

<b>EPL No.</b>	20544	<b>EPL Monitoring Data</b>	
<b>Project</b>	Sydney Metro Northwest OTS Works		
<b>EPL Weblink:</b>	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

<b>DETAILS</b>			
Location:	Month:	Year:	
Bella Vista Station to Kellyville Station <input type="button" value="v"/>	January <input type="button" value="v"/>	2019 <input type="button" value="v"/>	

<b>NOISE MONITORING DATA</b>							
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 checked="" type="checkbox"/> Insert item							
<b>Comments</b>							
No noise monitoring required for January 2019.							

<b>WATER MONITORING DATA</b>								
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 checked="" type="checkbox"/> Insert item								
<b>Comments</b>								
No water monitoring required for January 2019.								

<b>VIBRATION MONITORING DATA</b>									
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 January 2019.

**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 January 2019.

**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 for January 2019.

**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 January 2019.

**Submit**

<b>EPL No.</b>	20544	<b>EPL Monitoring Data</b>	
<b>Project</b>	Sydney Metro Northwest OTS Works		
<b>EPL Weblink:</b>	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

DETAILS		
Location:	Month:	Year:
<input type="text" value="Bella Vista Station"/>	<input type="text" value="January"/>	<input type="text" value="2019"/>

**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" value="BV01"/>	<input type="text" value="1"/>	<input type="text" value="Attended"/>	<input type="text" value="Yes"/>	<input type="text" value="Leq"/>	<input type="text" value="63.6"/>	<input type="text" value="63.6"/>	<input type="text" value="57"/>

Insert item

**Comments**

Out of Hours Work: Verification monitoring took place on one (1) individual occasions at the following location: BV01 NRT construction noise was found to be within the specified noise limit at this location during this monitoring period. It was noted that extraneous noise (traffic) was the dominate noise source 64dB - 74dB. NRT construction noise, hand tools were slightly audible (50dB -55dB) when traffic was not passing by.

**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"/>

Insert item

**Comments**

No water monitoring required for January 2019.

**VIBRATION MONITORING DATA**

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

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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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**Comments**  
 No vibration monitoring required for January 2019.

**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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**Comments**  
 No air monitoring required for January 2019.

**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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**Comments**  
 No correction logs for January 2019.

**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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<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>				
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**Comments**  
 No exceedances for January 2019.

<b>EPL No.</b>	20544	<b>EPL Monitoring Data</b>	
<b>Project</b>	Sydney Metro Northwest OTS Works		
<b>EPL Weblink:</b>	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

DETAILS			
Location:	Month:	Year:	
Castle Hill Station <input type="button" value="v"/>	January <input type="button" value="v"/>	2019 <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	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	55.2	74.2	77
CH02	2	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	65.6	66.3	51
CH04	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	53.4	53.4	41

Insert item

**Comments**

Out of Hours Work: Verification monitoring took place on eight (8) individual occasions at the following locations: CH01, CH02, CH04  
 NRT 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. Mitigation measures were implemented and alternate accommodation was offered to affected residents where the target dB was 65dB or greater during NRT construction work.

NRT construction noise at CH01 was audible on all monitoring occasions. Construction noise consisted of milling and re sheeting machinery, vibratory rollers and trucks operating, 69dB - 74dB. Extraneous noise was audible on all monitoring occasions, primarily consisting of traffic passing by 65db- 85dB.

NRT construction noise at CH02 and CH04 was inaudible on all monitoring occasions. Extraneous noise primarily consisted of traffic passing 70dB - 84dB

**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
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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
		Select... ▼	Select... ▼	Select... ▼				

Insert item  
**Comments**  
 No water monitoring required for January 2019.

**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 January 2019.

**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 January 2019.

**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 January 2019.

**EXCEEDANCES**

Unit	Result	Commentary

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	(eg Mg/L)		Allowable Limit	
<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="button" value="Insert item"/>								
<b>Comments</b> No exceedances for January 2019.								
<input type="button" value="Submit"/>								

<b>EPL No.</b>	20544	<b>EPL Monitoring Data</b>	
<b>Project</b>	Sydney Metro Northwest OTS Works		
<b>EPL Weblink:</b>	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

<b>DETAILS</b>			
Location:	Month:	Year:	
Cheltenham Service Facility <input type="button" value="v"/>	January <input type="button" value="v"/>	2019 <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)
CN01	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	51.7	51.7	75
CN02	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	59.5	59.5	75
CN03	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	58.3	58.3	75

Insert item

**Comments**

Standard Hours: Periodic monitoring took place on three (3) individual occasions at the following locations: CN01,CN02,CN03. The Leq was found to be within the specified noise limit at all locations during this monitoring period.  
 NRT construction noise was inaudible at the following monitoring location: CN01  
 NRT construction noise was audible and the dominate noise source at the following locations:CN02, CN03.  
 Construction noise consisted of machinery and excavators operating 55dB - 68dB.  
 Extraneous noise consisted of local traffic passing by 62ddb - 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
		Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>				

Insert item

**Comments**

No water quality monitoring required for January 2019.

**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 January 2019.

**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 quality monitoring required for January 2019.

**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 for January 2019.

**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 January 2019.

**Submit**

<b>EPL No.</b>	20544	<b>EPL Monitoring Data</b>	
<b>Project</b>	Sydney Metro Northwest OTS Works		
<b>EPL Weblink:</b>	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

DETAILS			
Location:	Month:	Year:	
Cherrybrook Station <input type="button" value="v"/>	January <input type="button" value="v"/>	2019 <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"/>							
<b>Comments</b>							
No noise monitoring required for January 2019.							

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
CBA	3	Yes <input type="button" value="v"/>	pH <input type="button" value="v"/>	pH <input type="button" value="v"/>	7.7	8.5	6.5	8.5
CBA	3	Yes <input type="button" value="v"/>	TSS <input type="button" value="v"/>	NTU <input type="button" value="v"/>	22	50	0	50
<input type="button" value="Insert item"/>								
<b>Comments</b>								
Sediment basin discharged on the following dates: 3rd,9th, 15th January 2019. EPL requirements 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			Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	

	Number of times monitored during the month	Event based monitoring (Y/N)						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 vibration monitoring required for January 2019.

**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 January 2019.

**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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Insert item  
**Comments**  
 No correction logs for January 2019.

**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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<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>				
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Insert item  
**Comments**  
 No exceedances for January 2019.

EPL No.	20544	<b>EPL Monitoring Data</b>	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

DETAILS			
Location:	Month:	Year:	
Cudgegong Road Station to Rapid Transit Rail Fac <input type="text"/>	January <input type="text"/>	2019 <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							
<b>Comments</b> No noise monitoring required for January 2019.							

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								
<b>Comments</b> No water monitoring required for January 2019.								

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 January 2019.

**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 January 2019.

**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 for January 2019.

**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 January 2019.

**Submit**

<b>EPL No.</b>	20544	<b>EPL Monitoring Data</b>	
<b>Project</b>	Sydney Metro Northwest OTS Works		
<b>EPL Weblink:</b>	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

DETAILS			
Location:	Month:	Year:	
Cudgegong Road Station <input type="button" value="v"/>	January <input type="button" value="v"/>	2019 <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"/>							
<b>Comments</b>							
No noise monitoring required for January 2019.							

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"/>								
<b>Comments</b>								
No water monitoring required for January 2019.								

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 January 2019.

**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 January 2019.

**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 for January 2019.

**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 January 2019.

**Submit**

<b>EPL No.</b>	20544	<b>EPL Monitoring Data</b>	
<b>Project</b>	Sydney Metro Northwest OTS Works		
<b>EPL Weblink:</b>	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

DETAILS			
Location: <input type="text" value="Epping Service Facility"/>	Month: <input type="text" value="January"/>	Year: <input type="text" value="2019"/>	

**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)
OOH EP02	1	Attended	Yes	Leq	55.1	55.1	65
OOH EP04	2	Attended	Yes	Leq	53.4	55.1	65
EP01	1	Attended	Yes	Leq	59.2	59.2	75
EP03	1	Attended	Yes	Leq	56.7	56.7	75
EP04	1	Attended	Yes	Leq	52.4	52.4	75

**Comments**

Out of Hours Work (OOH): Verification monitoring took place on three(3) individual occasions at the following locations: EP02, EP04.  
 NRT construction noise was found to be within the specified noise limit at all locations during this monitoring period.  
 Mitigation measures were implemented and alternate accommodation was offered to affected residents where the target dB was 65dB or greater during NRT construction work.  
 Extraneous noise was the dominate noise source during the monitoring period, primarily consisting of traffic 64dB - 67dB.  
 NRT construction noise was audible at all monitoring locations. Construction noise consisted of reversing quackers 44dB - 47dB, excavator operating 55dB, machinery operating 46dB - 52dB

Standard Hours: Periodic monitoring took place on three (3) individual occasions at the following locations: EP01,EP03,EP04.  
 The Leq was found to be within the specified noise limit at all locations during this monitoring period.  
 NRT construction noise was inaudible at all monitoring locations.  
 Extraneous noise was the dominate noise source primarily consisting of traffic passing 50dB - 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
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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
		Select... ▼	Select... ▼	Select... ▼				

Insert item

Comments

No water quality monitoring required for January 2019.

**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 January 2019.

**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 quality monitoring required for January 2019.

**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 January 2019.

**EXCEEDANCES**

Unit	Result	Commentary

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	(eg Mg/L)		Allowable Limit
<input type="text"/> <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="button" value="Insert item"/> <p><b>Comments</b></p> <p>No exceedances for January 2019.</p>							
<input type="button" value="Submit"/>							

EPL No.	20544	<b>EPL Monitoring Data</b>	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

DETAILS			
Location:	Month:	Year:	
<input type="text" value="Kellyville Station to Rouse Hill Station"/>	<input type="text" value="January"/>	<input type="text" value="2019"/>	

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"/>							
<b>Comments</b> <input type="text" value="No noise monitoring required for January 2019."/>							

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"/>								
<b>Comments</b> <input type="text" value="No water monitoring required for January 2019."/>								

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...

**Comments**  
 No vibration monitoring required for January 2019.

**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...

**Comments**  
 No air monitoring required for January 2019.

**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 January 2019.

**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...

**Comments**  
 No exceedances for January 2019.

<b>EPL No.</b>	20544	<b>EPL Monitoring Data</b>	
<b>Project</b>	Sydney Metro Northwest OTS Works		
<b>EPL Weblink:</b>	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

<b>DETAILS</b>			
Location:	Month:	Year:	
Kellyville Station <input type="button" value="v"/>	January <input type="button" value="v"/>	2019 <input type="button" value="v"/>	

<b>NOISE MONITORING DATA</b>							
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="checkbox"/> Insert item							
<b>Comments</b>							
No noise monitoring required for January 2019.							

<b>WATER MONITORING DATA</b>											
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	4	Yes <input type="button" value="v"/>	TSS <input type="button" value="v"/>	NTU <input type="button" value="v"/>	25	30	0	50			
KLV-D	4	Yes <input type="button" value="v"/>	pH <input type="button" value="v"/>	pH <input type="button" value="v"/>	7.5	8.4	6.5	8.5			
KLV-E	1	Yes <input type="button" value="v"/>	pH <input type="button" value="v"/>	pH <input type="button" value="v"/>	7.9	7.9	6.5	8.5			
KLV-E	1	Yes <input type="button" value="v"/>	TSS <input type="button" value="v"/>	NTU <input type="button" value="v"/>	30	30	0	50			
<input type="checkbox"/> Insert item											
<b>Comments</b>											
Sediment basin KLV-D and KLV-E were discharged on the following dates: 9th,10th, 15th January 2019. EPL requirements met prior to discharge.											

<b>VIBRATION MONITORING DATA</b>
Specific EPL licence monitoring conditions for vibration monitoring:
Condition M6.5 - Complaints

<b>Condition M7.1 - Other monitoring conditions</b>									
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"/>									
<b>Comments</b> No vibration monitoring required for January 2019.									
<b>AIR MONITORING DATA</b>									
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"/>									
<b>Comments</b> No air monitoring required for January 2019.									
<b>CORRECTION LOG</b>									
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"/>									
<b>Comments</b> No correction logs for January 2019.									
<b>EXCEEDANCES</b>									
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"/>									
<b>Comments</b> No exceedances for January 2019.									
<input type="button" value="Submit"/>									

EPL No.	20544	<b>EPL Monitoring Data</b>	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

DETAILS			
Location:	Month:	Year:	
<input type="text" value="Norwest Station"/>	<input type="text" value="January"/>	<input type="text" value="2019"/>	

**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 checked="" type="checkbox"/> Insert item							
<b>Comments</b> <input type="text" value="No noise monitoring required for January 2019."/>							

**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 checked="" type="checkbox"/> Insert item								
<b>Comments</b> <input type="text" value="No water monitoring required for January 2019."/>								

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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<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 vibration monitoring required for January 2019.

**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 January 2019.

**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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Insert item  
**Comments**  
 No correction logs for January 2019.

**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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<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>				
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Insert item  
**Comments**  
 No exceedances for January 2019.

EPL No.	20544	<b>EPL Monitoring Data</b>	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

DETAILS			
Location:	Month:	Year:	
<input type="text" value="Rapid Transit Rail Facility"/>	<input type="text" value="January"/>	<input type="text" value="2019"/>	

**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	Yes	Leq	52.3	52.3	75
RT02	1	Attended	Yes	Leq	47.2	47.2	75
RT03	1	Attended	Yes	Leq	56.8	56.8	75
RT04	2	Attended	Yes	Leq	57.1	57.1	75
RT05	2	Attended	Yes	Leq	37.7	45.6	75

**Comments**

Standard Hours: Periodic monitoring took place on seven (7) individual occasions at the following locations:RT01,RT02,TR03,RT04, RT05.  
 The Leq was found to be within the specified noise limit all locations during this monitoring period.  
 It was noted that extraneous noise (birds,insects and traffic) were the dominate noise source.  
 NRT construction noise was inaudible 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
<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 required for January 2019.

**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 January 2019.

**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 January 2019.

**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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Insert item

**Comments**

No correction logs for January 2019.

**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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<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... ▼	<input type="text"/>				
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Insert item

**Comments**

No exceedances for January 2019.



EPL No.	20544	<b>EPL Monitoring Data</b>	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

DETAILS			
Location:	Month:	Year:	
<input type="text" value="Rouse Hill Station to Cudgegong Road Station"/>	<input type="text" value="January"/>	<input type="text" value="2019"/>	

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"/>							
<b>Comments</b> <input type="text" value="No noise monitoring required for January 2019."/>							

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"/>								
<b>Comments</b> <input type="text" value="No water monitoring required for January 2019."/>								

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...

**Comments**  
 No vibration monitoring required for January 2019.

**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...

**Comments**  
 No air monitoring required for January 2019.

**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 January 2019.

**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...

**Comments**  
 No exceedances for January 2019.

<b>EPL No.</b>	20544	<b>EPL Monitoring Data</b>	
<b>Project</b>	Sydney Metro Northwest OTS Works		
<b>EPL Weblink:</b>	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

<b>DETAILS</b>			
Location:	Month:	Year:	
Rouse Hill Station <input type="button" value="v"/>	January <input type="button" value="v"/>	2019 <input type="button" value="v"/>	

<b>NOISE MONITORING DATA</b>							
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 checked="" type="checkbox"/> Insert item							
<b>Comments</b>							
No noise monitoring required for January 2019.							

<b>WATER MONITORING DATA</b>								
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 checked="" type="checkbox"/> Insert item								
<b>Comments</b>								
No water monitoring required for January 2019.								

<b>VIBRATION MONITORING DATA</b>									
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 January 2019.

**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 January 2019.

**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 January 2019.

**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 January 2019.

EPL No.	20544	<b>EPL Monitoring Data</b>	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	<a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&amp;id=20544&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		

**DETAILS**

Location:  Month:  Year:

**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	Yes	Leq	68	68	75

**Comments**

Standard Hours: Periodic monitoring took place on one (1) individual occasion at the following location: SG03. The Leq was found to be within the specified noise limit at the location during this monitoring period. It was noted that extraneous noise ( traffic ) was the dominate noise source 55db - 95dB. NRT construction noise was audible during the monitoring period. Construction noise consisted of an excavator operating intermittently between 55dbd - 59dB.

**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
SG-B	4	Yes	pH	pH	6.5	8.3	6.5	8.5
SG-B	4	Yes	TSS	NTU	22	50	0	50

**Comments**

Sediment basin was discharged on the following dates: 4th,7th,14th,30th January 2019. EPL requirements 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**

**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 January 2019.

**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 January 2019.

**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 January 2019.