

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:	
<input type="text" value="Bella Vista Station to Kellyville Station"/>	<input type="text" value="August"/>	<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"/>	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"/>

Insert item

Comments

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... <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"/>

Insert item

Comments

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location		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"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

	Number of times monitored during the month								
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Comments
 NO VIBRATION MONITORING REQUIRED FOR AUGUST 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
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Comments
 NO AIR MONITORING REQUIRED FOR AUGUST 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
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Comments
 NO CORRECTION LOGS REQUIRED FOR AUGUST 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
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Comments
 NO EXCEEDANCES FOR AUGUST 2018

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DETAILS			
Location:	Month:	Year:	
<input type="text" value="Bella Vista Station"/>	<input type="text" value="August"/>	<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"/>	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="button" value="Insert item"/>							
Comments <input type="text" value="NO NOISE MONITORING FOR AUGUST 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... <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="button" value="Insert item"/>								
Comments <input type="text" value="NO WATER MONITORING FOR AUGUST 2018"/>								

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location	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"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

	Number of times monitored during the month								
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Comments
 NO VIBRATION MONITORING FOR AUGUST 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
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Comments
 NO AIR MONITORING FOR AUGUST 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
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Comments
 NO CORRECTION LOGS FOR AUGUST 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
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Comments
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DETAILS			
Location:	Month:	Year:	
Castle Hill Station <input type="button" value="v"/>	August <input type="button" value="v"/>	2018 <input type="button" value="v"/>	

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)
CH01	5	Continuou <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	67.0	70.9	65

Insert item

Comments
 Out of Hours Work: Verification monitoring took place on five(5) individual occasions at the following location:
 CH01
 The construction noise was found to be within the specified noise limit at CH01 during this monitoring period.
 It was noted that extraneous noise (traffic) was the dominate noise source where the Leq exceeded the target dB level.
 Construction noise was audible on two (2) occasions. Saw cutting was audible 58db, saw cutting was intermittent and only lasted for 15 /20 seconds at a time. Saw cutting was only audible only when traffic wasn't passing by on Old Northern Rd.
 Traffic was the dominate noise on all occasions during the monitoring period.

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... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>				

Insert item

Comments
 NO WATER MONITORING REQUIRED FOR AUGUST 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... <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 type="button" value="Insert item"/>									
Comments NO VIBRATION MONITORING REQUIRED FOR AUGUST 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... <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 type="button" value="Insert item"/>									
Comments NO AIR MONITORING REQUIRED FOR AUGUST 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 type="button" value="Insert item"/>									
Comments NO CORRECTION LOGS REQUIRED FOR AUGUST 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 type="button" value="Insert item"/>									
Comments NO EXCEEDANCES FOR AUGUST 2018									
<input type="button" value="Submit"/>									

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DETAILS			
Location:	Month:	Year:	
Cheltenham Service Facility <input type="button" value="v"/>	August <input type="button" value="v"/>	2018 <input type="button" value="v"/>	

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... <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"/>

Insert item

Comments

NO NOISE MONITORING REQUIRED FOR AUGUST 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... <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"/>

Insert item

Comments

NO WATER MONITORING REQUIRED FOR AUGUST 2018

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location		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"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

	Number of times monitored during the month								
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		Select... ▼	Select... ▼	Select... ▼					
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Insert item
Comments
 NO VIBRATION MONITORING REQUIRED FOR AUGUST 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
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		Select... ▼	Select... ▼	Select... ▼					
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Insert item
Comments
 NO AIR MONITORING REQUIRED FOR AUGUST 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
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Comments
 NO CORRECTION MONITORING REQUIRED FOR AUGUST 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
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			Select... ▼					
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Submit

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Project	Sydney Metro Northwest OTS Works		
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DETAILS			
Location:	Month:	Year:	
Cherrybrook Station <input type="button" value="v"/>	August <input type="button" value="v"/>	2018 <input type="button" value="v"/>	

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... <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="button" value="Insert item"/>							
Comments							
NO NOISE MONITORING REQUIRED FOR AUGUST 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... <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="button" value="Insert item"/>								
Comments								
NO WATER MONITORING REQUIRED FOR AUGUST 2018								

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location		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"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

	Number of times monitored during the month								
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		Select... ▼	Select... ▼	Select... ▼					
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Insert item
Comments
 NO VIBRATION MONITORING REQUIRED FOR AUGUST 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
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		Select... ▼	Select... ▼	Select... ▼					
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Comments
 NO AIR MONITORING REQUIRED FOR AUGUST 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
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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
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			Select... ▼					
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Insert item
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Submit

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DETAILS			
Location:	Month:	Year:	
Cudgegong Road Station <input type="button" value="v"/>	August <input type="button" value="v"/>	2018 <input type="button" value="v"/>	

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)
CR05	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	64.8	64.8	75
CR06	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	47.6	47.6	75

Comments

Standard Hours: Verification monitoring took place on two (2) individual occasions at the following locations: CR05, CR06. The Leq was found to be within the specified noise limit at all locations during this monitoring period. It was noted that extraneous noise was the dominate noise source. Traffic along Schofields Rd was the dominate noise source.

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... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>				

Comments

NO WATER MONITORING REQUIRED FOR AUGUST 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
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<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"/>				
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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
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<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"/>				
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Insert item
Comments
 NO AIR MONITORING REQUIRED FOR AUGUST 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
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<input type="text"/>									
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<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>				
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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:	
Cudgegong Road Station to Rapid Transit Rail Fac <input type="text"/>	August <input type="text"/>	2018 <input type="text"/>	

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... <input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Insert item							
Comments NO NOISE MONITORING REQUIRED FOR AUGUST 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... <input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Insert item								
Comments NO WATER MONITORING REQUIRED FOR AUGUST 2018								

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location	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"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

	Number of times monitored during the month								
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		Select... ▼	Select... ▼	Select... ▼					
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Insert item
Comments
 NO VIBRATION MONITORING REQUIRED FOR AUGUST 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
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		Select... ▼	Select... ▼	Select... ▼					
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Insert item
Comments
 NO AIR MONITORING REQUIRED FOR AUGUST 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
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Insert item
Comments
 NO CORRECTION LOGS REQUIRED FOR AUGUST 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
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			Select... ▼					
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Insert item
Comments
 NO EXCEEDANCES FOR AUGUST 2018

Submit

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="Epping Station"/>	Month: <input type="text" value="August"/>	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)
EP01	4	Attended	Yes	Leq	55.2	61.7	52
EP02	5	Attended	Yes	Leq	52.1	61	65
EP02 DAY	5	Attended	Yes	Leq	66.3	73.6	75
EP03	7	Attended	Yes	Leq	42.1	57	55
EP04	6	Attended	Yes	Leq	42.8	59.1	65
EP05	6	Attended	Yes	Leq	59.3	66.1	65
HS01	2	Attended	Yes	Leq	59.1	66.8	76
HS02	3	Attended	Yes	Leq	52.7	73.7	76
HS03	3	Attended	Yes	Leq	49.8	78.9	80
HS04	1	Attended	Yes	Leq	58.3	58.3	65
HS05	1	Attended	Yes	Leq	71.2	71.2	62

Insert item

Comments

Out of Hours Work: Verification monitoring took place on forty three (43) individual occasions at the following locations: EP01,EP02, EP03, EP04, EP05, HS01, HS02, HS03, HS04, HS05

The construction noise was found to be within the specified noise limit at all locations during the monitoring period.

It was noted that extraneous noise (traffic) was the dominate noise source where the Leq exceeded the target dB level.

Construction noise at EP01 was inaudible at this location during the monitoring period.

Construction noise at EP02 was audible on one (1) occasion. Reversing quacker was audible 47db, . Traffic was the dominate noise source.

Construction noise at EP02 DAY was audible on two (2) occasions. Crane idling 65dB, Drilling 66dB. Traffic passing on nearby streets 70 / 75dB.

Construction noise at EP03 was audible on one(1) occasion. Excavator 40/45dB. Traffic passing on nearby Streets is the dominate noise source 55/ 70dB.

Construction noise at EP04 was audible on one(1) occasion. Hand tools were heard intermittently 49/57dB. Extraneous noise is the dominate noise source, Traffic passing on nearby Street 55/66dB, Birds calling nearby 53/63dB.

Construction noise at EP05 was inaudible on each monitoring occasion. Extraneous noise is the dominate noise source, Traffic passing on Carlingford and Beecroft Rd is the dominate noise source 55/82dB.

Construction noise at HS01 was audible on two(2) occasions. Hi Rail machine moving ballast and reversing quacker 48/56 dB was audible. Extraneous noise present, Traffic from Pacific Hwy / Albert Ave 60/75dB, birds calling 69/83dB.

Construction noise at HS02 was audible on three(3) occasions. Hi Rail machine moving ballast and reversing quacker 48/75 dB was audible, tree clearing and mulching was audible 72/82db however this was non ECRL works. Extraneous noise present during monitoring period Birds calling 69/83db Traffic from pacific hwy

Construction noise is audible at HS03 on two(2) occasions. Concrete agi idling behind noise wall 53/54db Reversing quacker 54/ 55 dbdb Hand tools can be heard 54db, Hi rail egressing rail corridor 75dB.

Construction noise is audible at HS04 on one (1) occasion. Hand tools can be heard 50/51db intermittently for very short periods 5 to 10seconds at a time 2 Trucks entering site 65/70db Extraneous noise Traffic from pacific hwy and Anderson street 55/ 65db Birds chirping 52db

Construction noise is inaudible at HS05. Extraneous noise is the dominant noise source Traffic along pacific hwy is constant. 70/84 db

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 AUGUST 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... ▼					

Insert item

Comments

NO VIBRATION MONITORING REQUIRED FOR AUGUST 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... <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 type="checkbox"/> Insert item Comments NO AIR MONITORING REQUIRED FOR AUGUST 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 type="checkbox"/> Insert item Comments NO CORRECTION LOGS FOR AUGUST 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 type="checkbox"/> Insert item Comments NO EXCEEDANCES FOR AUGUST 2018									
<input type="button" value="Submit"/>									

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 to Rouse Hill Station	August	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)
		Select...	Select...	Select...			

Insert item

Comments
 NO NOISE MONITORING REQUIRED FOR AUGUST 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
		Select...	Select...	Select...				

Insert item

Comments
 NO WATER MONITORING REQUIRED FOR AUGUST 2018

VIBRATION MONITORING DATA

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

Monitoring location	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period

	Number of times monitored during the month								
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Comments
 NO VIBRATION MONITORING REQUIRED FOR AUGUST 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
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Comments
 NO AIR MONITORING REQUIRED FOR AUGUST 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
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Comments
 NO CORRECTION LOGS FOR AUGUST 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
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Comments
 NO EXCEEDANCES FOR AUGUST 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 <input type="text"/>	August <input type="text"/>	2018 <input type="text"/>	

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)
KV02	1	Attended <input type="text"/>	Yes <input type="text"/>	Leq <input type="text"/>	62.6	62.6	68
KV03	1	Attended <input type="text"/>	Yes <input type="text"/>	Leq <input type="text"/>	46.8	46.8	68
KV04	1	Attended <input type="text"/>	Yes <input type="text"/>	Leq <input type="text"/>	47.4	47.4	59
KV05	2	Attended <input type="text"/>	Yes <input type="text"/>	Leq <input type="text"/>	45.8	46.7	57

<input type="button" value="Insert item"/>
Comments
Out of Hours Work: Verification monitoring took place on Five (5) individual occasions at the following locations: KVE02,KVE03, KVE04, KVE05. The construction noise was found to be within the specified noise limit at all locations during this monitoring period. It was noted that extraneous noise (traffic) was the dominate noise source. Construction noise at KVE02 was inaudible on all occasions Construction noise at KVE03 was inaudible on all occasions Construction noise at KVE04 was audible. Line marker working 55-57 dB, Reversing quacker 44 dB, General humming of line marker 47 dB. Extraneous traffic was the dominate noise source. Construction noise at KVE05 was audible on one (1) occasion. Line marking 47dB. Extraneous traffic was the dominate noise source

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-D	3	Yes <input type="text"/>	pH <input type="text"/>	pH <input type="text"/>	7.6	8.4	6.5	8.5	
KVL-D	3	Yes <input type="text"/>	TSS <input type="text"/>	NTU <input type="text"/>	0	40	0	50	
KVL F	1	Yes <input type="text"/>	pH <input type="text"/>	pH <input type="text"/>	8.4	8.4	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
KVL F	1	Yes	TSS	NTU	10	10	0	50
KV03	1	Yes	pH	pH	8.4	8.4	6.5	8.5
KV03	1	Yes	TSS	NTU	50	50	0	50

Insert item

Comments

The sediment basins were discharged on the following dates: 2nd,5th, 14th,16th,17th August 2018.
Water quality criteria was met on all occasions.

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...					

Insert item

Comments

NO VIBRATION MONITORING FOR AUGUST 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...					

Insert item

Comments

NO AIR MONITORING FOR AUGUST 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 FOR AUGUST 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"/>	<input type="text"/>
<input type="checkbox"/> Insert item Comments NO EXCEEDANCES FOR AUGUST 2018								
<input type="button" value="Submit"/>								

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:	
<input type="text" value="Norwest Station"/>	<input type="text" value="August"/>	<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"/>	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="button" value="Insert item"/>							
Comments <input type="text" value="NO NOISE MONITORING FOR AUGUST 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... <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="button" value="Insert item"/>								
Comments <input type="text" value="NO WATER MONITORING FOR AUGUST 2018"/>								

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location		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"/>

	Number of times monitored during the month								
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Comments
 NO VIBRATION MONITORING FOR AUGUST 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
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Comments
 NO AIR MONITORING FOR AUGUST 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
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Comments
 NO CORRECTION LOGS FOR AUGUST 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
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Comments
 NO EXCEEDANCES FOR AUGUST 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:	
Rapid Transit Rail Facility <input type="button" value="v"/>	August <input type="button" value="v"/>	2018 <input type="button" value="v"/>	

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)
RT01	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	57.8	57.8	75
RT05	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	63.7	63.7	75

Comments

Standard Hours: Verification monitoring took place on two (2) individual occasions at RT01 & RT05. The Leq was found to be within the specified noise limit at the location during this monitoring period. It was noted that construction noise was inaudible at both locations. Traffic along Schofields Rd was the dominate noise source.

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... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>				

Comments

NO WATER MONITORING WAS REQUIRED FOR AUGUST 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... ▼					

Insert item
Comments
 NO VIBRATION MONITORING WAS REQUIRED FOR AUGUST 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... ▼					

Insert item
Comments
 NO AIR MONITORING WAS REQUIRED FOR AUGUST 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 AUGUST 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 AUGUST 2018

Submit

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 <input type="button" value="v"/>	August <input type="button" value="v"/>	2018 <input type="button" value="v"/>	

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)
CUD01	3	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	50.9	55.1	59
CUD02	3	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	64.4	68	61
CUD04	6	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	55.5	68.8	53
CUD05	6	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	56.6	68.7	52
CUD06	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	35.1	35.1	50

Comments

Out of Hours Work: Verification monitoring took place on Nineteen (19) individual occasions at the following locations: CUD01,CUD02, CUD04, CUD05, CUD06

The construction noise was found to be within the specified noise limit at all locations during this monitoring period. It was noted that extraneous noise (traffic) was the dominate noise source where the Leq exceeded the target dB level. Construction noise at CUD01 was audible on one (1) occasion. Saw cutting was audible 38/40db. Traffic was the dominate noise source.

Construction noise at CUD02 was audible on one (1) occasion. Saw cutting was audible 43/45db. Traffic was the dominate noise source.

Construction noise at CUD04 was inaudible on all occasions

Construction noise at CUD05 was inaudible on all occasions

Construction noise at CUD06 was inaudible on all occasions

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
RSH-E	1	Yes <input type="button" value="v"/>	pH <input type="button" value="v"/>	pH <input type="button" value="v"/>	7.8	7.8	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
RSH-E	1	Yes	TSS	NTU	45	45	0	50

Insert item

Comments

The sediment basin was discharged on the 15th August 2018.
 Water Quality Criteria was met prior to discharge.

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...					

Insert item

Comments

NO VIBRATION MONITORING REQUIRED FOR AUGUST 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...					

Insert item

Comments

NO AIR MONITORING REQUIRED FOR AUGUST 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 FOR AUGUST 2018

EXCEEDANCES

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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
<div style="display: flex; justify-content: space-between;">  Select. <input type="checkbox"/> </div>								
<input checked="" type="checkbox"/> Insert item Comments NO EXCEDANCES FOR AUGUST 2018								
<input type="button" value="Submit"/>								

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 <input type="button" value="v"/>	August <input type="button" value="v"/>	2018 <input type="button" value="v"/>	

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)
SG03	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	59.8	59.8	75
		Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>			

Comments

Standard Hours: Verification monitoring took place on one (1) individual occasion at the following location:
 SG03
 The construction noise was found to be within the specified noise limit at all locations during this monitoring period.
 It was noted that extraneous noise (traffic) was the dominate noise source.
 Construction noise is sightly audible during traffic respite.

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
SBB	1	Yes <input type="button" value="v"/>	pH <input type="button" value="v"/>	pH <input type="button" value="v"/>	8.3	8.3	6.5	8.5
SBB	1	Yes <input type="button" value="v"/>	TSS <input type="button" value="v"/>	NTU <input type="button" value="v"/>	48	48	0	50

Comments

The sediment basin was discharged on the 21st August 2018.
 Water quality discharge criteria was met.

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

Insert item

Comments

NO VIBRATION MONITORING REQUIRED FOR AUGUST 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... ▼					

Insert item

Comments

NO AIR MONITORING REQUIRED FOR AUGUST 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 AUGUST 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 AUGUST 2018

Insert item

Comments

NO EXCEEDANCES FOR AUGUST 2018

Submit

