EPL No. 20544

EPL Monitoring Data

Project Sydney Metro Northwest OTS Works

EPL Weblink:
http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued

DETAILS

Location:	Month:	Year:
Cherrybrook Station	August	2016

NOISE MONITORING DATA

Specific EPL licence monitoring conditions for noise monitoring:
Condition L3.2 - Noise limits Condition
Condition L4.2 - Exemptions to standard working hours
Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends
Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights
Condition L4.6 - Additional works agreed outside of standard construction hours
Condition M6.5 - Complaints
Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB(A) for month	max value dB(A) for month	goals / targets dB(A)
CHB: L1	1	Attended	Yes	Leq	51.3	51.3	51*
CHB: L2	1	Attended	Yes	Leq	58.9	58.9	55
CHB: L3	1	Attended	Yes	Leq	64.4	64.4	65
CHB: L4	1	Attended	Yes	Leq	65.5	65.5	60

Comments

L1: 13 Oliver way (Rustling of the palm trees, wind was close to 16km/h)
L2: 3 Robert Rd (Heavy traffic coming from castle hill road - trucks passing constantly)
L3: Inala Steiner School (Concrete cutting saw occurring for a duration of 5 minutes during noise monitoring. Minimal traffic noise from castle hill road. moderate wind)
L4: 125 Castle Hill Rd (Heavy traffic noise coming from the main road - trucks constantly passing through - no audible noise from site)

* NOTE: NML at L1 is 47. Predicted Noise Level during V1 (August) is 51

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:

Condition L2 - Concentration Limits

Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
SB1	5	Yes	pH	pH	8	8..4	6.5	8.5
SB1	5	Yes	TSS	mg/L	0	28	0	50

Comments

VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:
Condition M6.5 - Complaints
Condition M7.1 - Other monitoring conditions

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select...	Select...	Select...					

Comments

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select...	Select...	Select...					

Comments

CORRECTION LOG

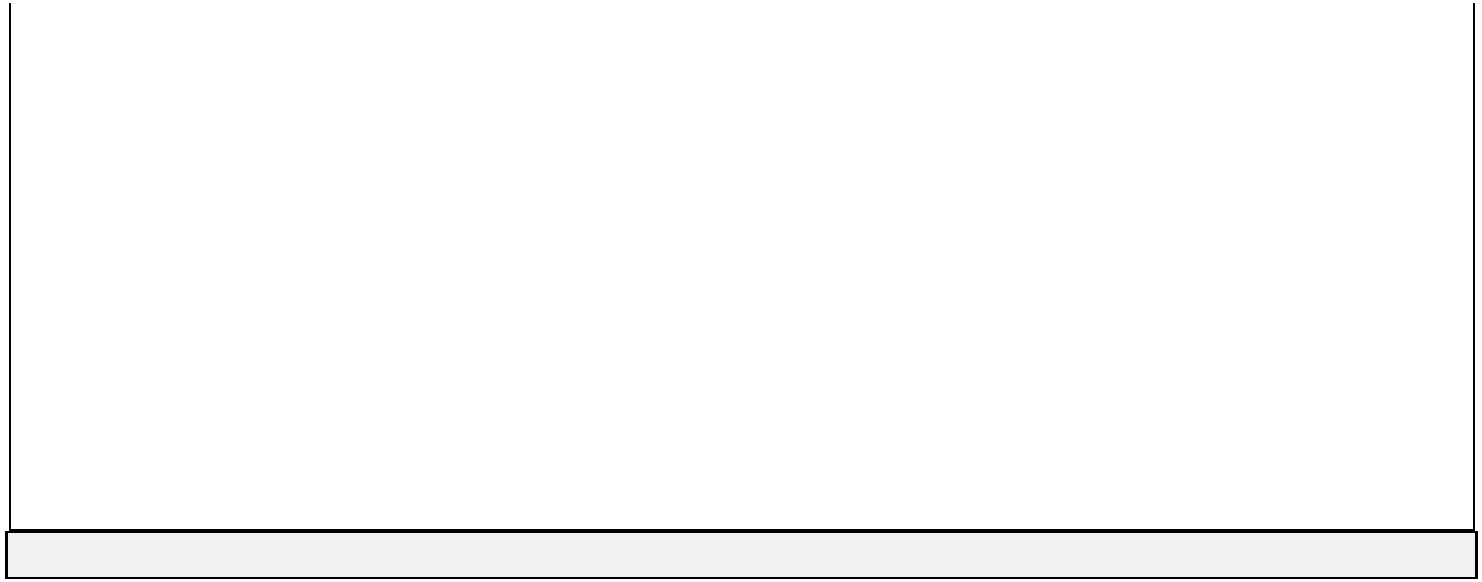
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning

Comments

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
			Select...					

Comments



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DETAILS

Location:	Month:	Year:
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NOISE MONITORING DATA

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Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights
Condition L4.6 - Additional works agreed outside of standard construction hours
Condition M6.5 - Complaints
Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB(A) for month	max value dB(A) for month	goals / targets dB(A)
Attended	Yes	Attended	Yes	Leq	Leq	Attended	Yes

Comments

L1: 13 Oliver way (Rustling of the palm trees, wind was close to 16km/h)
L2: 3 Robert Rd (Heavy traffic coming from castle hill road - trucks passing constantly)

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:
Condition L2 - Concentration Limits
Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
CHB: L2	1	Leq	Attended	Yes	58.9	58.9	55	CHB: L3
1	64.4	Leq	CHB: L1	1	64.4	65	CHB: L4	1

Comments

VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:
Condition M6.5 - Complaints
Condition M7.1 - Other monitoring conditions

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
65.5	65.5	51.3	51.3	51*	60	Yes	pH	pH	Yes

Comments

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
Select...	SB1	TSS	mg/L	Select...	5	8	8..4	6.5	8.5

Comments

CORRECTION LOG

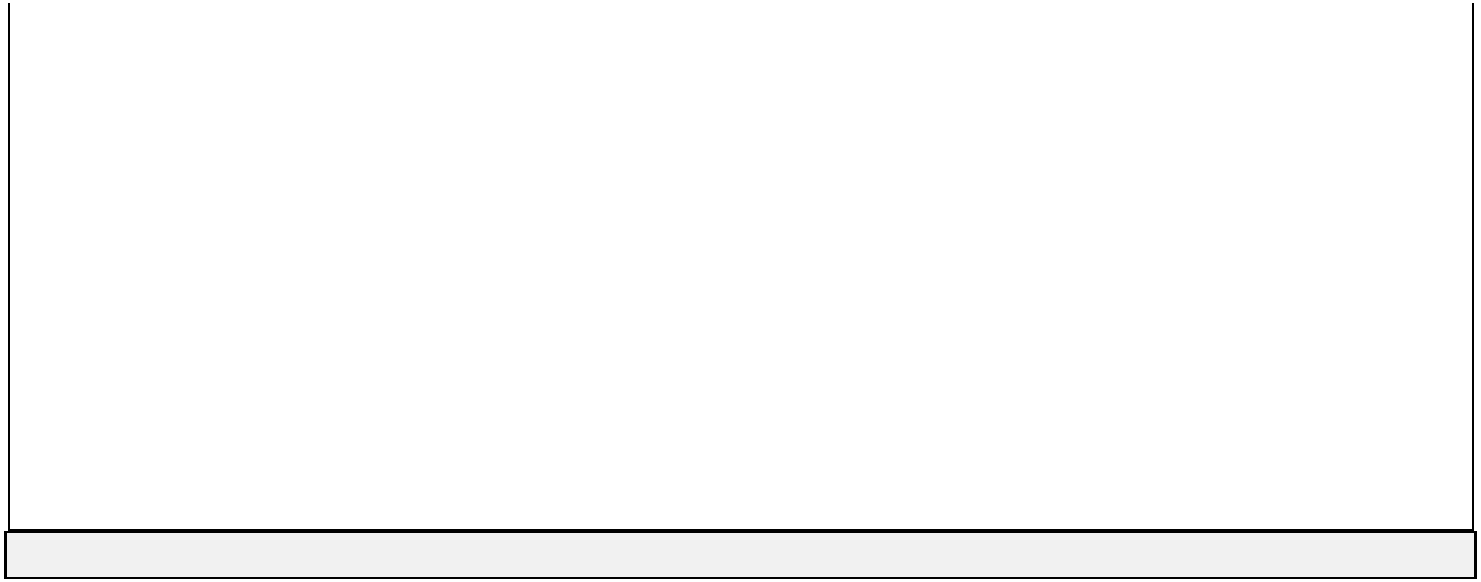
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
SB1	0	28	0	50					
5									

Comments

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
		Select...	Select...	Select...	Select...	Select...		

Comments



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DETAILS

Location:	Month:	Year:
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NOISE MONITORING DATA

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Condition L3.2 - Noise limits Condition
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Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends
Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights
Condition L4.6 - Additional works agreed outside of standard construction hours
Condition M6.5 - Complaints
Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB(A) for month	max value dB(A) for month	goals / targets dB(A)
Attended	Yes	Attended	Yes	Leq	Leq	Attended	Yes

Comments

L1: 13 Oliver way (Rustling of the palm trees, wind was close to 16km/h)
L2: 3 Robert Rd (Heavy traffic coming from castle hill road - trucks passing constantly)

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:
Condition L2 - Concentration Limits
Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
CHB: L2	1	Leq	Attended	Yes	58.9	58.9	55	CHB: L3
1	64.4	Leq	CHB: L1	1	64.4	65	CHB: L4	1

Comments

VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:
Condition M6.5 - Complaints
Condition M7.1 - Other monitoring conditions

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
65.5	65.5	51.3	51.3	51*	60	Yes	pH	pH	Yes

Comments

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
Select...	SB1	TSS	mg/L	Select...	5	8	8..4	6.5	8.5

Comments

CORRECTION LOG

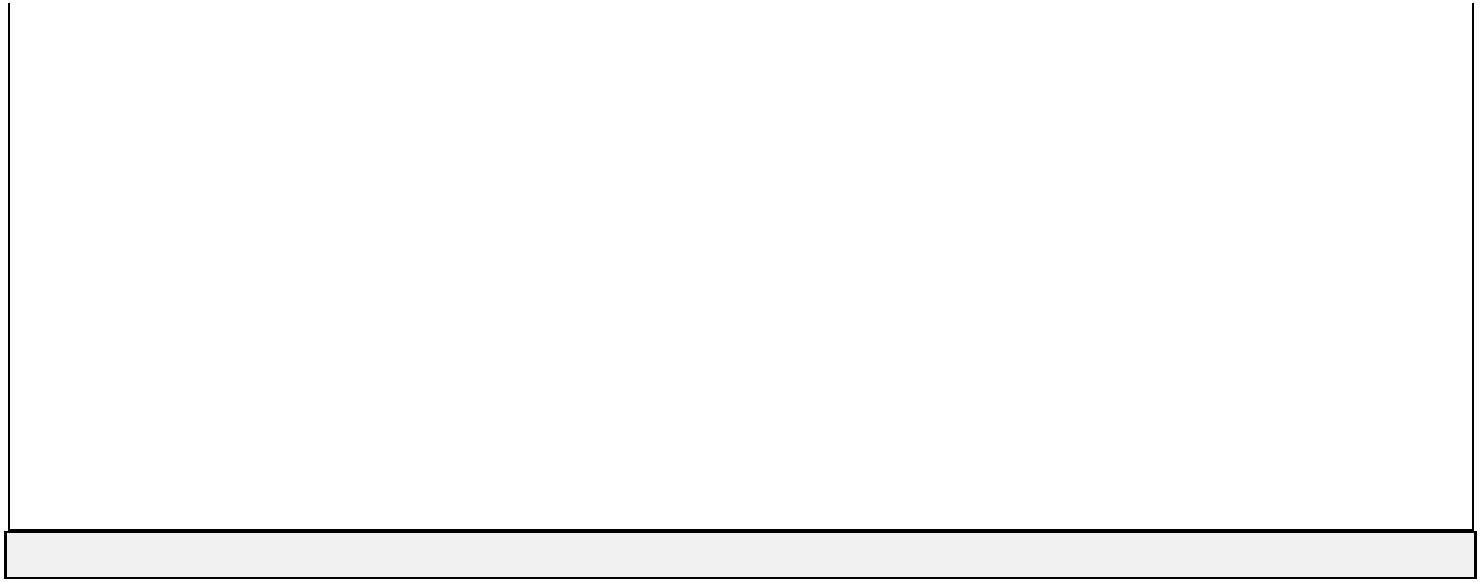
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
SB1	0	28	0	50					
5									

Comments

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
		Select...	Select...	Select...	Select...	Select...		

Comments



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DETAILS

Location:	Month:	Year:
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Condition M6.5 - Complaints
Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB(A) for month	max value dB(A) for month	goals / targets dB(A)
Attended	Yes	Attended	Yes	Leq	Leq	Attended	Yes

Comments

L1: 13 Oliver way (Rustling of the palm trees, wind was close to 16km/h)
L2: 3 Robert Rd (Heavy traffic coming from castle hill road - trucks passing constantly)

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:
Condition L2 - Concentration Limits
Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
CHB: L2	1	Leq	Attended	Yes	58.9	58.9	55	CHB: L3
1	64.4	Leq	CHB: L1	1	64.4	65	CHB: L4	1

Comments

VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:
Condition M6.5 - Complaints
Condition M7.1 - Other monitoring conditions

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
65.5	65.5	51.3	51.3	51*	60	Yes	pH	pH	Yes

Comments

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
Select...	SB1	TSS	mg/L	Select...	5	8	8..4	6.5	8.5

Comments

CORRECTION LOG

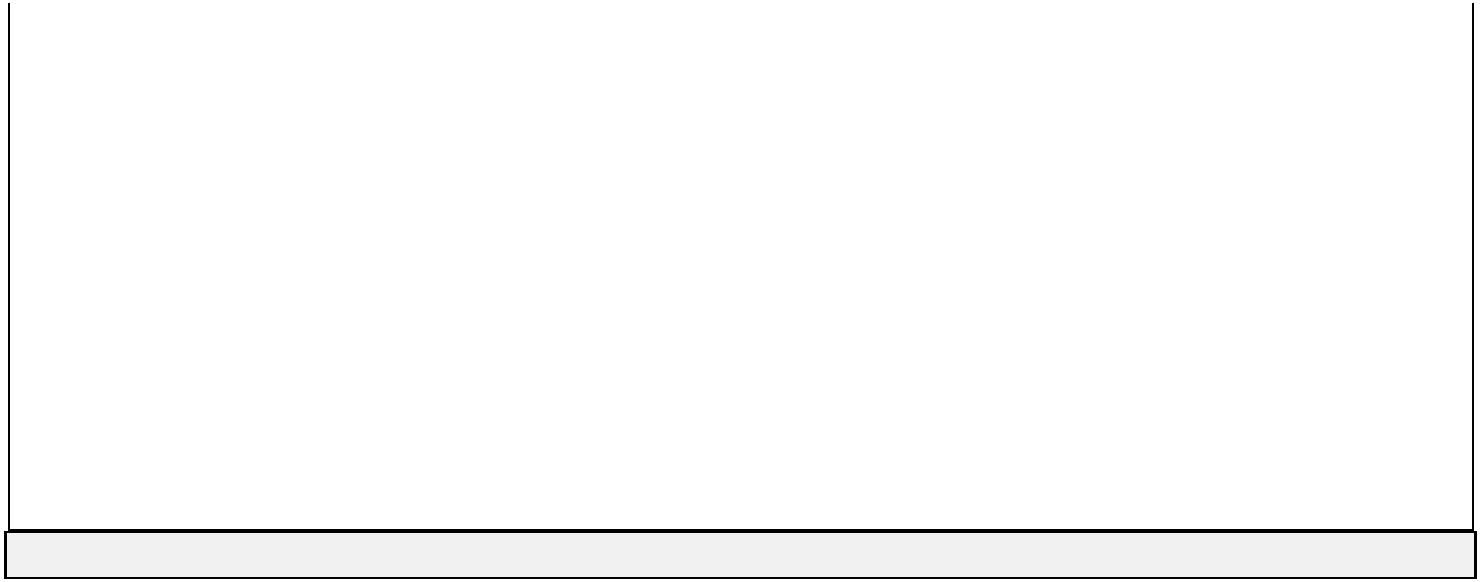
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
SB1	0	28	0	50					
5									

Comments

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
		Select...	Select...	Select...	Select...	Select...		

Comments



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Location:	Month:	Year:
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Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB(A) for month	max value dB(A) for month	goals / targets dB(A)
Attended	Yes	Attended	Yes	Leq	Leq	Attended	Yes

Comments

L1: 13 Oliver way (Rustling of the palm trees, wind was close to 16km/h)
L2: 3 Robert Rd (Heavy traffic coming from castle hill road - trucks passing constantly)

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:
Condition L2 - Concentration Limits
Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
1	64.4	Leq	Attended	Yes	64.4	65	CHB: L4	1
65.5	65.5	Leq	CHB: L1	1	60	Yes	pH	pH
Yes	TSS	51.3	51.3	51*	mg/L	Select...	Select...	Select...
SB1	5	CHB: L2	1	58.9	8	8..4	6.5	8.5

Comments

VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:
Condition M6.5 - Complaints
Condition M7.1 - Other monitoring conditions

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
SB1	5	58.9	55	CHB: L3	0	28	0	50	

Comments

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
					Select...	Select...	Select...	Select...	

Comments

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning

Comments

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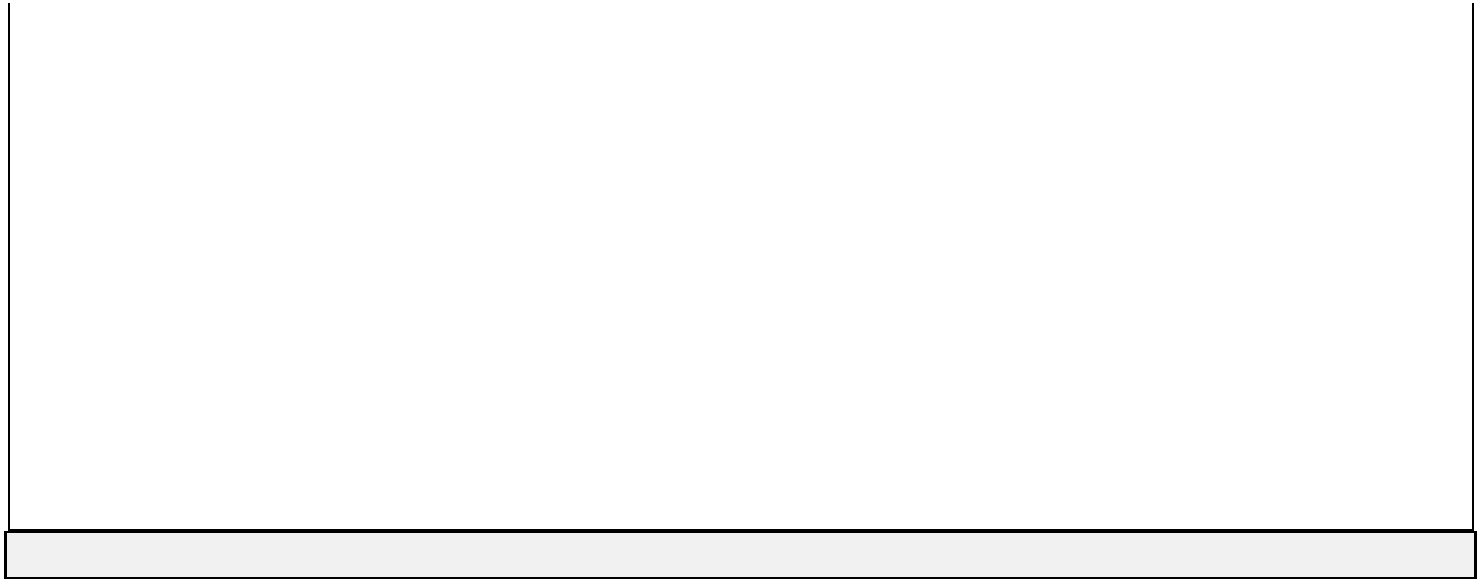
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Result	Allowable Limit	Commentary

Comments



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Attended	Yes	Attended	Yes	Leq	Leq	Attended	Yes

Comments

L1: 13 Oliver way (Rustling of the palm trees, wind was close to 16km/h)
L2: 3 Robert Rd (Heavy traffic coming from castle hill road - trucks passing constantly)

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:
Condition L2 - Concentration Limits
Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
CHB: L2	1	Leq	Attended	Yes	58.9	58.9	55	CHB: L3
1	64.4	Leq	CHB: L1	1	64.4	65	CHB: L4	1

Comments

VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:
Condition M6.5 - Complaints
Condition M7.1 - Other monitoring conditions

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
65.5	65.5	51.3	51.3	51*	60	Yes	pH	pH	Yes

Comments

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
Select...	SB1	TSS	mg/L	Select...	5	8	8..4	6.5	8.5

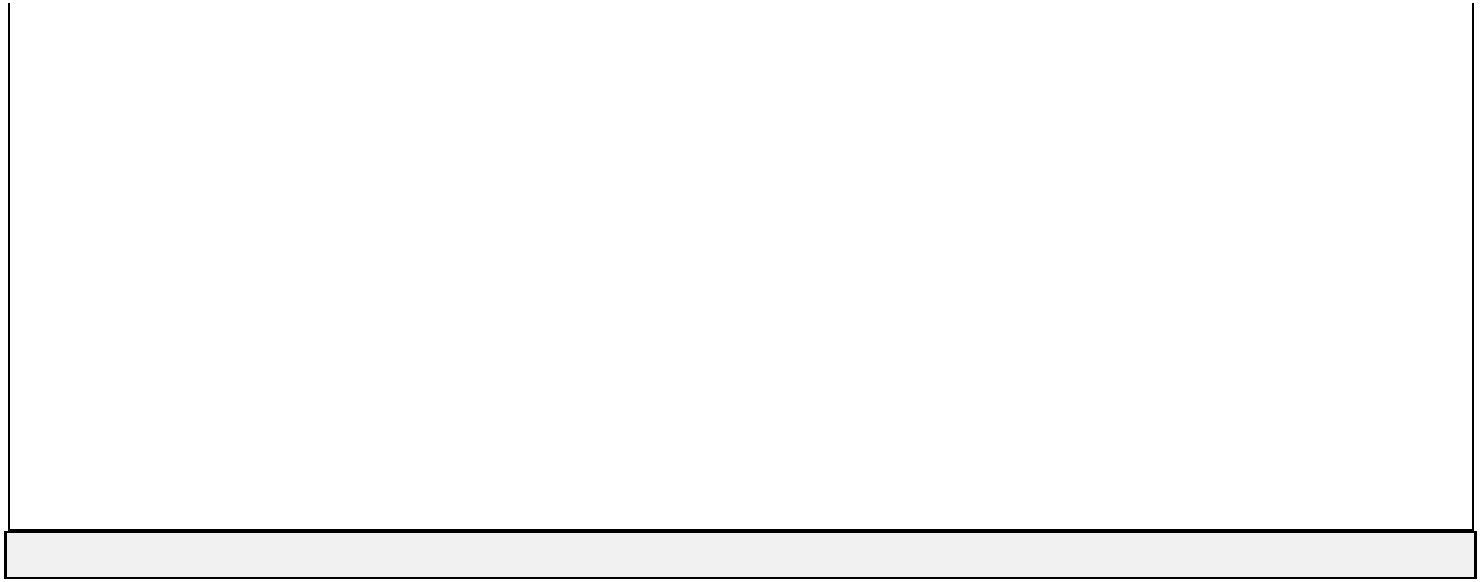
Comments

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
SB1	0	28	0	50					
5									

Comments

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq))	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
		Select...	Select...	Select...	Select...	Select...		

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