



# Environmental Monitoring Data

Project: Sydney Metro City & Southwest– TSE Works

Document Number: SMCSWTSE-JCG-TPW-EM-RPT-097264

Reporting Period: May 2018

Date Published: 14 June 2018

## Document Approval

Rev.	Date	Prepared by	Reviewed by	Approved by	Remarks
01	14/06/18	D. Windnagel	R. Batch	R. Muir	For publication

## 1. Project Summary

The Sydney Metro City and Southwest is the second portion of the new standalone rail network known as the Sydney Metro which is Australia’s largest public transport infrastructure project and a priority rail project for the NSW Government. John Holland CPB Ghella (JHCPBG) have been contracted by Transport for New South Wales to design and construct the Tunnel and Stations Excavation Works Project (TSE Works) of the Sydney Metro City & Southwest between Chatswood and Sydenham. Figure 1 provides an overview of the Project.



Figure 1: Project Overview

## 2. Environmental Protection Licence and Reporting Requirements

John Holland Pty Ltd obtained the Environment Protection Licence (EPL No. 20971) from the NSW Environment Protection Authority for the Tunnel and Station Excavation (TSE) Works on behalf of the John Holland CPB Ghella (JHCPBG) Joint Venture. The licence is for construction works relating to Rail Systems Activities and Concrete Works as defined under Schedule 1 of the *Protection of the Environment Operations Act, 1997* (POEO Act).

The licence describes monitoring and reporting requirements for the TSE Works, and specifically provides discharge criteria for water treatment plant and sediment basin water quality. The following report details environmental monitoring undertaken during this reporting month conducted in accordance with the EPL.

The EPL can be found by following the link below to the EPA’s website:

<http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=124554&SYSUID=1&LICID=20971>

### **3. Discharge Water Monitoring**

Testing and discharge was undertaken during this reporting period. Table 1 contains the discharge monitoring results.

### **4. Noise and Vibration Monitoring**

Noise and vibration monitoring was undertaken during this reporting period. Table 2 contains the vibration monitoring results, and Table 3 contains the noise monitoring results.

Table 1: Water Monitoring Data.

Monitoring Point	Identifier <sup>1</sup>	Date Sampled	Event Based Monitoring (Y/N)	Parameter/ Criteria/ Measured Value			Comments
				pH (6.5 - 8.5)	Turbidity (<35 NTU)	Oil & Grease (None Visible)	
1	MD_01	05/05/2018	Y	7.2	5.58	Nil	WTP Commissioning. Discharge approved.
1	MD_01	09/05/2018	Y	7.2	6.58	Nil	WTP Commissioning. Discharge approved.
1	CDS_01	16/05/2018	Y	7.8	20	Nil	WTP commissioning. Discharge approved.
1	CDS_01	17/05/2018	Y	7.2	20	Nil	WTP commissioning. Discharge approved.
1	PS_02	23/05/2018	Y	8.1	7.1	Nil	Discharge approved.
1	PS_02	24/05/2018	Y	8.4	3.7	Nil	Discharge approved.
1	CDS_01	25/05/2018	Y	6.8	18.0	Nil	Discharge approved.
1	PS_02	28/05/2018	Y	8.4	16.1	Nil	Discharge approved.
1	CDS_01	28/05/2018	Y	7.5	25.0	Nil	Discharge approved.
1	CDS_01	28/05/2018	Y	7.3	20.0	Nil	Discharge approved.
1	PS_02	29/05/2018	Y	8.2	6.0	Nil	Discharge approved.
1	CDS_01	29/05/2018	Y	7.3	25.0	Nil	Discharge approved.
1	BL_02	31/05/2018	Y	8.1	14.7	Nil	Discharge approved.
1	MD_01	31/05/2018	Y	7.2	9.21	Nil	WTP Commissioning. Discharge approved.
1	CDS_01	31/05/2018	Y	8.4	30	Nil	WTP Commissioning. Discharge approved.

<sup>1</sup> As per discharge point identified in Sydney Metro City and Southwest Temporary Basin and Water Treatment Discharge Point Schedule

Table 2: Vibration Monitoring Data.

Monitoring location	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Measured Value (mm/s)	Goals / Targets (mm/s)	Comments
VC_04, 243 Miller Street (Internal), North Sydney.	01/05/2018	Attended	Y	0.77	7.50	TSE Works Compliant.
VC_04, 243 Miller Street (Internal), North Sydney.	01/05/2018	Attended	Y	0.83	7.50	TSE Works Compliant.
PS_03, 169 Castlereagh Street, Sydney.	04/05/2018	Attended	Y	0.13	7.50	TSE Works Compliant.
PS_03, 250 Pitt Street, Sydney.	04/05/2018	Attended	Y	0.39	7.50	TSE Works Compliant.
VC_07, 105 Miller Street, North Sydney.	08/05/2018	Attended	Y	2.53	7.50	TSE Works Compliant.
PS_03, 238 Pitt Street, Sydney.	11/05/2018	Attended	Y	1.1	25.00	TSE Works Compliant.
PS_03, Pitt Street North Site	15/05/2018	Attended	Y	1.33	7.50	TSE Works Compliant.

Table 3: Noise Monitoring Data

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
VC_04, 243 Miller Street, North Sydney.	01/05/2018	Attended	Y	LAeq 15 min	72.2	86	TSE Works Compliant.
VC_04, 243 Miller Street, North Sydney.	01/05/2018	Attended	Y	LAeq 15 min	74.6	86	TSE Works Compliant.
VC_04, 243 Miller Street, North Sydney (internal).	01/05/2018	Attended	Y	LAeq 15 min	51.5	60	TSE Works Compliant.
MP_03, 27 O'Connell Street, Sydney.	02/05/2018	Attended	Y	LAeq 15 min	71.4	90	TSE Works Compliant, Traffic Dominant Noise Source.
MDS_01, 185 Edgeware Road, Newtown.	02/05/2018	Attended	Y	LAeq 15 min	68.4	64	TSE works compliant. Traffic Dominant Noise Source. TSE Works Inaudible.
CDS_06, 344 Mowbray Road, Chatswood.	02/05/2018	Attended	Y	LAeq 15 min	72.5	82	TSE Works Compliant.
CDS_06, 344 Mowbray Road, Chatswood.	02/05/2018	Attended	Y	LAeq 15 min	70.7	82	TSE Works Compliant.
VC_07, 199 Miller Street, North Sydney.	02/05/2018	Attended	Y	LAeq 15 min	70.0	80	TSE Works Compliant.
VC_07, 199 Miller Street, North Sydney.	02/05/2018	Attended	Y	LAeq 15 min	67.5	80	TSE Works Compliant.
MP_03, 61-101 Phillip Street, Sydney.	02/05/2018	Attended	Y	LAeq 15 min	70.6	71	TSE Works Compliant.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
MP_01, 27-39 Castlereagh Street, Sydney.	02/05/2018	Attended	Y	LAeq 15 min	68.6	69	TSE Works Compliant.
VC_07, 199 Miller Street, North Sydney.	03/05/2018	Attended	Y	LAeq 15 min	65.5	70	TSE Works Compliant.
WS_03, 128 Wellington Street, Waterloo.	03/05/2018	Attended	Y	LAeq 15 min	69.8	82	TSE Works Compliant.
WS_03, 124 Wellington Street, Waterloo.	03/05/2018	Attended	Y	LAeq 15 min	74.8	82	TSE Works Compliant.
WS_03, 124 Wellington Street, Waterloo.	03/05/2018	Attended	Y	LAeq 15 min	76.4	82	TSE Works Compliant.
WS_02, 213 Cope Street, Waterloo.	03/05/2018	Attended	Y	LAeq 15 min	74.5	82	TSE Works Compliant.
BN_07, 26A Lime Street, Barangaroo.	03/05/2018	Attended	Y	LAeq 15 min	66.3	67	TSE Works Compliant.
MP_04, 50 Martin Place, Sydney.	03/05/2018	Attended	Y	LAeq 15 min	72.5	70	TSE works compliant. Non-TSE Works Dominant Noise Source.
MP_01, 165 Phillip Street, Sydney.	03/05/2018	Attended	Y	LAeq 15 min	68.1	69	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	69.9	92	TSE Works Compliant.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	66.3	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	73.5	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	79.8	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	78.9	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	80.5	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	79.4	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	80.0	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	78.0	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	78.7	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	78.5	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	77.0	92	TSE Works Compliant.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
CN_01, 545 Pacific Highway, Crows Nest.	03/05/2018	Attended	Y	LAeq 15 min	76.6	92	TSE Works Compliant.
BN_07, 26A Lime Street, Barangaroo.	04/05/2018	Attended	Y	LAeq 15 min	61.3	57	TSE Works Compliant, Traffic Dominant Noise Source.
MP_04, 50 Martin Place, Sydney.	04/05/2018	Attended	Y	LAeq 15 min	66.3	70	TSE Works Compliant.
MP_01, 165 Phillip Street, Sydney	04/05/2018	Attended	Y	LAeq 15 min	67.4	69	TSE Works Compliant.
VC_07, 105-153 Miller Street, North Sydney.	04/05/2018	Attended	Y	LAeq 15 min	63.4	82	TSE Works Compliant.
VC_07, 105-153 Miller Street, North Sydney.	04/05/2018	Attended	Y	LAeq 15 min	65.4	82	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	67.0	77	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	69.0	77	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	73.3	77	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	76.9	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	78.7	92	TSE Works Compliant.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	77.3	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	80.8	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	72.6	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	84.7	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	83.2	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	74.5	92	TSE Works Compliant.
CN_01, 545 Pacific Highway, Crows Nest.	04/05/2018	Attended	Y	LAeq 15 min	74.5	92	TSE Works Compliant.
MP_03, 66 Hunter Street, Sydney.	05/05/2018	Attended	Y	LAeq 15 min	66.2	70	TSE Works Compliant.
MP_04, 50 Martin Place, Sydney.	05/05/2018	Attended	Y	LAeq 15 min	65.4	70	TSE Works Compliant.
MP-01, 165 Phillip Street, Sydney.	05/05/2018	Attended	Y	LAeq 15 min	69.2	70	TSE Works Compliant.
MDS_03, 63-65 Goodsell Street, St Peters.	05/05/2018	Attended	Y	LAeq 15 min	57.5	58	TSE Works Compliant.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
CN_03, Cnr Hume Street and Clarke Street, Crows Nest.	07/05/2018	Attended	Y	LAeq 15 min	63.8	65	TSE Works Compliant.
CDS_06, 182-190 Hampden Road, Chatswood.	08/05/2018	Attended	Y	LAeq 15 min	59.9	67	TSE Works Compliant, Traffic Dominant Noise Source.
CDS_06, 117-119 Hampden Road, Chatswood.	08/05/2018	Attended	Y	LAeq 15 min	62.4	72	TSE Works Compliant, Traffic Dominant Noise Source.
MP_03, 64 - 66 Pitt Street, Sydney.	08/05/2018	Attended	Y	LAeq 15 min	66.2	71	TSE Works Compliant. Garbage Disposal Dominant Source of Noise Generation (non JHCPBG related)
MP_03, 2A Bligh Street, Sydney.	09/05/2018	Attended	Y	LAeq 15 min	71.3	71	TSE Works Compliant. Garbage Disposal Dominant Source of Noise Generation (non JHCPBG related)
MP_03, 2A Bligh Street, Sydney.	09/05/2018	Attended	Y	LAeq 15 min	61.6	71	TSE Works Compliant.
MP_03, 64 - 66 Pitt Street, Sydney.	09/05/2018	Attended	Y	LAeq 15 min	60.7	71	TSE Works Compliant.
PS_05, 308 Pitt Street, Sydney.	09/05/2018	Attended	Y	LAeq 15 min	75.9	76	TSE Works Compliant.
MP_03, 66 Hunter Street, Sydney.	09/05/2018	Attended	Y	LAeq 15 min	75.7	91	TSE Works Compliant.
MP_03, 2A Bligh Street, Sydney.	09/05/2018	Attended	Y	LAeq 15 min	73.6	71	TSE Works Compliant, Traffic Dominant Noise Source.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
MP_03, 64 - 66 Pitt Street, Sydney.	09/05/2018	Attended	Y	LAeq 15 min	63.9	60	TSE Works Compliant, Traffic Dominant Noise Source.
MP_03, 64 - 66 Pitt Street, Sydney.	09/05/2018	Attended	Y	LAeq 15 min	62.6	60	TSE Works Compliant, Traffic Dominant Noise Source.
PS_05, 308 Pitt Street, Sydney.	09/05/2018	Attended	Y	LAeq 15 min	74.6	76	TSE Works Compliant.
MP_03, 64 - 66 Pitt Street, Sydney.	10/05/2018	Attended	Y	LAeq 15 min	58.9	60	TSE Works Compliant.
CDS_06, 182 - 190 Hampden Road, Chatswood.	10/05/2018	Attended	Y	LAeq 15 min	64.6	67	TSE Works Compliant, Traffic Dominant Noise Source.
CDS_06, 344 Mowbray Road, Chatswood.	10/05/2018	Attended	Y	LAeq 15 min	69.1	75	TSE Works Compliant.
CDS_06, 182 - 190 Hampden Road, Chatswood.	10/05/2018	Attended	Y	LAeq 15 min	60.6	67	TSE Works Compliant.
VC_09, 39 McLaren Street, North Sydney.	10/05/2018	Attended	Y	LAeq 15 min	74.8	87	TSE Works Compliant.
CDS_06, 117 - 119 Hampden Road, Chatswood.	10/05/2018	Attended	Y	LAeq 15 min	66.3	72	TSE Works Compliant.
CDS_02, 552-554 Pacific Highway, Chatswood.	14/05/2018	Attended	Y	LAeq 15 min	75.1	80	TSE Works Compliant.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
VC_07, 199 Miller Street, North Sydney.	14/05/2018	Attended	Y	LAeq 15 min	73.8	84	TSE Works Compliant.
PS_05, 308 Pitt Street, Sydney.	14/05/2018	Attended	Y	LAeq 15 min	70.5	70	TSE Works Compliant, Traffic Dominant Noise Source.
PS_01, 343-357 Pitt Street, Sydney.	14/05/2018	Attended	Y	LAeq 15 min	66.4	70	TSE Works Compliant.
VC_07, 199 Miller Street, North Sydney.	15/05/2018	Attended	Y	LAeq 15 min	64.1	66	TSE Works Compliant.
PS_05, 308 Pitt Street, Sydney.	15/05/2018	Attended	Y	LAeq 15 min	71.5	70	TSE Works Compliant, Traffic Dominant Noise Source.
PS_01, 343-357 Pitt Street, Sydney.	15/05/2018	Attended	Y	LAeq 15 min	65.0	67	TSE Works Compliant.
VC_04, 237 Miller Street, North Sydney.	15/05/2018	Attended	Y	LAeq 15 min	71.6	89	TSE Works Compliant.
BN_02, 24 Munn Street, Millers Point.	15/05/2018	Attended	Y	LAeq 15 min	60.1	68	TSE Works Compliant.
MP_03, 61-01 Phillip Street, Sydney.	16/05/2018	Attended	Y	LAeq 15 min	67.9	60	TSE Works Compliant, Traffic Dominant Noise Source.
VC_04, 237 Miller Street, Vicoria Cross.	16/05/2018	Attended	Y	LAeq 15 min	69.2	73	TSE Works Compliant.
VC_04, 237 Miller Street, Vicoria Cross.	16/05/2018	Attended	Y	LAeq 15 min	68.3	89	TSE Works Compliant.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
MP_02, 17 Castlereagh Street, Sydney.	16/05/2018	Attended	Y	LAeq 15 min	66.8	70	TSE Works Compliant.
MP_01, 27-39 Castlereagh Street, Sydney.	16/05/2018	Attended	Y	LAeq 15 min	64.1	74	TSE Works Compliant.
VC_04, 237 Miller Street, North Sydney.	17/05/2018	Attended	Y	LAeq 15 min	65.5	73	TSE Works Compliant.
MP_02, 17 Castlereagh Street, Sydney.	17/05/2018	Attended	Y	LAeq 15 min	62.3	70	TSE Works Compliant.
MP_01, 27-39 Castlereagh Street, Sydney.	17/05/2018	Attended	Y	LAeq 15 min	61.4	62	TSE Works Compliant.
BN_03, 56 High Street, Millers Point.	17/05/2018	Attended	Y	LAeq 15 min	54.6	50	TSE Works Compliant, Traffic Dominant Noise Source.
BN_03, 75 Kent Street, Millers Point.	17/05/2018	Attended	Y	LAeq 15 min	49.6	50	TSE Works Compliant.
BN_07, 26A Lime Street, Barangaroo.	17/05/2018	Attended	Y	LAeq 15 min	64.1	56	TSE Works Compliant, Traffic Dominant Noise Source.
CN_02, 39 Hume Street, Crows Nest.	17/05/2018	Attended	Y	LAeq 15 min	55.5	49	TSE Works Compliant, Traffic Dominant Noise Source.
CN_04, 376 Pacific Highway, Crows Nest.	17/05/2018	Attended	Y	LAeq 15 min	68.5	97	TSE Works Compliant.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
WS_03, 128 Wellington Street, Waterloo.	18/05/2018	Attended	Y	LAeq 15 min	70.5	85	TSE Works Complaint.
WS_02, 215 Cope Street, Waterloo.	18/05/2018	Attended	Y	LAeq 15 min	67.1	81	TSE Works Complaint.
PS_03, 169 Castlereagh Street, Sydney.	18/05/2018	Attended	Y	LAeq 15 min	71.4	62	TSE Works Compliant, Traffic Dominant Noise Source.
BN_02, 24 Munn Street, Millers Point.	18/05/2018	Attended	Y	LAeq 15 min	57.3	50	TSE Works Compliant, Traffic Dominant Noise Source.
CN_04, 376 Pacific Highway, Crows Nest.	18/05/2018	Attended	Y	LAeq 15 min	79.9	97	TSE Works Compliant.
CN_02, 39 Hume Street, Crows Nest.	18/05/2018	Attended	Y	LAeq 15 min	58.6	79	TSE Works Compliant.
BN_07, 26A Lime Street, Barangaroo.	18/05/2018	Attended	Y	LAeq 15 min	66.9	56	TSE Works Compliant, Traffic Dominant Noise Source.
CN_02, 39 Hume Street, Crows Nest.	18/05/2018	Attended	Y	LAeq 15 min	49.4	64	TSE Works Compliant, Traffic Dominant Noise Source.
CN_04, 376 Pacific Highway, Crows Nest.	19/05/2018	Attended	Y	LAeq 15 min	70.7	73	TSE Works Compliant.
CN_02, 39 Hume Street, Crows Nest.	19/05/2018	Attended	Y	LAeq 15 min	53.9	64	TSE Works Compliant.
MDS_02, 358-360 Edgeware Road, Newtown.	21/05/2018	Attended	Y	LAeq 15 min	57.8	57	TSE Works Compliant, Traffic Dominant Noise Source.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
MDS_02, 358-360 Edgeware Road, Newtown.	21/05/2018	Attended	Y	LAeq 15 min	66.5	57	TSE Works Compliant, Traffic Dominant Noise Source.
MP_03, 61-101 Phillip Street, Sydney.	21/05/2018	Attended	Y	LAeq 15 min	68.8	66	TSE Works Compliant, Traffic Dominant Noise Source.
BN_07, 26A Lime Street, Barangaroo.	21/05/2018	Attended	Y	LAeq 15 min	61.7	67	TSE Works Compliant, Traffic Dominant Noise Source.
BN_07, 26A Lime Street, Barangaroo	22/05/2018	Attended	Y	LAeq 15 min	59.3	57	TSE Works Compliant, Traffic Dominant Noise Source.
MP_03, 61-101 Phillip Street, Sydney.	22/05/2018	Attended	Y	LAeq 15 min	68.0	60	TSE Works Compliant, Traffic Dominant Noise Source.
WS_02, 219 Cope Street, Waterloo.	22/05/2018	Attended	Y	LAeq 15 min	62.6	62	TSE Works Compliant, Traffic Dominant Noise Source.
WS_02, 219 Cope Street, Waterloo.	22/05/2018	Attended	Y	LAeq 15 min	61.9	62	TSE Works Compliant.
VC_07, 199 Miller Street	22/05/2018	Attended	Y	LAeq 15 min	72.8	60	TSE Works Compliant, Traffic Dominant Noise Source.
MDS_02, 358-360 Edgeware Road, Newtown.	22/05/2018	Attended	Y	LAeq 15 min	61.3	57	TSE Works Compliant. Traffic dominant noise source. Works inaudible.
MP_03, 61-101 Phillip Street, Sydney.	22/05/2018	Attended	Y	LAeq 15 min	69.2	66	TSE Works Compliant, Traffic Dominant Noise Source.
MP_04, 144-146 Phillip Street, Sydney.	22/05/2018	Attended	Y	LAeq 15 min	64.7	81	TSE Works Compliant.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
MP_04, 8-12 Chifley Square, Sydney.	22/05/2018	Attended	Y	LAeq 15 min	74.5	103	TSE Works Compliant.
PS_05, 308 Pitt Street, Sydney.	23/05/2018	Attended	Y	LAeq 15 min	72.1	70	TSE Works Compliant, Traffic Dominant Noise Source.
MP_04, 8-12 Chifley Square, Sydney.	23/05/2018	Attended	Y	LAeq 15 min	71.5	88	TSE Works Compliant.
MP_04, 144-146 Phillip Street, Sydney.	23/05/2018	Attended	Y	LAeq 15 min	62.2	71	TSE Works Compliant.
MP_03, 61-101 Phillip Street, Sydney.	23/05/2018	Attended	Y	LAeq 15 min	68.2	60	TSE Works Compliant, Traffic Dominant Noise Source.
PS_05, 343 Pitt Street, Sydney.	23/05/2018	Attended	Y	LAeq 15 min	64.8	65	TSE Works Compliant.
MDS_02, 358-360 Edgeware Road, Newtown.	23/05/2018	Attended	Y	LAeq 15 min	64.3	57	TSE Works Compliant, Traffic Dominant Noise Source.
MDS_04, 4 Unwins Bridge Road, St Peters.	23/05/2018	Attended	Y	LAeq 15 min	71.6	58	TSE Works Compliant, Traffic Dominant Noise Source.
MDS_04, 76 Unwins Bridge Road, St Peters.	23/05/2018	Attended	Y	LAeq 15 min	73.0	58	TSE Works Compliant, Traffic Dominant Noise Source.
MP_01, 27-39 Castlereagh Street, Sydney.	23/05/2018	Attended	Y	LAeq 15 min	73.4	75	TSE Works Compliant.
MP_03, 61-101 Phillip Street, Sydney.	23/05/2018	Attended	Y	LAeq 15 min	70.0	66	TSE Works Compliant, Traffic Dominant Noise Source.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
MP_04, 8-12 Chifley Square, Sydney.	23/05/2018	Attended	Y	LAeq 15 min	74.7	78	TSE Works Compliant.
MP_02, 19 Castlereagh Street, Sydney.	23/05/2018	Attended	Y	LAeq 15 min	70.1	71	TSE Works Compliant.
MP_04, 8-12 Chifley Square, Sydney.	24/05/2018	Attended	Y	LAeq 15 min	71.5	86	TSE Works Compliant.
MP_04, 144-146 Phillip Street, Sydney.	24/05/2018	Attended	Y	LAeq 15 min	60.7	71	TSE Works Compliant.
MP_03, 61-101 Phillip Street, Sydney.	24/05/2018	Attended	Y	LAeq 15 min	66.6	60	TSE Works Compliant, Traffic Dominant Noise Source.
WS_02, 219 Cope Street, Waterloo.	24/05/2018	Attended	Y	LAeq 15 min	61.5	62	TSE Works Compliant.
MDS_02, 330 Edgeware Road, Newtown.	24/05/2018	Attended	Y	LAeq 15 min	66.4	57	TSE Works Compliant. Works Inaudible.
MDS_04, 4 Unwins Bridge Road, St Peters.	24/05/2018	Attended	Y	LAeq 15 min	72.2	69	TSE Works Compliant. Works Inaudible.
MDS_02, 330 Edgeware Road, Newtown.	24/05/2018	Attended	Y	LAeq 15 min	67.0	74	TSE Works Compliant.
MDS_02, 330 Edgeware Road, Newtown.	24/05/2018	Attended	Y	LAeq 15 min	66.7	74	TSE Works Compliant.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
MDS_04, 4 Unwins Bridge Road, St Peters.	24/05/2018	Attended	Y	LAeq 15 min	69.6	59	TSE Works Compliant. Works Inaudible.
BN_03, 75 Kent Street, Millers Point.	24/05/2018	Attended	Y	LAeq 15 min	50.5	55	TSE Works Compliant.
VC_07, 199 Miller Street, North Sydney.	24/05/2018	Attended	Y	LAeq 15 min	68.0	78	TSE Works Compliant.
VC_07, 15 Angelo Street, North Sydney.	24/05/2018	Attended	Y	LAeq 15 min	70.3	84	TSE Works Compliant.
VC_07, 199 Miller Street, North Sydney.	25/05/2018	Attended	Y	LAeq 15 min	64.9	66	TSE Works Compliant.
BN_03, 75 Kent Street, Millers Point.	25/05/2018	Attended	Y	LAeq 15 min	45.7	50	TSE Works Compliant.
CN_02, 39 Hume Street, Crows Nest.	25/05/2018	Attended	Y	LAeq 15 min	55.4	83	TSE Works Compliant.
CN_04, 368 Pacific Highway, Crows Nest.	25/05/2018	Attended	Y	LAeq 15 min	71.0	85	TSE Works Compliant.
CN_04, 368 Pacific Highway, Crows Nest.	25/05/2018	Attended	Y	LAeq 15 min	81.8	85	TSE Works Compliant.
CN_04, 368 Pacific Highway, Crows Nest.	26/05/2018	Attended	Y	LAeq 15 min	69.6	70	TSE Works Compliant.
CN_02, 39 Hume Street, Crows Nest.	26/05/2018	Attended	Y	LAeq 15 min	57.6	68	TSE Works Compliant.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
BN_01, 25A Hickson Road, Barangaroo.	28/05/2018	Attended	Y	LAeq 15 min	65.1	50	TSE Works Compliant, Traffic Dominant Noise Source.
BN_03, 30 High Street, Millers Point.	28/05/2018	Attended	Y	LAeq 15 min	52.8	50	TSE Works Compliant. Traffic / Local Renovations Dominant Noise Source(s)
PS_02, 27 Park Street, Sydney.	28/05/2018	Attended	Y	LAeq 15 min	77.8	79	TSE Works Compliant.
PS_02, 27 Park Street, Sydney.	28/05/2018	Attended	Y	LAeq 15 min	77.8	79	TSE Works Compliant.
VC_05, 237 Miller Street, North Sydney.	29/05/2018	Attended	Y	LAeq 15 min	77.0	78	TSE Works Compliant.
BN_03, 30 High Street, Barangaroo.	29/05/2018	Attended	Y	LAeq 15 min	51.3	45	TSE Works Compliant, Traffic Dominant Noise Source.
BN_03, 30 High Street, Barangaroo.	29/05/2018	Attended	Y	LAeq 15 min	51.3	45	TSE Works Compliant, Traffic Dominant Noise Source.
CN_03, 400 Pacific Highway, Crows Nest.	30/05/2018	Attended	Y	LAeq 15 min	72.6	88	TSE Works Compliant.
CN_01, 22 Clarke Street, Crows Nest.	30/05/2018	Attended	Y	LAeq 15 min	64.2	71	TSE Works Compliant.
CN_03, 400 Pacific Highway, Crows Nest.	30/05/2018	Attended	Y	LAeq 15 min	72.4	84	TSE Works Compliant.
CN_01, 22 Clarke Street, Crows Nest.	30/05/2018	Attended	Y	LAeq 15 min	56.6	84	TSE Works Compliant, Traffic Dominant Noise Source.

Monitoring location (Noise Catchment Area, Street, Suburb)	Monitoring Date	Attended or Continuous Monitoring	Event Based Monitoring (Y/N)	Parameter	Measured Value dB(A)	Goals / Targets dB(A)	Comments
CN_03, 400 Pacific Highway, Crows Nest.	31/05/2018	Attended	Y	LAeq 15 min	67.8	45	TSE Works Compliant, Traffic Dominant Noise Source.
PS_02, 27 Park Street, Sydney.	31/05/2018	Attended	Y	LAeq 15 min	67.3	60	TSE Works Compliant, Traffic Dominant Noise Source.
MDS_02, 358-360 Edgeware Road, Newtown.	31/05/2018	Attended	Y	LAeq 15 min	63.5	57	TSE Works Compliant, Traffic Dominant Noise Source.
MDS_02, 358-360 Edgeware Road, Newtown.	31/05/2018	Attended	Y	LAeq 15 min	59.7	57	TSE Works Compliant, Traffic Dominant Noise Source.
BN_01, 23 Barangaroo Avenue, Barangaroo.	31/05/2018	Attended	Y	LAeq 15 min	63.7	50	TSE Works Compliant, Traffic Dominant Noise Source.
BN_07, 26A Lime Street, Barangaroo.	31/05/2018	Attended	Y	LAeq 15 min	70.8	62	TSE Works Compliant, Traffic Dominant Noise Source.