

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:
Bella Vista Station	July	2017

**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)
BLV L1	1	Attended	Yes	Leq	76.3	76.3	75
BLV L2	1	Attended	Yes	Leq	72.9	72.9	75
BLV L2 OOH	4	Attended	Yes	Leq	66.1	70.5	75
BLV L3	1	Attended	Yes	Leq	45.6	45.6	75
BLV L4	1	Attended	Yes	Leq	58.8	58.8	75
BLV L5 OOH	1	Attended	Yes	Leq	57.7	57.7	65
BLV L6 OOH	4	Attended	Yes	Leq	66.3	69.9	75
BLV L7 OOH	4	Attended	Yes	Leq	45.6	62.7	62

Comments

Works occurring at Bella Vista Station during the standard hours monitoring included Service Building: Block work and installation of purlins from S&L City End: buttress topping slab, Brighton top coat setting to compressor plant room, SJV on cable trays, Star electrical running cables Country End: QRS cleaning up props, Axis plumbing working on upper terrace retaining wall east Grids 20-22, PO D 4 steel studs country end. Robsons: Prep for kerb Dig out for pipe A/A Fill precinct st B and compact Crusher Traffic control x 4 for kerb. Lay kerb from pit A1/6 to A1/5.

BLV L1: Standard Hours. 10 Swansea Court. Construction noise inaudible over the traffic along Old Windsor Road.

BLV L2: Standard Hours. 19 Vanessa court, Glenwood. Construction noise inaudible over the traffic along Old Windsor Road.

BLV L2: Out of Hours. (1) Evening Works. Works included Placing second layer of select, traffic control, posi truck spreading the select layer. Plane flying overhead. Quaker on posi track is noticeable when there is a break in the road traffic. Bus passing monitoring location at 9.42pm. Pedestrian walking at 9.42pm past monitoring location.

(2) Night Works. Works occurring included Smooth drum roller compacting second layer of select. Traffic control. Posi truck spreading the select material. Smooth drum roller 52.3dB(A) when there is a break in the traffic and the construction is noticeable. Car using its horn at 12.53pm.

(3) Evening Works. Works occurring included Asphaltting on Celebration Drive, sand blasting to remove line marking on Celebration Dr, traffic control. Truck horn at 9.34pm. Truck breaking at 9.35pm to turn onto Celebration Dr to deliver asphalt about 83dB(A). 54.2dB(A) from asphaltting activity when there was a break in the traffic. Sand blasting was for the first 5 minutes of the reading. Pedestrian talking when crossing at the lights. Idling traffic control truck can be heard and a soft hum from the asphalt paver when there is a break in the traffic. Construction noise is noticeable.

(4) Night Works. Works occurring included Asphaltting on Celebration Dr, traffic control, NRT labour adjusting screen fence. NRT staff using a grinder by the screen fence 11.46pm, smooth drum roller, bus past monitoring spot 11.47pm. Pedestrian talking on the phone walking past monitoring spot 11.47pm. Road traffic on Old Windsor Road the dominate noise source. Construction noise inaudible.

BLV L3: Standard Hours. 20 Waterstone Crescent, Bella Vista. Construction noise up to 50 dB(A). Excavator tracking 48dB(A). Leaves rustling from the trees and birds flying over. Hum from concrete agi truck can be heard. Construction noise is noticeable..

BLV L4: Standard Hours. 40 Balmoral Road, Kellyville. Attcal backhoe in Salini site. Scaffold tube noise from adjacent apartment construction site. Steel noises and other construction noises from adjacent sites. Cars driving along Balmoral Rd. Excavator tracking is noticeable along the celebration dr extension work area.

BLV L5: Out of Hours. 95 Brighton Drive, Glenwood. Night Works. Works included Profiling. Occasional local traffic on Brighton Drive, traffic from Old Windsor Road is the dominant noise source. Construction noise is noticeable.

BLV L6: Out of Hours. 6 Swansea Court, Glenwood. (1) Evening Works occurring included Placing second layer of select at the round about, survey, traffic control adjusting signs. Plane flying over head, vehicles driving past monitoring location. Construction noise is noticeable over road traffic.

(2) Night Works. Works occurring included Hauling and placing second layer of select at round about, traffic control. The reversing Quacker on a truck/moxy from the stockpile area is noticeable when there is no traffic on Old Windsor Road. You can faintly hear an excavator in the background loading a truck from the stockpile area when there is no traffic. Car used its horn at 12.31am when driving past monitoring location. Construction noise is noticeable.

(3) Evening Works. Works occurring included Traffic control adjusting signs, asphaltting on Celebration Dr. Traffic control truck 56.9dB(A). Road traffic is the dominate noise source. Construction noise is inaudible.

(4) Night Works. Works occurring included Asphaltting along Celebration Dr. Smooth drum roller and trucks are noticeable when there is a break in road traffic. Road traffic is the dominant noise source.

BLV L7: Out of Hours. 97 Brighton Drive, Bella Vista. (1) Night Works. Works occurring included Compacting second layer of select, pulling up asphalt with excavator and loading it into a moxy to haul into site, traffic control. A couple of cars going past monitoring spot. One moxy used to take the pulled up asphalt back into site. One water cart being moved into position to be used as a noise screen. Construction noise is noticeable.

(2) Night Works. Works occurring included Compaction and trimming of second layer of select at round about. Frogs calling and road traffic in background along Old Windsor Road are the dominant noise sources. Construction noise is inaudible.

(3) Night Works. Works occurring included Asphaltting on Celebration Dr. Trucks supplying asphalt to the paver. Trucks moving past monitoring point. 75dB(A) when truck started its engine next to monitoring point. Traffic is the dominant noise source. Construction noise is noticeable.

(4) Night Works. Works occurring included Asphaltting along Celebration Dr. Trucks delivering asphalt to the paver, road broom on bobcat cleaning excess asphalt. 58.0dB(A) when the bobcat with the road broom is cleaning it out, making banging noises. Truck accelerating 85.7dB(A) past monitoring location, smooth drum roller moving and compacting the asphalt construction noise is noticeable.

**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
BV-B	1	Yes	pH	pH	6.5	6.5	6.5	8.5
BV-B	1	Yes	TSS	mg/L	33	33	0	50

**Comments**

BV-B discharges on the 8th July 2017

**VIBRATION MONITORING DATA**

Specific EPL licence monitoring conditions for vibration monitoring:

Condition M6.5 - Complaints

Condition M7.1 - Other monitoring conditions

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

**Comments**

No vibration monitoring required in July 2017

**AIR MONITORING DATA**

Specific EPL licence monitoring conditions for air monitoring:

N/A

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

**Comments**

No air monitoring required in July 2017

**CORRECTION LOG**

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

**Comments**

No corrections required in July 2017

**EXCEEDANCES**

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

		Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)				
<input type="text"/>	<input type="text"/>	<input type="text"/>	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Comments</b> No exceedances in July 2017								

EPL No.	20544	<b>EPL Monitoring Data</b>	
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<b>DETAILS</b>		
Location:	Month:	Year:
Cherrybrook Station	July	2017

<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)
CHB L1	1	Attended	Yes	Leq	60	60	75
CHB L2	1	Attended	Yes	Leq	58.8	58.8	75
CHB L3	1	Attended	Yes	Leq	63.1	63.1	75

**Comments**

Works occurring included - Headwall formwork, Piling, platform slab works, deep excavations.

CHB L1: Standard Hours. Inala School Franklin Road, Cherrybrook. Traffic from Castle Hill Road is the dominant noise source. Construction noise can be heard intermittently during traffic respite periods

CHB L2: Standard Hours. 3 Roberts Road, Cherrybrook. Cars passing through Roberts road. Traffic from Castle Hill Road is the dominant noise source. Construction noise inaudible.

CHB L3: Standard Hours. 2 Glenhope Road, Cherrybrook. Traffic from Castle Hill Road is the dominant noise source. Construction noise is inaudible 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
SB1	4	Yes	pH	pH	7.97	8.44	6.5	8.5
SB1	4	Yes	TSS	mg/L	3	6	0	50

**Comments**

SB1 discharges on the 3rd and 10th July 2017

<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	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...					
<b>Comments</b> No vibration monitoring required in July 2017									
<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
		Select...	Select...	Select...					
<b>Comments</b> No air monitoring required in July 2017									
<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
<b>Comments</b> No corrections required in July 2017									
<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	
			Select...						
<b>Comments</b> No exceedances in July 2017									

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<b>Project</b>	Sydney Metro Northwest OTS Works		
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DETAILS		
Location: <input type="text" value="Cheltenham Service Facility"/>	Month: <input type="text" value="July"/>	Year: <input type="text" value="2017"/>

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

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

<b>Comments</b> <input type="text" value="No noise monitoring required in July 2017"/>
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WATER MONITORING DATA
Specific EPL licence monitoring conditions for water monitoring: Condition L2 - Concentration Limits Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
<input type="text"/>	<input type="text"/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

<b>Comments</b> <input type="text" value="No water monitoring required in July 2017"/>
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VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

	Select...	Select...	Select...						
<b>Comments</b>									
No vibration monitoring required in July 2017									
<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
		Select...	Select...	Select...					
<b>Comments</b>									
No air monitoring required in July 2017									
<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
<b>Comments</b>									
No corrections required in July 2017									
<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	
			Select...						
<b>Comments</b>									
No exceedances in July 2017									

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>		

<b>DETAILS</b>		
Location:	Month:	Year:
Castle Hill Station	July	2017

<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)
CSH L1 OOH	3	Attended	Yes	Leq	64.2	64.8	36

**Comments**

The works outside of standard work hours were to assess the impact level of the cranes and state what the background noise level would be at 5.30am, 6.15am and 6.40am.

CSH L1: Out of Hours. 325 Old Northern Road, Castle Hill.

At 5.30am measurement was taken when no construction activities were occurring. Monitoring undertaken to verify night noise level. The noise level at this time was Leq (15 min) was 64.8dB.

At 6.15am monitoring undertaken to determine noise level of 1 crane operating to assist in assessing OOHW request.

The measurement was taken again while 1 diesel tower crane was operational - no other construction activities occurring on site. Monitoring was paused during most instances of passing traffic though to note, the crane was the noticeable during traffic noise. No other construction activities occurring on site. The noise level during this time was Leq (15 min) was 64.2dB (i.e. less than the recorded background from 5:30am).

At 6.40am measurement was taken again while 2 diesel tower cranes were operational - no other construction activities were occurring on site. Monitoring was paused during most instances of passing traffic though to note, the cranes were the noticeable during traffic noise. Monitoring undertaken to determine noise level of 2 cranes operating to assist in assessing OOHW request. No other construction activities occurring on site. The noise level during this time was Leq (15 min) was 67.5dB (i.e. less than 5dB above the recorded background from 5:30am).

<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
SB1	1	Yes	pH	pH	8.39	8.39	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
SB1	1	Yes	TSS	mg/L	7	7	0	50

**Comments**

SB1 discharges occurred on the 14th July 2017

**VIBRATION MONITORING DATA**

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

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

**Comments**

No vibration monitoring required in July 2017

**AIR MONITORING DATA**

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

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

**Comments**

No air monitoring required in July 2017

**CORRECTION LOG**

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

**Comments**

No corrections required in July 2017

**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...						
<b>Comments</b>									
No exceedances in July 2017									

<b>EPL No.</b>	20544	<b>EPL Monitoring Data</b>	
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DETAILS		
Location: Cudgegong Road Station	Month: July	Year: 2017

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

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>

<b>Comments</b> No noise monitoring required in July 2017
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WATER MONITORING DATA
Specific EPL licence monitoring conditions for water monitoring: Condition L2 - Concentration Limits Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

<b>Comments</b> No water monitoring required in July 2017
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VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select...	<input type="text"/>	<input type="text"/>					

		<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>					
<b>Comments</b>									
No vibration monitoring required in July 2017									
<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" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>					
<b>Comments</b>									
No air monitoring required in July 2017									
<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
<b>Comments</b>									
No corrections required in July 2017									
<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	
<b>Comments</b>									
No exceedances in July 2017									

<b>EPL No.</b>	20544	<b>EPL Monitoring Data</b>	
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DETAILS		
Location: Epping Service Facility	Month: July	Year: 2017

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

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>

<b>Comments</b> No noise monitoring required in July 2017
--------------------------------------------------------------

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"/>

<b>Comments</b> No water monitoring required in July 2017
--------------------------------------------------------------

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

		Select...	Select...	Select...					
<b>Comments</b>									
No vibration monitoring required in July 2017									
<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
		Select...	Select...	Select...					
<b>Comments</b>									
No air monitoring required in July 2017									
<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
<b>Comments</b>									
No corrections required in July 2017									
<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	
			Select...						
<b>Comments</b>									
No exceedances in July 2017									

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:
Kellyville Station	July	2017

**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)
KVL L1	1	Attended	Yes	Leq	55.2	55.2	75
KVL L2	1	Attended	Yes	Leq	53.5	53.5	75
KVL L3	1	Attended	Yes	Leq	49.2	49.2	75
KVL L4	1	Attended	Yes	Leq	52.2	52.2	75
KVL L5	1	Attended	Yes	Leq	52.1	52.1	75
KVL L6	1	Attended	Yes	Leq	55.6	55.6	75
KVL L7 OOH	1	Attended	Yes	Leq	66.3	66.3	63

**Comments**

KVL L1: Standard Hours. 15 Kentwell Crescent, Kellyville. Works included earthworks, foundations substructure. Local traffic is dominant noise source. Nearby dogs barking. Construction noise was inaudible.  
 KVL L2: Standard Hours. 27 Roxburgh Crescent, Kellyville. Works included Excavators, rollers, trucks. Minor vibration noted. Traffic from Old Windsor Road was the dominant noise source. Construction noise inaudible.  
 KVL L3: Standard Hours. 16 Wenden Street, Kellyville. Works included Franna x1 at 150m. Multiple excavators and trucks 300m away. Nearest plant 150m away (franna). Construction noise noticeable from northern carpark only.  
 KVL L4: Standard Hours. 26 Bridget Place, Kellyville. Works included Multiple trucks and excavators in use at northern carpark approx 250m. Approx 250m to nearest works. Local resident generated noise- cars, door slam, talking. Sam Riley drive traffic dominant noise source. Construction noise inaudible.  
 KVL L5: Standard Hours. 30 Martens Street, Kellyville. Works included Earthworks at northern carpark nearest work area. Several hundred metres away. Construction noise inaudible. Kids in street yelling - background noise is the dominant noise source.  
 KVL L6: Standard Hours. 32 Bentwood Terrace, Kellyville. Works included Earthworks in northern carpark closest work. Multiple excavators and trucks. Works 300-400m away. Old Windsor road traffic noise dominant. Construction noise inaudible.  
 KVL L7: Out of Hours. Corner of Newbury Avenue and Old Windsor Road, Kellyville. Works included Non-destructive digging- vacuum x 1. Traffic noise could not be excluded from monitoring, dominant noise source. Construction noise inaudible.

**WATER MONITORING DATA**

Specific EPL licence monitoring conditions for water monitoring:

Condition L2 - Concentration Limits

Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
		Select...	Select...	Select...				

**Comments**

No water monitoring required in July 2017

**VIBRATION MONITORING DATA**

Specific EPL licence monitoring conditions for vibration monitoring:

Condition M6.5 - Complaints

Condition M7.1 - Other monitoring conditions

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

**Comments**

No vibration monitoring required in July 2017

**AIR MONITORING DATA**

Specific EPL licence monitoring conditions for air monitoring:

N/A

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

**Comments**

No air monitoring required in July 2017

**CORRECTION LOG**

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

**Comments**

No corrections required in July 2017

**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...					
<b>Comments</b>								
No exceedances in July 2017								

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:
Norwest Station	July	2017

**NOISE MONITORING DATA**

Specific EPL licence monitoring conditions for noise monitoring:

Condition L3.2 - Noise limits Condition

Condition L4.2 - Exemptions to standard working hours

Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends

Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights

Condition L4.6 - Additional works agreed outside of standard construction hours

Condition M6.5 - Complaints

Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
NRW L1	1	Attended	Yes	Leq	52.2	52.2	75
NRW L2	1	Attended	Yes	Leq	58.1	58.1	75
NRW L3	1	Attended	Yes	Leq	56.2	56.2	75

**Comments**

Works occurring at Norwest Station included FRP Works, demolition around station box and on Norwest boulevard between station box and road, electrical trench backfill by Wilkens

NRW L1: Standard Hours. 19 Jacqui Circuit, Baulkham Hills. Traffic from Norwest boulevard dominant noise source, slight background noise from residence and wildlife intermittently. Construction noise inaudible.

NRW L2: Standard Hours. 7-9 Plover Glenn, Baulkham Hills. Traffic from Norwest boulevard is the dominant noise source. 9 plover glen has their sprinkler running on their front lawn during the monitoring period. Residence can be heard intermittently talking whilst walking past. Resident unloading tools from car boot right in front. Overall, Background noise and traffic noise was the dominant noise source, Construction noise inaudible.

NRW L3: Standard Hours. Hillsong leadership college, Baulkham Hills. Norwest boulevard traffic, Norwest plaza car park traffic and Hillsong car park traffic all dominant sources of noise. Construction noise is inaudible. Intermittent background noise from wildlife and members of the community talking as they pass through Hillsong

**WATER MONITORING DATA**

Specific EPL licence monitoring conditions for water monitoring:

Condition L2 - Concentration Limits

Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
NRW A.S	1	Yes	pH	pH	8.46	8.46	6.5	8.5
NRW A.S	1	Yes	TSS	mg/L	3	3	0	50

**Comments**

Norwest Access Shaft discharges on the 27th July 2017

**VIBRATION MONITORING DATA**

Specific EPL licence monitoring conditions for vibration monitoring:

Condition M6.5 - Complaints

Condition M7.1 - Other monitoring conditions

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

**Comments**

No vibration monitoring required in July 2017

**AIR MONITORING DATA**

Specific EPL licence monitoring conditions for air monitoring:

N/A

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

**Comments**

No air monitoring required in July 2017

**CORRECTION LOG**

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

**Comments**

No corrections required in July 2017

**EXCEEDANCES**

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

**Comments**

No exceedances in July 2017



<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: Rouse Hill Station	Month: July	Year: 2017

**NOISE MONITORING DATA**

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

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Comments**  
 No noise monitoring required in July 2017

**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 TANK	1	Yes	pH	pH	8.4	8.4	6.5	8.5
RSH TANK	1	Yes	TSS	mg/L	15	15	0	50
RSH B-97	1	Yes	pH	pH	8.47	8.47	6.5	8.5
RSH B-97	1	Yes	TSS	mg/L	22	22	0	50
RSH SB1	1	Yes	pH	pH	8.38	8.38	6.5	8.5
RSH SB1	1	Yes	TSS	mg/L	32	32	0	50

**Comments**  
 RSH TANK discharges on the 11th July 2017  
 RSH Basin 97 discharges on the 14th July 2017  
 RSH SB1 discharges on the 17th July 2017

**VIBRATION MONITORING DATA**

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

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

**Comments**  
 No vibration monitoring required in July 2017

**AIR MONITORING DATA**

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

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

**Comments**  
 No air monitoring required in July 2017

**CORRECTION LOG**

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

**Comments**  
 No corrections required in July 2017

**EXCEEDANCES**

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

**Comments**  
 No exceedances in July 2017

<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:
Rapid Transit Rail Facility	July	2017

**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...			

**Comments**  
 No noise monitoring required in July 2017

**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
SB-1	2	Yes	pH	pH	8.45	8.47	6.5	8.5
SB-1	2	Yes	TSS	mg/L	18	21	0	50

**Comments**  
 SB-1 discharges on the 17th and 21st July 2017

**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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Select...	Select...	Select...						
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**Comments**  
No vibration monitoring required in July 2017

**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 in July 2017

**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 corrections required in July 2017

**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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**Comments**  
No exceedances in July 2017

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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:
Showground Station	July	2017

**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)
SHG L1	1	Attended	Yes	Leq	69.8	69.8	75

**Comments**

SHG L1: Standard Hours. 26 Carrington road - Dental Clinic, Castle Hill. 70-80m away from jack hammering. Traffic dominant noise source through Carrington road. Neighbours dog barking. During traffic respite site noise is at 53.9db. Pedestrians walking past talking. Intermittent noise from site slightly audible.

**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
SB-B	2	Yes	pH	pH	8.23	8.33	6.5	8.5
SB-B	2	Yes	TSS	mg/L	19	30	0	50

**Comments**

SB-B discharges on the 5th and 27th July 2017

**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
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	Number of times monitored during the month	Event based monitoring (Y/N)						Percentile Limit (eg 90th)	Percentile reporting period
		Select...	Select...	Select...					

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

**Comments**  
No vibration monitoring required in July 2017

**AIR MONITORING DATA**

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

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

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

**Comments**  
No air monitoring required in July 2017

**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 corrections required in July 2017

**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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**Comments**  
No exceedances in July 2017

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