# EPL Monitoring Data

**EPL No.** 20544  
**Project** Sydney Metro Northwest OTS Works  

## DETAILS

**Location:** Bella Vista Station to Kellyville Station  
**Month:** January  
**Year:** 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

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</tbody>
</table>

Comments:  

## WATER MONITORING DATA

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

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Comments:  

## VIBRATION MONITORING DATA

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

<table>
<thead>
<tr>
<th>Monitoring location</th>
<th>Event based monitoring (Y/N)</th>
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### AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:

N/A

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</tbody>
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**Comments**

No vibration monitoring required for January 2019.

### CORRECTION LOG

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<th>Sample Date and Time</th>
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**Comments**

No correction logs for January 2019.

### EXCEEDANCES

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**Comments**

No exceedances for January 2019.

Submit
**EPL No.** 20544  
**Project** Sydney Metro Northwest OTS Works  

### DETAILS

**Location:** Bella Vista Station  
**Month:** January  
**Year:** 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

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<tbody>
<tr>
<td>BV01</td>
<td>1</td>
<td>Yes</td>
<td>Yes</td>
<td>Leq</td>
<td>63.6</td>
<td>63.6</td>
<td>57</td>
</tr>
</tbody>
</table>

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

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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
**AIR MONITORING DATA**

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

**CORRECTION LOG**

No correction logs for January 2019.

**EXCEEDANCES**

No exceedances for January 2019.

No vibration monitoring required for January 2019.

No air monitoring required for January 2019.
EPL No. 20544  
Project: Sydney Metro Northwest OTS Works  
EPL Weblink: 

**DETAILS**

Location: Castle Hill Station  
Month: January  
Year: 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
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<tbody>
<tr>
<td>CH01</td>
<td>5</td>
<td>Attended</td>
<td>Yes</td>
<td>Leq</td>
<td>55.2</td>
<td>74.2</td>
<td>77</td>
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<tr>
<td>CH02</td>
<td>2</td>
<td>Attended</td>
<td>Yes</td>
<td>Leq</td>
<td>65.6</td>
<td>66.3</td>
<td>51</td>
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<tr>
<td>CH04</td>
<td>1</td>
<td>Attended</td>
<td>Yes</td>
<td>Leq</td>
<td>53.4</td>
<td>53.4</td>
<td>41</td>
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</tbody>
</table>

**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

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### WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:

**Condition L2 - Concentration Limits**
- 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: 


### VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:

**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: 
- Minimum Value: 
- Maximum Value: 
- Allowable Max: 
- Percentile Limit (eg 90th): 
- Percentile reporting period: 

No vibration monitoring required for January 2019.

### AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:

N/A

### CORRECTION LOG

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No correction logs for January 2019.

### EXCEEDANCES

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<tr>
<th>Unit</th>
<th>Result</th>
<th>Commentary</th>
</tr>
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<tr>
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No exceedances for January 2019.

Submit
EPL No. 20544  
Project: Sydney Metro Northwest OTS Works 
EPL WebLink: 

**DETAILS**

<table>
<thead>
<tr>
<th>Location:</th>
<th>Cheltenham Service Facility</th>
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</thead>
<tbody>
<tr>
<td>Month:</td>
<td>January</td>
</tr>
<tr>
<td>Year:</td>
<td>2019</td>
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**NOISE MONITORING DATA**

Specific EPL licence monitoring conditions for noise monitoring:
- Condition L3.2 - Noise limits Condition
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<tr>
<td>CN01</td>
<td>1</td>
<td>Yes</td>
<td>Yes</td>
<td>Leq</td>
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<td>CN02</td>
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<td>Yes</td>
<td>Yes</td>
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<td>59.5</td>
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<tr>
<td>CN03</td>
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<td>Yes</td>
<td>Leq</td>
<td>58.3</td>
<td>58.3</td>
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**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

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**Comments**


**VIBRATION MONITORING DATA**
**Specific EPL licence monitoring conditions for vibration monitoring:**

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**AIR MONITORING DATA**

Specific EPL licence monitoring conditions for air monitoring:

N/A

**CORRECTION LOG**

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**Comments**

No vibration monitoring required for January 2019.

No air quality monitoring required for January 2019.

No correction logs for January 2019.

No exceedances for January 2019.

Submit
### DETAILS

<table>
<thead>
<tr>
<th>Location:</th>
<th>Month:</th>
<th>Year:</th>
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<tbody>
<tr>
<td>Cherrybrook Station</td>
<td>January</td>
<td>2019</td>
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### NOISE MONITORING DATA

Specific EPL licence monitoring conditions for noise monitoring:
- Condition L3.2 - Noise limits Condition
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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

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<tbody>
<tr>
<td>CBA</td>
<td>3</td>
<td>Yes</td>
<td>pH</td>
<td>pH</td>
<td>7.7</td>
<td>8.5</td>
<td>6.5</td>
<td>8.5</td>
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<tr>
<td>CBA</td>
<td>3</td>
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<td>TSS</td>
<td>NTU</td>
<td>22</td>
<td>50</td>
<td>0</td>
<td>50</td>
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</tbody>
</table>

**Comments**

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

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<tr>
<th>Monitoring location</th>
<th>Parameter Measured</th>
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### AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
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- No correction logs for January 2019.

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- No exceedances for January 2019.
**EPL No.** 20544  
**EPL Monitoring Data**  
**Project** Sydney Metro Northwest OTS Works  

**DETAILS**

**Location:** Cudgegong Road Station to Rapid Transit Rail Facilities  
**Month:** January  
**Year:** 2019

**NOISE MONITORING DATA**

Specific EPL licence monitoring conditions for noise monitoring:
- Condition L3.2 - Noise limits Condition
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<th>goals / targets</th>
<th>Select...</th>
<th>Select...</th>
<th>Select...</th>
</tr>
</thead>
</table>

Comments


**WATER MONITORING DATA**

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

<table>
<thead>
<tr>
<th>Monitoring location</th>
<th>Number of times monitored during the month</th>
<th>Event based monitoring (Y/N)</th>
<th>Parameter measured</th>
<th>Units of measurement (mg/L, NTU, pH)</th>
<th>Minimum value for month</th>
<th>Maximum value for month</th>
<th>Allowable minimum limit</th>
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</thead>
</table>

Comments


**VIBRATION MONITORING DATA**

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

<table>
<thead>
<tr>
<th>Monitoring location</th>
<th>Event based monitoring (Y/N)</th>
<th>Parameter Measured</th>
<th>Unit of measurement</th>
<th>Min Value</th>
<th>Max Value</th>
<th>Allowable Max</th>
<th>Percentile Limit (eg 90th)</th>
<th>Percentile reporting period</th>
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<th>Select...</th>
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</thead>
</table>

Comments
### AIR MONITORING DATA

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

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<tr>
<th>Monitoring location</th>
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</tr>
</thead>
</table>

#### CORRECTION LOG

No correction logs for January 2019.

<table>
<thead>
<tr>
<th>Sample Date and Time</th>
<th>Monitoring location</th>
<th>Type of monitoring (noise, water etc)</th>
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<th>Unit (eg Mg/L)</th>
<th>Original result</th>
<th>Corrected Result</th>
<th>Date Corrected</th>
<th>Reasoning</th>
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</thead>
</table>

#### EXCEEDANCES

No exceedances for January 2019.
EPL No. 20544  
Project: Sydney Metro Northwest OTS Works  

**DETAILS**

**Location:** Cudgegong Road Station  
**Month:** January  
**Year:** 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

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</table>

**Comments**

### WATER MONITORING DATA

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

<table>
<thead>
<tr>
<th>Monitoring location</th>
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</table>

**Comments**

### VIBRATION MONITORING DATA

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

**Monitoring location**

<table>
<thead>
<tr>
<th>Event based monitoring (Y/N)</th>
<th>Parameter Measured</th>
<th>Unit of measurement</th>
<th>Min Value</th>
<th>Max Value</th>
<th>Allowable Max</th>
<th>Percentile Limit (eg 90th)</th>
<th>Percentile reporting period</th>
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</table>
No vibration monitoring required for January 2019.

**AIR MONITORING DATA**

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

<table>
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<th>Monitoring location</th>
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<th>Event based monitoring (Y/N)</th>
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</table>

No air monitoring required for January 2019.

**CORRECTION LOG**

No correction logs for January 2019.

<table>
<thead>
<tr>
<th>Sample Date and Time</th>
<th>Monitoring location</th>
<th>Type of monitoring (noise, water etc)</th>
<th>Event based monitoring (Y/N)</th>
<th>Parameter Measured (eg TSS, LAeq)</th>
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No exceedances for January 2019.
EPL No. 20544 EPL Monitoring Data

Project
Sydney Metro Northwest OTS Works

EPL Weblink:

DETAILS

Location: Epping Service Facility

Month: January Year: 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

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<th>Parameter eg. Laq (15min)</th>
<th>min value dB (A) for month</th>
<th>max value dB (A) for month</th>
<th>goals / targets dB(A)</th>
</tr>
</thead>
<tbody>
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<td>Leq</td>
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<td>65</td>
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<td>OOH EP04</td>
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<td>Yes</td>
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<td>55.1</td>
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<td>Yes</td>
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<td>Yes</td>
<td>Leq</td>
<td>52.4</td>
<td>52.4</td>
<td>75</td>
</tr>
</tbody>
</table>

Insert item

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

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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

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Comments

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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

<table>
<thead>
<tr>
<th>Monitoring location</th>
<th>Number of times monitored during the month</th>
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</table>

Comments
No vibration monitoring required for January 2019.

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**AIR MONITORING DATA**

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

<table>
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<th>Monitoring location</th>
<th>Number of times monitored during the month</th>
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Comments
No air quality monitoring required for January 2019.

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**CORRECTION LOG**

<table>
<thead>
<tr>
<th>Sample Date and Time</th>
<th>Monitoring location</th>
<th>Type of monitoring (noise, water etc)</th>
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Comments
No correction logs for January 2019.

---

**EXCEEDANCES**
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</table>

Comments

No exceedances for January 2019.

Submit
## 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

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</table>

**Comments**


## WATER MONITORING DATA

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

<table>
<thead>
<tr>
<th>Monitoring location</th>
<th>Number of times monitored during the month</th>
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**Comments**


## VIBRATION MONITORING DATA

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

<table>
<thead>
<tr>
<th>Monitoring location</th>
<th>Event based monitoring (Y/N)</th>
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</table>
**AIR MONITORING DATA**

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

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<tr>
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</table>

**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 |
<table>
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**EXCEEDANCES**

Sample Date and Time | Monitoring location | Type of monitoring (noise, water etc) | Event based monitoring (Y/N) | Parameter Measured (eg TSS, LAeq) | Unit (eg Mg/L) | Result | Allowable Limit | Commentary |
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</table>
EPL Monitoring Data

Project: Sydney Metro Northwest OTS Works

EPL Weblink: 

DETAILS

Location: Kellyville Station

Month: January  
Year: 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

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Comments

WATER MONITORING DATA

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

<table>
<thead>
<tr>
<th>Monitoring location</th>
<th>Number of times monitored during the month</th>
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<td>TSS</td>
<td>NTU</td>
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<td>30</td>
<td>0</td>
<td>50</td>
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<td>KLV-D</td>
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<td>Yes</td>
<td>pH</td>
<td>pH</td>
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<td>8.4</td>
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<td>pH</td>
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<td>7.9</td>
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<td>NTU</td>
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<td>30</td>
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Comments
Sediment basin KLV-D and KLV-E were discharged on the following dates: 9th, 10th, 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

<table>
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<tr>
<th>Monitoring location</th>
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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**

<table>
<thead>
<tr>
<th>Monitoring location</th>
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**Comments**

No air monitoring required for January 2019.

### CORRECTION LOG

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**Comments**

No correction logs for January 2019.

### EXCEEDANCES

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**Comments**

No exceedances for January 2019.

Submit
## EPL Monitoring Data

**Project:** Sydney Metro Northwest OTS Works  
**EPL No.:** 20544  

### DETAILS

<table>
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<tr>
<th>Location:</th>
<th>Month:</th>
<th>Year:</th>
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<td>Norwest Station</td>
<td>January</td>
<td>2019</td>
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</table>

### 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

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**Comments:**


### WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:

- **Condition L2** - Concentration Limits
- **Condition M2** - Requirement to monitor concentration of pollutants discharged

<table>
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**Comments:**


### VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:

- **Condition M6.5** - Complaints
- **Condition M7.1** - Other monitoring conditions

<table>
<thead>
<tr>
<th>Monitoring location</th>
<th>Event based monitoring (Y/N)</th>
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No vibration monitoring required for January 2019.

**AIR MONITORING DATA**

Specific EPL licence monitoring conditions for air monitoring:

N/A

<table>
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<th>Monitoring location</th>
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</table>

No air monitoring required for January 2019.

**CORRECTION LOG**

No correction logs for January 2019.

**EXCEEDANCES**

No exceedances for January 2019.

Submit
EPL No. 20544  
Project: Sydney Metro Northwest OTS Works

EPL Weblink:  

**DETAILS**

Location: Rapid Transit Rail Facility  
Month: January  
Year: 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

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<td>RT02</td>
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<td>Leq</td>
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<td>47.2</td>
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<tr>
<td>RT03</td>
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<td>56.8</td>
<td>75</td>
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<td>RT04</td>
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<td>57.1</td>
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<td>RT05</td>
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<td>37.7</td>
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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

<table>
<thead>
<tr>
<th>Monitoring location</th>
<th>Number of times monitored during the month</th>
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</table>

Comments
Standard Hours: Periodic monitoring took place on seven (7) individual occasions at the following locations: RT01, RT02, RT03, RT04, RT05.
The Leq was found to be within the specified noise limit at 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.


### VIBRATION MONITORING DATA

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

<table>
<thead>
<tr>
<th>Monitoring location</th>
<th>Number of times monitored during the month</th>
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</tr>
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</table>

No vibration monitoring required for January 2019.

### AIR MONITORING DATA

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

No air monitoring required for January 2019.

### CORRECTION LOG

<table>
<thead>
<tr>
<th>Sample Date and Time</th>
<th>Monitoring location</th>
<th>Type of monitoring (noise, water etc)</th>
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No correction logs for January 2019.

### EXCEEDANCES

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No exceedances for January 2019.
EPL Monitoring Data

Project: Sydney Metro Northwest OTS Works

EPL Weblink:

DETAILS

Location: Rouse Hill Station to Cudgegong Road Station
Month: January
Year: 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

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Comments

WATER MONITORING DATA

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

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Comments

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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### AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:

N/A

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**Comments**

No air monitoring required for January 2019.

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**Comments**

No correction logs for January 2019.

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**Comments**

No exceedances for January 2019.

Submit
### EPL Monitoring Data

**EPL No.** 20544  
**Project** Sydney Metro Northwest OTS Works  
**EPL Weblink:**  

#### DETAILS

<table>
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<tr>
<th>Location:</th>
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#### 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
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- Condition M7.1 - Other Monitoring Conditions

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Comments


#### WATER MONITORING DATA

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

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Comments


#### 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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Comments

No vibration monitoring required for January 2019.

**AIR MONITORING DATA**

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

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<tr>
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No air monitoring required for January 2019.

**CORRECTION LOG**

No correction logs for January 2019.

**EXCEEDANCES**

No exceedances for January 2019.

Submit
EPL No. 20544  
**EPL Monitoring Data**  
Project: Sydney Metro Northwest OTS Works  

## DETAILS

**Location:** Showground Station  
**Month:** January  
**Year:** 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
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<tr>
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<td>Yes</td>
<td>Yes</td>
<td>Leq</td>
<td>68</td>
<td>68</td>
<td>75</td>
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</tbody>
</table>

**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 dominant noise source 55dB - 95dB. NRT construction noise was audible during the monitoring period. Construction noise consisted of an excavator operating intermittently between 55dBD - 95dBD.

## WATER MONITORING DATA

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

<table>
<thead>
<tr>
<th>Monitoring location</th>
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<tr>
<td>SG-B</td>
<td>4</td>
<td>Yes</td>
<td>pH</td>
<td>pH</td>
<td>6.5</td>
<td>8.3</td>
<td>6.5</td>
<td>8.5</td>
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<td>NTU</td>
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<td>50</td>
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**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:

---

### AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:

N/A

### CORRECTION LOG

No correction logs for January 2019.

### EXCEEDANCES

No exceedances for January 2019.