

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: Rapid Transit Rail Facility	Month: February	Year: 2018

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)
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments No noise monitoring in February 2018							

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
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments No water monitoring in February 2018								

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
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments									
No vibration monitoring in February 2018									
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									
No air monitoring in February 2018									
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									
No correction logs in February 2018									
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									
No exceedances in February 2018									

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: <input type="text" value="Cudgegong Road Station to Rapid Transit Rail Facility"/>	Month: <input type="text" value="February"/>	Year: <input type="text" value="2018"/>

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)
<input type="text"/>	<input type="text"/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments <input type="text" value="No noise monitoring in February 2018"/>							

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
<input type="text"/>	<input type="text"/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments <input type="text" value="No water monitoring in February 2018"/>								

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
<input type="text"/>	<input type="text"/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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Comments
 No vibration monitoring in February 2018

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
 No air monitoring in February 2018

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
 No correction logs required in February 2018

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
 No exceedances in February

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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: <input type="text" value="Cudgegong Road Station"/>	Month: <input type="text" value="February"/>	Year: <input type="text" value="2018"/>

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)
<input type="text"/>	<input type="text"/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments <input type="text" value="No noise monitoring in February 2018"/>
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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
<input type="text"/>	<input type="text"/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments <input type="text" value="No water noise monitoring in February 2018"/>
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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
<input type="text"/>	<input type="text"/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments									
No vibration monitoring in February 2018									
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
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments									
No air monitoring in February 2018									
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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments									
No correction logs required in February 2018									
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	
<input type="text"/>	<input type="text"/>	<input type="text"/>	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Comments									
No exceedance in February 2018									

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: Kellyville Station to Rouse Hill Station	Month: February	Year: 2018

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)
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments No noise monitoring in February 2018							

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
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments No water monitoring in February 2018								

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
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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Comments
 No vibration monitoring in February 2018

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
 No air monitoring in February 2018

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
 No correction logs required in February 2018

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...					

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Comments
 No exceedances February 2018

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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:
Rouse Hill Station	February	2018

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)
L1	1	Attended	Yes	Leq	70.1	70.1	75
L2	1	Attended	Yes	Leq	52.8	52.8	75
L3	1	Attended	Yes	Leq	68.2	68.2	75
L4	1	Attended	Yes	Leq	53.7	53.7	75
L5	1	Attended	Yes	Leq	41.8	41.8	65
L6	1	Attended	Yes	Leq	43.8	43.8	53
L7	1	Attended	Yes	Leq	64	64	65
L8	1	Attended	Yes	Leq	31.8	31.8	58
L9	1	Attended	Yes	Leq	47.2	47.2	59
L10	1	Attended	Yes	Leq	48.9	48.9	52
L11	1	Attended	Yes	Leq	41	41	50
L12	1	Attended	Yes	Leq	60.9	60.9	53
L13	1	Attended	Yes	Leq	46.2	46.2	52

Comments

L1: Standard Hours. 74 Petal Parkway, The Ponds. Works occurring - Internal fit-out of station buildings, structural steel and cladding, install canopy and finishes, track material deliveries, landscape and surface finishing works.
Additional comments: Site Noise inaudible, Background noise is the dominate noise source consisted of traffic, birds callings and cicadas.

L2. Standard Hours. 44 Petal Parkway, The Ponds. Works occurring. Internal fit-out of station buildings, structural steel and cladding, install canopy and finishes, track material deliveries, landscape and surface finishing works Additional comments: Site noise inaudible, Construction work from 46 Petal Parkway, The Ponds dominate noise source.

L3. Standard Hours. 105 Schofields Road, Rouse Hill. Works occurring - Internal fit-out of station buildings, structural steel and cladding, install canopy and finishes, track material deliveries, landscape and surface finishing works. Additional comments: Site Noise inaudible, Background noise is the dominate noise source, traffic on Schofields Rd 60-85dB, when the road was quiet measured at 45dB.

L4. Standard Hours. 8 Resolution Place, Rouse Hill. Works occurring. Internal fit-out of station buildings, structural steel and cladding, install canopy and finishes, track material deliveries, landscape and surface finishing works.
Additional comments: Construction noise is inaudible, background noise is the dominate noise source - traffic 55-65dB.

L5. OOH. Night Hours. 72 Civic Way, Rouse Hill. Works occurring: Rouse Hill Drive and Windsor Road service location works.
Additional comments:
Background noise is the dominate noise source, Traffic on Civic way 50-60dB, shops closing up 52-60dB.

L6. OOH. Night Hours. 41 Civic Way, Rouse Hill. Works occurring: Rouse Hill Drive and Windsor Road service location works.
Additional comments:
Background noise is the dominate noise source, Traffic along Civic Way and a White hart drive 55-61.

L7. OOH. Night Hours. 812 Windsor Road, Rouse Hill. Works occurring: Rouse Hill Drive and Windsor Road service location works.
Additional comments: Construction noise is inaudible, Traffic on Windsor Road is the dominate noise source 65-87dB.

L8. OOH. Night Hours. 54 Terry Road, Rouse Hill. Works occurring: Rouse Hill Drive and Windsor Road service location works.
Additional comments: Construction noise is inaudible, Background traffic noise from Windsor rd 50-54dB.

L9. OOH. Night Hours. 2 McCombe Avenue , Rouse Hill. Works occurring: Rouse Hill Drive and Windsor Road service location works
Additional comments: Construction noise is inaudible. Background noise Traffic on Commercial Road 60-74dB
Generator/pump running from residential house 31-33dB.

L10. OOH. Night Works. 74 Petal Parkway, The Ponds. Works occurring: Rouse Hill Drive and Windsor Road service location works.
Additional comments: Construction noise is inaudible. Background noise traffic on Schofields Road 65-68dB.

L11. OOH. Night Works. 46 Petal Parkway, The Ponds. Works occurring: Rouse Hill Drive and Windsor Road service location works
Additional comments: Construction noise is inaudible. . Background noise traffic on Windsor Road clearly audible 55-60dB.

L12. OOH. Night Works. 101 Schofields Road, Kellyville Ridge. Works occurring: Rouse Hill Drive and Windsor Road service location works. Additional comments: Construction noise is inaudible. Background noise traffic on Schofields Road - 65-87

L13. OOH. Night Works. Night Works. 35 Waterford Street, Kellyville Ridge. Rouse Hill Drive and Windsor Road service location works. Additional comments: Construction noise is inaudible. Background noise traffic on Windsor Road 50-62dB.

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
		Select...	Select...	Select...				

Comments

No water monitoring required in February 2018.

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
 No vibration monitoring required in February 2018.

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
 No air monitoring required in February 2018.

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
 No correction logs required for February 2018.

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
 no exceedences for February 2018.

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:
Kellyville Station	February	2018

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)
KLV L1	1	Attended	Yes	Leq	53.6	53.6	58
KLV L2	1	Attended	Yes	Leq	60	60	58
Comments							
KLV L1: OOH Night Works. 1 Somerset Street, Stanhope Gardens. Works occurring: Jersey Barrier installation around Central Pier on Old Windsor Road. Additional comments: Noticeable construction noise - Minor sounds - hammer dropped, low humming of franna (48-52). Background noise is the dominate noise source, Traffic on Windsor Road constant 53-55, motorbike on Windsor Road 64. Very windy night with gusts 67							
KLV L2: OOH. Night Works. 1 Newbury Avenue, Stanhope Gardens. Works occurring: Jersey Barrier installation around Central Pier on Old Windsor Road. Additional comments: Noticeable construction noise Franna movements 50-56, chain clinking 57, setting up barriers 52-55. Construction noise is intermittent. Background noise it the dominate noise source. Heavy traffic on Windsor Road 60-75dB and Newbury Avenue 65-74 dB, Motorbikes on Windsor Road 55-75dB,trucks on road 66-70dB.							

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
KLV : Exca...	1	Yes	pH	pH	8.0	8.0	6.5	8.5
KLV Excav...	1	Yes	TSS	mg/L	12.0	12.0	0	50
Comments								
KLV Excavation pit from stormwater discharged on the 7th February 2018								

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
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments No vibration monitoring required for February 2018.									
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
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments No air monitoring required for February 2018.									
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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments No correction logs required for February 2018									
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	
<input type="text"/>	<input type="text"/>	<input type="text"/>	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Comments No exceedances for February 2018									

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: <input type="text" value="Bella Vista Station to Kellyville Station"/>	Month: <input type="text" value="February"/>	Year: <input type="text" value="2018"/>

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)
BTK L1	2	Attended	Yes	Leq	53.1	53.1	75
BTK L2	1	Attended	Yes	Leq	54.4	54.4	75
BTK L3	1	Attended	Yes	Leq	63.1	63.1	75
BTK L4	2	Attended	Yes	Leq	50.7	50.7	75
		Select...	Select...	Select...			

Comments

BTK L1. Standard hours. 19 Vanessa court, Glenwood . Works occurring: Viaduct works. Additional comments include: Background noise is the dominate noise source. Traffic on old Windsor road is the dominant noise source, Site noise is inaudible.

BTK L2. Standard Hours. 7, 19, 30. 32 Emmanuel Terrace, Glenwood. (Cul de sac) all next to each other . Works occurring: Viaduct works. Additional comments include: Background noise is the dominate noise source. Traffic along old Windsor road is the dominant noise source 64db, Dogs barking neighbouring homes 61db, Birds chirping in nearby trees 59db. Site noise is inaudible.

BTK L3. Standard Hours. 21 Balmoral road, Kellyville. Works occurring: Viaduct works. Additional comments include: Background noise is the dominate noise source. Cars passing balmoral road is the dominant noise source, Site noise inaudible

BTK L4. Standard Hours. 20 water stone crescent, Bella Vista. Works occurring: Bella vista station works - Scaffolding, manual handling, car park works. Additional comments include: Site Noise is audible, Non tonal reversing alarm on site vehicles is noticeable, manual handling and scaffolding works are audible. Resident cleaning property can be heard.

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
		Select...	Select...	Select...				

Comments
 No water monitoring required for February 2018

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
 No vibration monitoring required for February 2018

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
 No air monitoring required for February 2018

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
 No correction logs required for February 2018

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

<input type="text"/>	<input type="text"/>	<input type="text"/>	Select...	<input type="text"/>				
Comments								
No exceedences for February 2018.								

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:
Kellyville Station	February	2018

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)
KLV L1	1	Attended	Yes	Leq	53.6	53.6	58
KLV L2	1	Attended	Yes	Leq	60	60	58

Comments

KLV L1: OOH Night Works. 1 Somerset Street, Stanhope Gardens. Works occurring: Jersey Barrier installation around Central Pier on Old Windsor Road. Additional comments: Noticeable construction noise - Minor sounds - hammer dropped, low humming of franna (48-52). Background noise is the dominate noise source, Traffic on Windsor Road constant 53-55, motorbike on Windsor Road 64. Very windy night with gusts 67

KLV L2: OOH. Night Works. 1 Newbury Avenue, Stanhope Gardens. Works occurring: Jersey Barrier installation around Central Pier on Old Windsor Road. Additional comments: Noticeable construction noise Franna movements 50-56, chain clinking 57, setting up barriers 52-55. Construction noise is intermittent. Background noise it the dominate noise source. Heavy traffic on Windsor Road 60-75dB and Newbury Avenue 65-74 dB, Motorbikes on Windsor Road 55-75dB, trucks on road 66-70dB.

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
KLV : Exca...	1	Yes	pH	pH	8.0	8.0	6.5	8.5
KLV Excav...	1	Yes	TSS	mg/L	12.0	12.0	0	50

Comments

KLV Excavation pit from stormwater discharged on the 7th February 2018

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
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments No vibration monitoring required for February 2018.									
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
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments No air monitoring required for February 2018.									
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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments No correction logs required for February 2018									
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	
<input type="text"/>	<input type="text"/>	<input type="text"/>	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Comments No exceedances for February 2018									

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:
Norwest Station	February	2018

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)
NRW L1	1	Attended	Yes	Leq	50.9	50.9	75
NRW L2	2	Attended	Yes	Leq	53.9	53.9	75
NRW L3	3	Attended	Yes	Leq	59	59	75
Comments							
NRW L1: Standard Hours: 16 Evesham Court, Baulkham hills. Works occurring: Craneage, car park works, structural works. Additional comments: Site noise is inaudible. Background noise is the dominate noise source, Birds chirping in nearby trees are the dominant noise source.							
NRW L2: Standard Hours: 7-9 Plover Glenn, Baulkham Hills. Works occurring: Craneage, car park works, structural works. Additional comments: Site works are inaudible. Background noise is the dominate noise source, traffic along Norwest boulevard are all the dominant noise, whipper sniper and leaf blower being used at 7-9 Plover Glen.							
NRW L3: Standard Hours: OSR Hillsong college. Works occurring: Concrete pour. Additional comments: Coles car park constant traffic 70db, Norwest boulevard constant traffic 63db, Hillsong attendees passing by and talking 58db, Birds chirping Site noise inaudible over background noise							

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
NRW - Bro...	1	Yes	pH	pH	8.5	8.5	6.5	8.5
NRW - Bro...	1	Yes	TSS	mg/L	2.5	2.5	n/a	50

Comments

NRW - Brookhollow avenue, waterproofing test discharges on the 12th February 2018

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

No vibration monitoring required for February 2018

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

No air monitoring required for February 2018

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

No correction logs required for February 2018

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

No exceedances for February 2018

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:
Showground Station	February	2018

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. Leq (15min)	min value dB(A) for month	max value dB(A) for month	goals / targets dB(A)
SHW L1	1	Attended	Y	Leq	69.5	69.5	65.0
SHW L2	1	Attended	Y	Leq	75.1	75.1	>75.0
SHW L3	1	Attended	Y	Leq	81.4	81.4	>75.0
SHW L4	1	Attended	Y	Leq	69.2	69.2	>75.0
SHW L5	1	Attended	Y	Leq	79	79	65.0
SHW L6	1	Attended	Y	Leq	84.2	84.2	65.0
SHW L7	1	Attended	Y	Leq	61.9	61.9	65.0
SHW L8	1	Attended	Y	Leq	62.1	62.1	65.0
SHW L9	1	Attended	Y	Leq	66.3	66.3	65.0
SHW L10	1	Attended	Y	Leq	67.5	67.5	65.0
SHW L11	1	Attended	Y	Leq	69.5	69.5	65.0
SHW L12	1	Attended	Y	Leq	75.4	75.4	65.0
SHW L13	1	Attended	Y	Leq	61.0	61.0	65.0
SHW L14	1	Attended	Y	Leq	59.2	59.2	65.0

Comments:

SHW L1. OOH. Night works. 28 Carrington Road - Gemhill Cottage, Castle Hill. Works occurring: 3x Rockhammers - Sewer Works, roundabout Carrington and Middleton Rd. Additional comments: Rockhammers are the dominant noise source. Mitigation measures in place: Specific Notification, Verification Monitoring, Respite Offered, Alternative Accommodation Offered.

SHW L2 Standard Hours. 2 Middleton Avenue , Castle Hill. Works occurring: Rockhammering sewer works. Additional comments: Traffic west bound passing along Carrington road including buses, rockhammer is the dominant noise, respite 3h on and 1h off in accordance with EPL Condition L4.3 High Noise Impact works.

SHW L3 Standard Hours. 1 Middleton Avenue, Castle Hill. Works occurring: Rockhammering sewer trench right opposite monitoring location. Additional comments: Continuous traffic along Carrington Road. Construction rockhammering is the dominate noise. Mitigation measures in place: Specific notification, verification monitoring, respite 3h on and 1h off in accordance with EPL Condition L4.3 High Noise Impact works.

SHW L4 Standard Hours. 32 Carrington Road, Castle Hill. Works occurring: Cranage, applying footings in western plaza, basin rockhammering, car park scaffolding, Carrington road sewer works - excavator in use. Additional comments: 30T excavator in use during monitoring. Audible when loading material into small dumper. This is intermittent during monitoring period. Traffic is continuous and dominant over site wide noise behind noise panels. Specific notification, verification monitoring, respite 3h on and 1h off in accordance with EPL Condition L4.3 High Noise Impact works.

SHW L5 OOH. Night Work. 1 Middleton Avenue, Castle Hill. Works occurring: Rockhammering for ST1-ST4 Telstra utility works. Additional comments: Excavator with rockhammer 74-85db, Vac truck alone 72db. Mitigation measures include specific notification and verification monitoring.

SHW L6 OOH Night work. 1 Middleton Avenue, Castle Hill. Works occurring: Rockhammering and vac truck ST1-ST4 Telstra utility works. Additional comments: Rockhammering closer to 1 Middleton Avenue, excavator facing noise. Mitigation measures include specific notification and verification monitoring.

SHW L7: OOH Night works. 20 Carrington Road, Castle Hill. Works occurring: Asphaltting near Ashford Avenue. Additional comments: Asphaltting dominant noise source. Mitigation measures in place: Alternative accommodation provided but not taken on by all residents, noise monitoring, noise barriers, specific notifications and community agreement.

SHW L8: OOH. Night works. 32-34 Carrington Road, Castle Hill. Works occurring: ST1-ST4 excavating, rockhammering, laying conduits and backfilling. Additional comments: Excavator with rockhammer 62db, Continuous traffic Carrington road 69db, Manitou passing 70.6db. Mitigation measures include specific notification and verification monitoring.

SHW L9: OOH. Night works. 34 Carrington Road, Castle Hill. Works occurring: ST1-ST4 Telstra utility works. Additional comments: Excavator with bucket 58db, Traffic control car idling 55db, Vac truck 67db. Mitigation measures include specific notification and verification monitoring.

SHW L10. OOH. Night Works. 34 Carrington Road, Castle Hill. Works occurring: ST1-ST4 Telstra utility works, excavating, laying conduits, backfilling. Additional comments: Vac truck 67db , Rockhammer 72db. Mitigation measures include specific notification and verification monitoring.

SHW L11. OOH. Night Works. 1 Middleton Avenue, Castle Hill. Works occurring: ST-1 to ST-4. Setting up area, traffic controllers, 5t excavator with hammer alternating to bucket and vac truck, laying conduits and backfilling. Additional comments: Vac truck in use, constant traffic along Carrington Road. Rockhammering had not commenced at this stage. Mitigation measures include specific notification and verification monitoring.

SHW L12 OOH. Night Works. 1 Middleton Avenue, Castle Hill. Works occurring: ST-1 to ST-4 Telstra works. Additional comments: Excavator is the dominant noise source. Mitigation measures include specific notification and verification monitoring.

SHW L13. OOH Night works. 32-34 Carrington Road, Castle Hill. Works occurring: ST-1 to ST-4 Telstra works. Additional comments: Excavator and vac truck dominant noise source reading to 61db. Mitigation measures include specific notification and verification monitoring.

SHW L14 OOH. Night works. 14 Middleton Avenue, Castle Hill. Works occurring. ST1-ST4 Tekstra Utility Works - Rockhammering, laying conduits and the use of a vac truck. Additional comments: Cars passing, Bats rustling in the trees above, excavator is audible. Mitigation measures include specific notification and verification monitoring.

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	Unit of measurement	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
SHW SB	1	Y	pH	pH	7.6	8.4	6.5	8.5
SHW SB	1	Y	TSS	mg/L	5.1	9.7	0	50

Comments: SHW SB - DISCHARGES OCCURED ON THE; 1,7,23,28 February 2018

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
SHW SB	1	Y	Peak Particle Velocity	mm/s	4.45		5	n/a	n/a
SHW SB	1	Y	Peak Particle Velocity	mm/s	2.64		5	n/a	n/a
SHW SB	1	Y	Peak Particle Velocity	mm/s	3.07		5	n/a	n/a

Comments:

SHW V1: Standard Hours. 1 Middleton Avenue, Castle Hill. Works occurring. 1x rockhammer for sewer works

SHW V2: OOH. Night Woks. 28 Carrington Road, Castle Hill. Works occurring: 3x rockhammers for sewer works. (AM5) All additional mitigation measures were sought i.e Alternative accommodation and community agreement in place.

SHW V3: Standard Hours. 2 Middleton Avenue, Castle Hill. Works occurring: 3x rockhammers for sewer works. (AM5) All additional mitigation measures were sought i.e. Alternative accommodation and community agreement in place

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
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item Comments No air monitoring required for February 2018									
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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item Comments No correction logs required for February 2018									
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	
<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input checked="" type="checkbox"/> Insert item Comments No exceedances for February 2018.									

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:
Castle Hill Station	February	2018

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)
CSH L1 OOH	1	Attended	Yes	Leq	61.3	61.3	65
CSH L2 OOH	1	Attended	Yes	Leq	71.9	71.9	65

Comments

CSH L1 OOH: Night Hours. Old Northern Rd (gate), Castle Hill. Works occurring: Mobile crane operations. Additional comments: Hand tools audible, mobile crane was idling and waiting for lifting materials. Very quiet street. Mitigation measures: No crane horns, use 2 way radios only, implement high impact respite measures. Background noise: Other night works (non NRT) ongoing at the time of monitoring. Other contractors working for Castle Towers Redevelopment using Mobile crane, noise dominant.

CSH L2 OOH: Night Hours. Old Castle Hill Road, Castle Hill. Monitoring Location at access gate to the site. Works occurring: Mobile crane operations. Additional comments: NRT lighting tower audible; crane generator audible but tower crane not audible. LAF every second for 10 seconds: 71.9; 71.6; 60.5; 67.7; 68.9; 70.0; 61.8; 63.5; 65.1; 65.5
Background noise: Other night works (non NRT) ongoing at the time of monitoring approx. 20m away from monitoring point. Non-NRT third party 7t excavator was using tonal alarm, very loud 83dB, lighting tower operational.

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
		Select...	Select...	Select...				

Comments

No water monitoring required for February 2018

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
 No vibration monitoring required for February 2018

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
 No air monitoring required for February 2018

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
 No correction logs required for February 2018

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
 No exceedences for February 2018

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	February	2018

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	73.9	73.9	77
CHB L2	1	Attended	Yes	Leq	49.2	49.2	63

Comments

CHB L1 OOH: Night hours. 21 Staley Court, West Pennant Hills. Works occurring included - Saw cutting of asphalt road. Additional comments include: Saw cutting activities ranged from 70dB up to 81.1dB - averaged 73.9dB. Less than 10 cars passed at 40km - little impact on monitoring. Traffic controllers were 2 hours late which pushed works commencement and saw cutting into shoulder period which is here assessed under evening criteria. Saw cutting activities were completed by 11pm.

CHB L2 OOH: Night Works. 2 Kayla Way, Cherrybrook. Works occurring included - Saw cutting of asphalt road. Additional comments include: Saw audible around 50dB. Background noise : Minimal background noise, no cars passing.

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 SB	1	Yes	pH	pH	7.1	7.1	6.5	8.5
CHB SB	1	Yes	TSS	mg/L	11.5	11.5	n/a	50
CHB SB	1	Yes	pH	pH	8.0	8.0	6.5	8.5
CHB SB	1	Yes	TSS	mg/L	10.2	10.2	n/a	50
CHB SB Ea...	1	Yes	pH	pH	8.2	8.2	6.5	8.5

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 SB Ea...	1	Yes	TSS	mg/L	11.5	11.5	n/a	50

Comments

CHB SB - Discharged on the 13/02/18
 CHB SB - Discharged on the 5/02/18
 CHB Eastern Basin - Discharged on the 01/02/18

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

No vibration monitoring required for February 2018

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

No air monitoring required for February 2018

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

No correction logs required for February 2018

EXCEEDANCES

Sample Date and Time	Monitoring location	Unit (eg Mg/L)	Result	Allowable Limit	Commentary

		Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)				
<input type="text"/>	<input type="text"/>	<input type="text"/>	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Comments								
No exceedances for February 2018								

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:
Cheltenham Service Facility	February	2018

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)
CSF L1	1	Attended	Yes	Leq	57.2	57.2	65
CSF L2	1	Attended	Yes	Leq	57.2	57.2	65
CSF L3	1	Attended	Yes	Leq	60.1	60.1	65

Comments

L1. Standard Hours. 1 Castle Howard Road, Beecroft. Works occurring: FRP Works, tower crane operating.
Additional comments: Construction noise is audible and prominent sound, continuous with some impulsive sounds - hammering.

L2. Standard Hours. 60 Castle Howard Rd, Beecroft. FRP Works, tower crane operating.
Additional comments: In response to a complaint. Noise recorded at 57.2 Leq. This result is under 65dB for our Specified noise limit

L3. Standard Hours. 226 Midson Rd, Beecroft. Works occurring: FRP Works, tower crane operating.
Additional comments: Hand tools and crane audible. Background traffic noise on M2 is the dominant noise.

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
		Select...	Select...	Select...				

Comments

No water monitoring required for February 2018.

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

No vibration monitoring required for February 2018.

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

No air monitoring required for February 2018.

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

No correction logs required for February 2018.

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

No exceedances for February 2018.

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:
Epping Service Facility	February	2018

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)
ESF L1	5	Attended	Y	Leq	53.9	60.0	65
ESF L2	2	Attended	Y	Leq	65.7	67.7	65
ESF L3	1	Attended	Y	Leq	49.9	49.9	65
ESF L4	1	Attended	Y	Leq	57.5	57.5	65
ESF L5	2	Attended	Y	Leq	53.3	54.1	65
ESF L6	2	Attended	Y	Leq	50.8	55.3	65
ESF L7	1	Attended	Y	Leq	48.5	48.5	65
ESF L8	1	Attended	Y	Leq	49.7	49.7	65
ESF L9	1	Attended	Y	Leq	53.3	53.3	65
ESF L10	2	Attended	Y	Leq	66.8	70.5	65
ESF L15	1	Attended	Y	Leq	53.5	53.5	65
ESF L17	1	Attended	Y	Leq	54.7	54.7	65
ESF L18	1	Attended	Y	Leq	59.5	59.5	75
ESF L19	1	Attended	Y	Leq	54.2	54.2	85
ESF L20	1	Attended	Y	Leq	54	54	79
ESF L21	1	Attended	Y	Leq	65.7	65.7	65
ESF L25	2	Attended	Y	Leq	52.5	52.5	49

ESF L1 OOH: Night Hours. 6 Ray Rd Epping. Works occurring: 13t excavator loafing trucks, hi rail truck transferring concrete from stub tunnel to ESF. Additional comments: Construction noise audible, Excavator audible. Some background traffic on Ray Rd and Beecroft Rd.

ESF L2 OOH. Night Hours. 74-76 Rawson St Epping. Works occurring: Hydrema unloading concrete at ESF. Additional comments: Windy weather and traffic on Beecroft Rd. Works not audible.

ESF L3 OOH Night Hours. 40 Cambridge St, Epping. Works occurring. Concrete removal- excavator and articulated trucks. Additional comments: Site noise not audible. Background noise audible, trains and road traffic.

ESF L4 OOH Night Hours. 12/10 Edensor St, Epping. Works occurring: Concrete removal - excavator and articulated trucks. Additional comments: Construction noise inaudible. Background noise audible, cars passing on rd and people talking in apartments.

ESF L5 Standard Hours. 10-12 Edensor St Epping. Works occurring: ECRL weekend stub tunnel excavation and material handling in the compound at ESF. Additional comments: Works not audible, Background noise audible - Continuous traffic on Beecroft Rd.

ESF L6 OOH. Night Works. 7 Kandy Av, Epping. Works occurring: Concrete rubble removal - excavator and articulated trucks. Additional comments: Works not audible, Background noise audible – Cars passing on road.

ESF L7 OOH. Night Works. 40 Cambridge Street, Epping. Works occurring. Concrete removal - excavator and articulated trucks. Additional comments: construction noise not audible. Background noise audible – trains.

ESF L8 OOH. Night Works. 6 Ray Rd, Epping. Works occurring: Concrete rubble removal - excavator and articulated trucks. Additional comments: Construction noise slightly audible. Background noise audible, Plane's flying over during sample, Birds chirping and crickets, Traffic on main Rd & Ray Rd 45 to 53db.

ESF L10 OOH. Night Works. Corner of Beecroft Rd & Carlingford Rd, Epping. Works occurring: Concrete removal - excavator and articulated trucks. Additional comments: Construction noise inaudible. Background noise audible - Traffic on main Rd and people at shops, Noisiest car was 90db

ESF L15 OOH Night Works. 13-15 Ray Rd Epping. Works occurring: Mobile crane operating to lift tower crane parts, semi trailers entering site, lowering tower crane parts onto semi trailer. Additional comments: Mobile crane operating at 52.9 dB, Mobile crane audible 53.1 dB.

ESF L17 OOH. Night Works. 24-32 Edensor St Epping. Works occurring: Tier crane dismantling, mobile crane operating. Additional comments: Construction noise inaudible. Background noise traffic on Beecroft Rd.

ESF L18 Standard Hours. 6 Ray Rd, Epping. Works occurring: Concrete deliveries and concrete pouring for service facility, tower crane not in use. Additional comments: Construction noise audible - Crane 58 dB, Horn 62 dB. Background noise audible - Freight train and passenger trains pass by, traffic on nearby roads, cockatoo chirping, aircraft noise.

ESF L19 Standard Hours. 13-15 Ray Rd Epping. Works occurring: Concrete luring, tower crane in use. Additional comments: Crane audible - other construction activities not audible during sample ,Crane winch at 59 dB. Background noise - Cars passing around 65 dB, Crickets, birds and people passing Compression breaks of trucks on Carlingford Rd 73 dB.

ESF L20 Standard Hours. 9 Edensor St, Epping. Works occurring: No works audible, some traffic on Edensor St. Additional comments: Construction noise is not audible

ESF L21 Standard Hours. 74 Rawson St, Epping. Works occurring: Works in the ESF box. Additional comments: Construction works not audible. Background noise audible - Heavy continuous traffic on Beecroft Rd

ESF L25 OOH. Night Works. 6-8 Edensor St Epping. Works occurring: No construction works on going related to ECRL or the facility at the Epping Services Facility during monitoring. Traffic on Beecroft Rd and Ray Rd. Additional comments: No works in the area at the time of monitoring. Traffic on Ray Rd and Beecroft Rd dominant source of noise.

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
		Select... ▼	Select... ▼	Select... ▼				

Insert item

Comments

No water monitoring required for February 2018

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... ▼	Peak Part ▼	Select... ▼					

Insert item

Comments

No vibration monitoring required for February 2018

VIBRATION MONITORING DATA

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

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... ▼					

Insert item

Comments

No air monitoring required for February 2018

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

Insert item

Comments

No correction logs required for February 2018

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... ▼					

Insert item

Comments

No exceedances for February 2018.