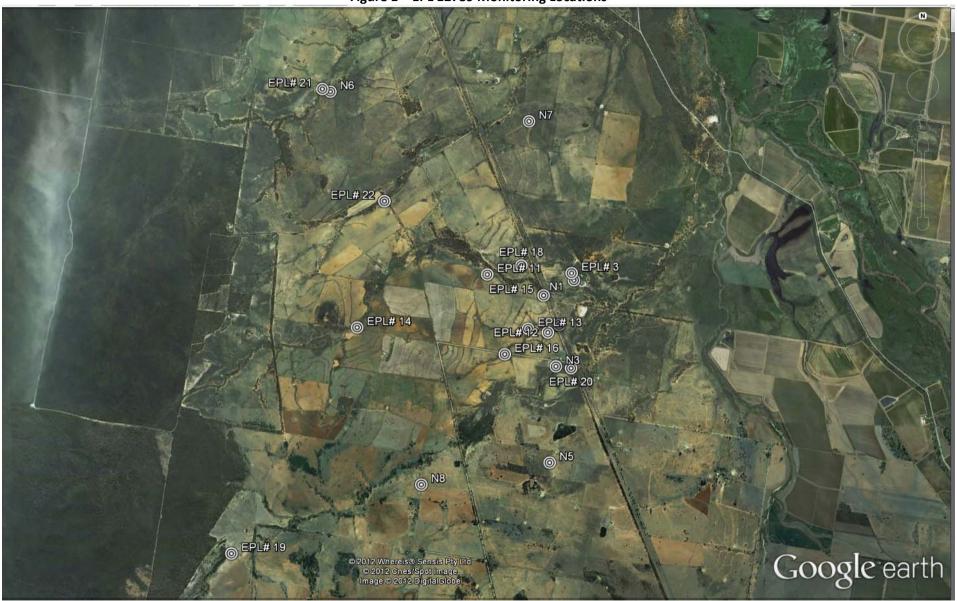
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge	SILV NOT VET CONSTRUCTED								
	рН	рН	uiscilaige									



EPL	Date	Measured	Measured	Measured	Measured	Limit(s)	Measurement	Weather	Compliant	Comments	Date
ID		Levels – dB(A)	Levels – dB(A)	Levels – dB(A)	Levels – dB(A)		Periods	Compliant Conditions	(Yes/No)		Obtained
			Leq 15min Evening					Conditions			
		Leq 15min Day		Leq 15min Night	L <sub>A1</sub> (1 min) Night						
	Not					Day Evanina	Day – 1.5 hrs				
	required					Day, Evening					
						<u>&amp; Night:</u>	Evening – 0.5				
N5						35	hrs				
						<u>Night</u>					
						<u>L<sub>A1 (1 min)</sub>:</u>	Night – 1 hr				
						45					
	Not					Day, Evening	Day – 1.5 hrs				
	required					& Night:	,				
						35	Evening – 0.5				
N6						<u>Night</u>	hrs				
						<u>L<sub>A1 (1 min)</sub>:</u>					
						45	Night – 1 hr				
N8		Monito	oring at N8 to com	mence when su	rface activities a	approach the east	ern end of the sou	thern longwal	panels.	1	



Figure 1 – EPL 12789 Monitoring Locations





### **Site Information**

**EPL No:** 12789

**EPA Website Link:** http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: September 2018
Obtained Date: 17 October 2018
Publication Date: 24 October 2018

#### Table 1 - No Pollutant Limits Apply

EPL ID	Pollutant	Units of	Monitoring	No. of Samples	Date	Date	Min	Mean	Median	Max or
		Measure	Frequency	for the Month	Sampled	Obtained	Value	Value	Value	Only Value
ND3	Deposited Matter	g/m²/month	Once a month (min. 4 weeks)	1	10-Sep-18	19-Sep-18	N/A	N/A	N/A	3.2
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
13	Conductivity	μs/cm	Upon	0						
13	TOC	mg/L	discharge	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
14	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
16	Conductivity	μs/cm	Quarterly –	0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН		0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
19	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

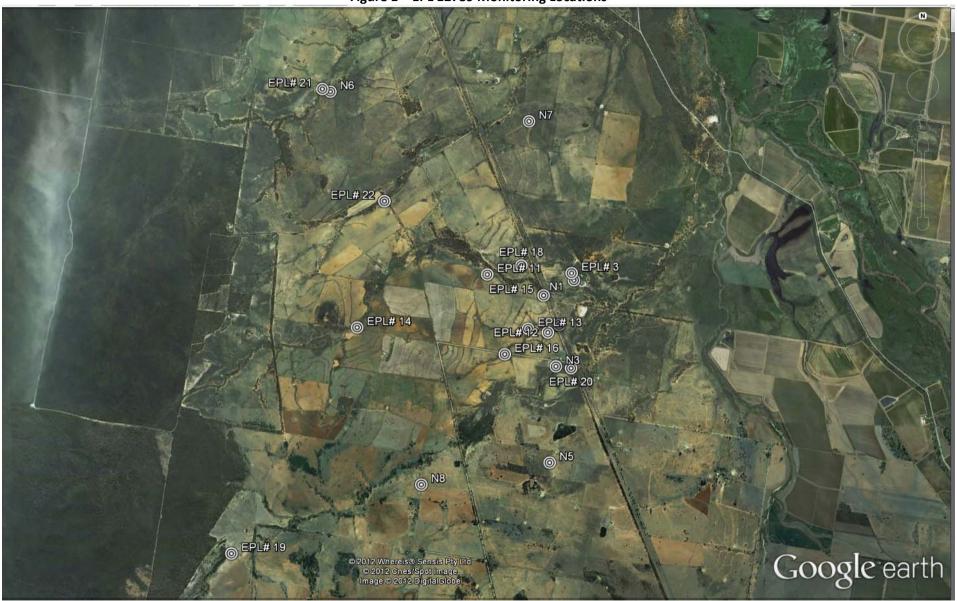
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge	SILV NOT VET CONSTRUCTED								
	рН	рН	uiscilaige									



EPL ID	Date	Measured Levels – dB(A) L <sub>eq 15min Day</sub>	Measured Levels – dB(A) L <sub>eq 15min Evening</sub>	Measured Levels – dB(A) L <sub>eq 15min Night</sub>	Measured Levels – dB(A)  L <sub>A1 (1 min) Night</sub>	Limit(s)	Measurement Periods	Weather Compliant Conditions	Compliant (Yes/No)	Comments	Date Obtained
	18-Sep-18	NM	34	32	42	Day, Evening & Night:	Day – 1.5 hrs	No	Yes	NM Sources Only	17-Oct-18
N5	19-Sep-18	NM	IA	IA	IA	35 <u>Night</u>	Evening – 0.5 hrs	No	Yes	NM Sources Only	17-Oct-18
	20-Sep-18	27	IA	IA	IA	<u>L<sub>A1 (1 min)</sub>:</u> 45	Night – 1 hr	No	Yes	NM Sources Only	17-Oct-18
	18-Sep-18	NM	IA	IA	IA	Day, Evening <u>&amp; Night:</u>	Day – 1.5 hrs	No	Yes	NM Sources Only	17-Oct-18
N6	19-Sep-18	NM	33	35	43	35 <u>Night</u>	Evening – 0.5 hrs	No	Yes	NM Sources Only	17-Oct-18
	20-Sep-18	30	31	33	39	<u>L<sub>A1 (1 min)</sub>:</u> 45	Night – 1 hr	No	Yes	NM Sources Only	17-Oct-18
N8		<u>Monito</u>	ring at N8 to com	mence when su	rface activities a	approach the east	ern end of the sou	thern longwal	l panels.		



Figure 1 – EPL 12789 Monitoring Locations





### **Site Information**

**EPL No:** 12789

**EPA Website Link:** <a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789</a>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: October 2018 Obtained Date: 23 October 2018 Publication Date: 25 October 2018

Table 1 - No Pollutant Limits Apply

		lleite of	Monitoring		Pollutant Lim		NAin	Magn	Madian	Mayor
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
		ivieasure	<del>                                     </del>	TOT THE IVIOLITY	Sampleu	Obtained	value	value	value	Offity Value
ND3	Deposited Matter	g/m <sup>2</sup> /month	Once a month (min. 4 weeks)	1	10-Oct-18	23-Oct-18	N/A	N/A	N/A	0.5
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
12	Conductivity	μs/cm	Upon	0						
13	TOC	mg/L	discharge	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
14	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
16	Conductivity	μs/cm	Quarterly –	0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН		0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
19	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

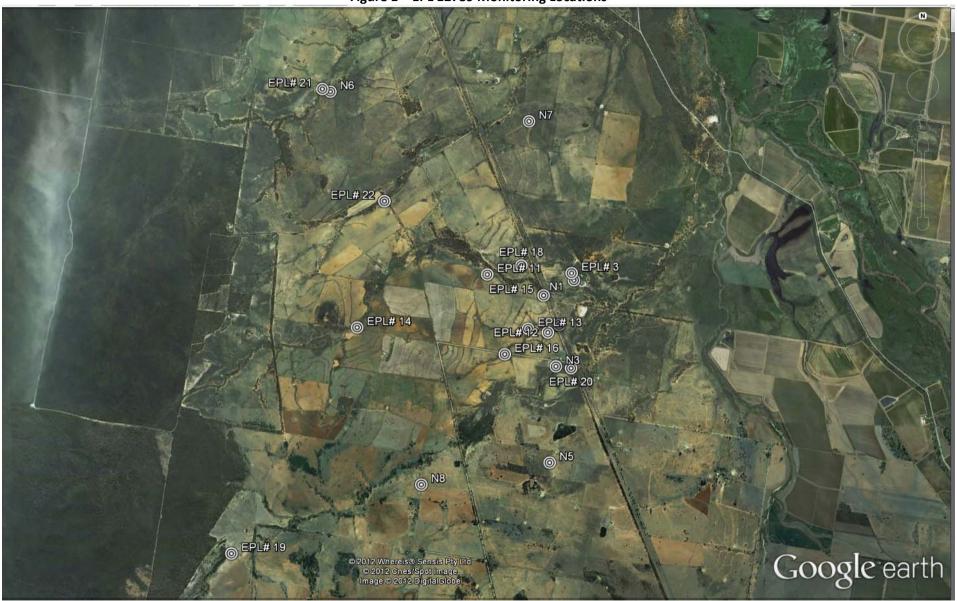
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge				SD7 no	t yet cons	tructed			
	рН	рН	discharge									



EPL	Date	Measured	Measured	Measured	Measured	Limit(s)	Measurement	Weather	Compliant	Comments	Date
ID		Levels – dB(A)	Levels – dB(A)	Levels – dB(A)	Levels – dB(A)		Periods	Compliant Conditions	(Yes/No)		Obtained
			Leq 15min Evening					Conditions			
		Leq 15min Day		Leq 15min Night	L <sub>A1</sub> (1 min) Night						
	Not					Day Evanina	Day – 1.5 hrs				
	required					Day, Evening					
						<u>&amp; Night:</u>	Evening – 0.5				
N5						35	hrs				
						<u>Night</u>					
						<u>L<sub>A1 (1 min)</sub>:</u>	Night – 1 hr				
						45					
	Not					Day, Evening	Day – 1.5 hrs				
	required					& Night:	,				
						35	Evening – 0.5				
N6						<u>Night</u>	hrs				
						<u>L<sub>A1 (1 min)</sub>:</u>					
						45	Night – 1 hr				
N8		Monito	oring at N8 to com	mence when su	rface activities a	approach the east	ern end of the sou	thern longwal	panels.	1	



Figure 1 – EPL 12789 Monitoring Locations





### **Site Information**

**EPL No:** 12789

**EPA Website Link:** http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: November 2018

Obtained Date: 21 December 2018

Publication Date: 21 December 2018

#### Table 1 - No Pollutant Limits Apply

בטן וס	Pollutant	Units of	Monitoring	No. of Samples	Date	Date	Min	Mean	Median	Max or
EPL ID	Pollutant	Measure	Frequency	for the Month	Sampled	Obtained	Value	Value	Value	Only Value
ND3	Deposited Matter	g/m²/month	Once a month (min. 4 weeks)	1	9-Nov-18	3-Dec-18	N/A	N/A	N/A	3.8
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
13	Conductivity	μs/cm	Upon	0						
13	TOC	mg/L	discharge	0						
	Conductivity	μs/cm	Quarterly – Upon	0						
-	TOC	mg/L		0						
14	Oil & Grease	mg/L		0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
16	Conductivity	μs/cm	Quarterly –	0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН	-	0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
19	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

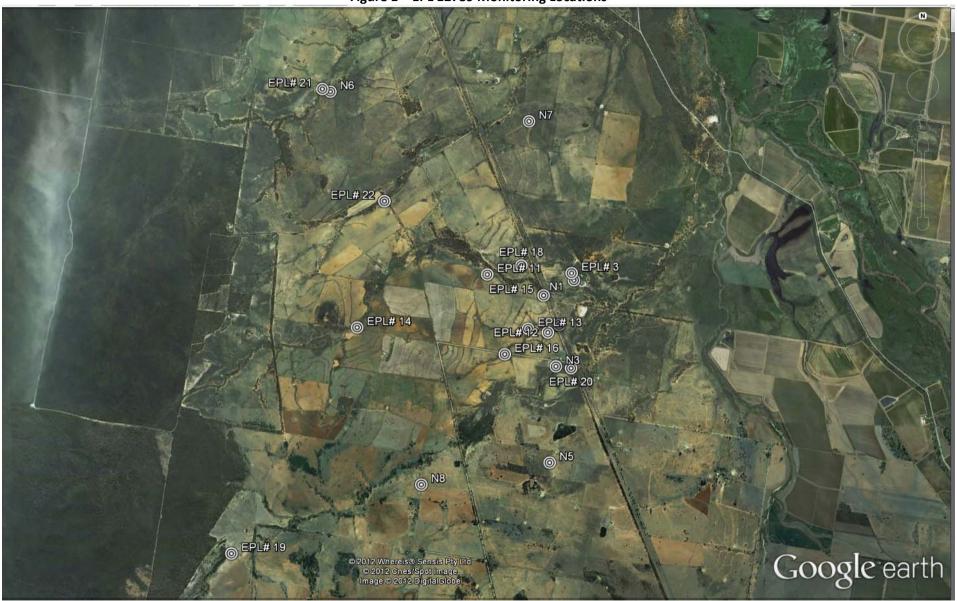
EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge				SD7 no	t yet cons	tructed			
	рН	рН	discharge									



EPL ID	Date	Measured Levels –	Measured Levels – dB(A)	Measured Levels –	Measured Levels –	Limit(s)	Measurement Periods	Weather Compliant	Compliant (Yes/No)	Comments	Date Obtained
		dB(A)	Leq 15min Evening	dB(A)	dB(A)			Conditions	(, -,		
		L <sub>eq 15min Day</sub>		L <sub>eq 15min Night</sub>	L <sub>A1 (1 min) Night</sub>						
	26-Nov-18	30	29	29	38	Day, Evening <u>&amp; Night:</u>	Day – 1.5 hrs	No	Yes	NM Sources Only	21-Dec-18
N5	27-Nov-18	IA	27	29	33	35 Night	Evening – 0.5 hrs	No	Yes	NM Sources Only	21-Dec-18
	28-Nov-18	NM	27	28	38	<u>L<sub>A1 (1 min)</sub>:</u> 45	Night – 1 hr	No	Yes	NM Sources Only	21-Dec-18
	26-Nov-18	35	NM	35	38	Day, Evening <u>&amp; Night:</u>	Day – 1.5 hrs	No	Yes	NM Sources Only	21-Dec-18
N6	27-Nov-18	NM	IA	NM	NM	35 <u>Night</u>	Evening – 0.5 hrs	No	Yes	NM Sources Only	21-Dec-18
	28-Nov-18	<25	NM	35	43	<u>L<sub>A1 (1 min)</sub>:</u> 45	Night – 1 hr	No	Yes	NM Sources Only	21-Dec-18
N8		<u>Monito</u>	ring at N8 to com	mence when su	rface activities a	pproach the east	ern end of the sou	thern longwall	panels.		



Figure 1 – EPL 12789 Monitoring Locations





### **Site Information**

**EPL No:** 12789

**EPA Website Link:** <a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789</a>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

**EPL Monitoring Points:** See Figure 1 below

Sampling Period: December 2018 Obtained Date: 7 January 2019 Publication Date: 8 January 2019

#### Table 1 - No Pollutant Limits Apply

בטן וס	Pollutant	Units of	Monitoring	No. of Samples	Date	Date	Min	Mean	Median	Max or
EPL ID	Pollutant	Measure	Frequency	for the Month	Sampled	Obtained	Value	Value	Value	Only Value
ND3	Deposited Matter	g/m²/month	Once a month (min. 4 weeks)	1	10-Dec-18	7-Jan-19	N/A	N/A	N/A	2.2
11	Conductivity	μs/cm	Upon	0						
11	TOC	mg/L	discharge	0						
13	Conductivity	μs/cm	Upon	0						
13	TOC	mg/L	discharge	0						
	Conductivity	μs/cm	Quarterly – Upon	0						
-	TOC	mg/L		0						
14	Oil & Grease	mg/L		0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
15	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
16	Conductivity	μs/cm	Quarterly –	0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						
	рН	рН	-	0						
	TSS	mg/L	=	0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
17	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
18	Conductivity	μs/cm	Upon			SD7 n/	ot yet construc	tad		
10	TOC	mg/L	discharge			307 110				
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
19	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
20	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm		0						
	TOC	mg/L	Quarterly –	0						
21	Oil & Grease	mg/L	Upon	0						
	рН	рН	discharge	0						
	TSS	mg/L		0						
	Conductivity	μs/cm	Quarterly –	0						
22	TOC	mg/L	Upon	0						
	Oil & Grease	mg/L	discharge	0						



EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	рН	рН		0						
	TSS	mg/L		0						

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max Value	EPL Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Hann	0						50		
11	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD4
	рН	рН	discharge	0						6.5-8.5		
	TSS	mg/L	11	0						50		
13	Oil & Grease	mg/L	Upon discharge	0						10		Dam – SD2
	рН	рН	uischarge	0						6.5-8.5		
	TSS	mg/L	11									
18	Oil & Grease	mg/L	Upon discharge				SD7 no	t yet cons	tructed			
	рН	рН	discharge									



EPL	Date	Measured	Measured	Measured	Measured	Limit(s)	Measurement	Weather	Compliant	Comments	Date
ID		Levels – dB(A)	Levels – dB(A)	Levels – dB(A)	Levels – dB(A)		Periods	Compliant Conditions	(Yes/No)		Obtained
			Leq 15min Evening					Conditions			
		Leq 15min Day		Leq 15min Night	L <sub>A1</sub> (1 min) Night						
	Not					Day Evanina	Day – 1.5 hrs				
	required					Day, Evening					
						<u>&amp; Night:</u>	Evening – 0.5				
N5						35	hrs				
						<u>Night</u>					
						<u>L<sub>A1 (1 min)</sub>:</u>	Night – 1 hr				
						45					
	Not					Day, Evening	Day – 1.5 hrs				
	required					& Night:	,				
						35	Evening – 0.5				
N6						<u>Night</u>	hrs				
						<u>L<sub>A1 (1 min)</sub>:</u>					
						45	Night – 1 hr				
N8		Monito	oring at N8 to com	mence when su	rface activities a	approach the east	ern end of the sou	thern longwal	panels.	1	



Figure 1 – EPL 12789 Monitoring Locations

