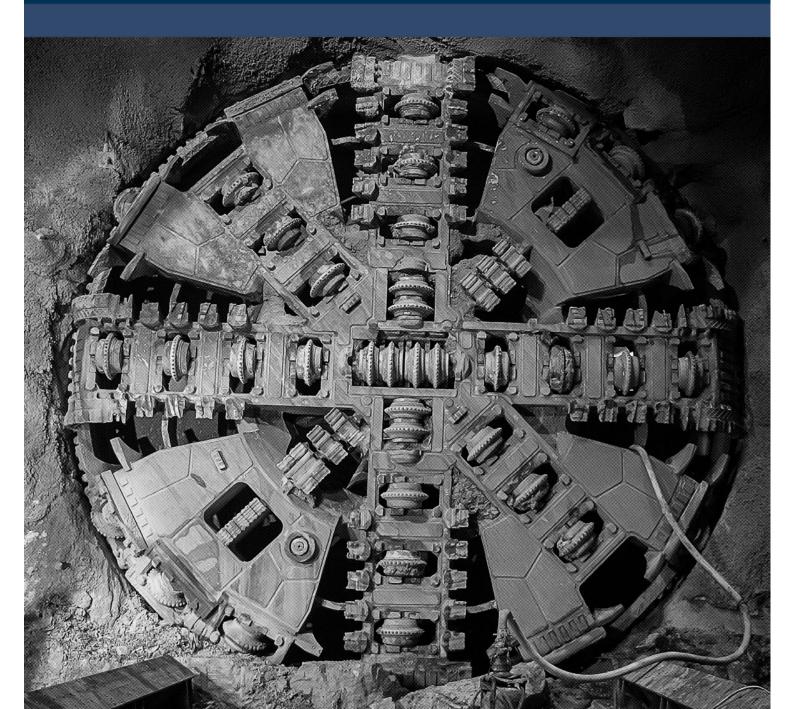


EPL 21784 POLLUTION MONITORING REPORT March 2024





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March 2024

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1. Introduction

1.1. Project overview

Sydney Metro West (SMW) is a new 24-kilometre metro line with nine new stations confirmed at Westmead, Parramatta, Sydney Olympic Park, North Strathfield, Burwood North, Five Dock, The Bays, Pyrmont, and Hunter Street in the Sydney CBD.

The planning process for Sydney Metro West was assessed as a staged infrastructure application under section 5.20 of the *Environment Planning and Assessment Act 1979 (EP&A Act)*.

Stage 1 of the development, the Sydney Metro West Concept and major civil construction work for Sydney Metro West between Westmead and The Bays (SSI-10038 Schedule 2), was approved on 11 March 2021 and includes:

- Construction and operation of new passenger rail infrastructure between Westmead and the central business district of Sydney, including:
 - Tunnels, stations (including surrounding areas) and associated rail facilities
 - Stabling and maintenance facilities (including associated underground and overground connections to tunnels)
- Modification of existing rail infrastructure, including stations and surrounding areas
- Ancillary development.

The Eastern Tunnelling Package (ETP or this Project) is addressed under the Stage 2 Planning Approval (SSI 19238057). This Project includes all major civil construction work including station excavation (at the Pyrmont Station and Hunter Street Station (Sydney CBD) construction sites) and tunnelling between The Bays and Sydney CBD (Figure 1).

It is noted that the existing Sydney Metro West precast facility at Eastern Creek will be utilised in the delivery of the ETP Works. The facility, which was assessed by Sydney Metro in a Review of Environmental Factors (REF) and approved on 11 March 2021, is outside of the scope of the SWMP.

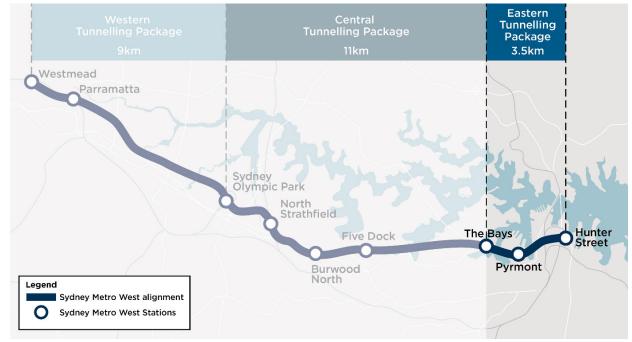


Figure 1: Sydney Metro West alignment



1.2. **Project Scope**

The ETP Works include design and construction of:

- Demolition of existing buildings at Pyrmont East and West shaft sites and at Hunter Street East and West shaft sites
- Tunnel Boring Machine (TBM) assembly, launch, tunnelling support from an existing shaft at The Bays
- Approximately 2.5 km twin underground eastbound and westbound bored railway tunnels between The Bays and Hunter Street and six cross passages spaced up to 500 metres apart
- Pyrmont Station excavation, including two shaft excavations, associated access adits and nozzle • enlargements, including temporary ground support and cast in situ cavern linings
- Excavation and lining of a mined crossover cavern to allow trains to cross from one track to the other
- Hunter Street station mined cavern excavation, including:
 - Two shaft excavations, associated access adits
 - Nozzle enlargements
 - Conversion of an existing temporary connection adit at Bligh Street linking Hunter Street Station to Martin Place Station into a permanent pedestrian connection linking the stations (including temporary ground support and cast in situ linings)
- A turnback extension tunnel, of approximately 675 metres, east of the Hunter Street Station works to • enable Sydney Metro train storage and to change tracks and travel direction (eastbound to westbound)
- TBM disassembly and retrieval from Hunter Street East.

1.3. Scope of this report

John Holland CPB Contactors Ghella (JCG) have been issued an Environmental Protection Licence (EPL No. 21784) from the NSW Environment Protection Authority (EPA) for the Sydney Metro West Eastern Tunnelling Package (ETP) Project.

The EPL applies to the works approved under the Infrastructure Approval SSI-19238057 associated with the delivery of the Sydney Metro West Eastern Tunnelling Package (ETP) Project.

This EPL Pollution Monitoring Report provides the results of all pollution monitoring required to be measured or monitored by the licensee of EPL 21784 as required by Section 66 of the Protection of the Environment Operations Act 1997 (POEO Act) and with reference to EPA Publication Requirements for publishing pollution monitoring data (Environment Protection Authority, 2013).

Table 1 provides a summary of the EPL 21784 details.

Table 1: Licence Details	
Licence Details	
Number	21784
Copy of Licence	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=266460&SYSUID=1&LICID=21784
Anniversary Date	16 March
Licensee	John Holland Pty Ltd
Premises	Sydney Metro West – Eastern Tunnelling Package
Scheduled Activity	Railway activities – railway infrastructure construction

Table 1: Licence Details



2. Reporting Requirements

Under the POEO Act, holders of environment protection licences (licensees) must publish or make pollution monitoring data available to members of the public.

The POEO Act Section 66 requires:

"66 Conditions requiring monitoring, certification or provision of information, and related offences

(1) Monitoring The conditions of a licence may require—

(a) monitoring by the holder of the licence of the activity or work authorised, required or controlled by the licence, including with respect to—

- (i) the operation or maintenance of premises or plant, and
- (ii) discharges from premises, and
- (iii) relevant ambient conditions prevailing on or outside premises,

and

(iv) anything required by the conditions of the licence, and

(b) the provision and maintenance of appropriate measuring and recording devices for the purposes of that monitoring, and

(c) the analysis, reporting and retention of monitoring data.

(2) False or misleading information A holder of a licence who supplies information, or on whose behalf information is supplied, to the appropriate regulatory authority under the conditions of the licence is guilty of an offence if the information is false or misleading in a material respect."

The primary objective of the pollution monitoring reporting requirements is that members of the public have access to the results of all pollution monitoring (which a licence specifies must be carried out) in a way that is meaningful to them. Data for the Sydney Metro West Eastern Tunnelling Package is presented on a monthly sampling period.

The monitoring data that must be published and/or made available on request is any data that is obtained as a result of a monitoring condition on a licence that relates to air, water (surface or groundwater), noise and/or land pollution. The data to be published or provided is limited to data that relates to pollutants generated, discharged or emitted from the licensed premises.

The data is provided in tabular format that is easy for the general public to understand. Tables definitively display raw data values, while graphs and charts are useful for overviews and visualisation of long-term trends. Raw data will be provided upon request.

An upfront note will be included on the licensee's website or in this report to explain why any data may appear to be missing because there is no discharge or the level of pollutant being below the detection level of the measurement instrument.

It is possible from time to time that incorrect data may be published in good faith. As soon as practicable after the licensee becomes aware that the published pollution monitoring data is incorrect or misleading, licensees must then publish a correction log to correct this data that is incorrect or misleading (refer to **Section 4**).



Table 1 provides a summary of the pollution monitoring requirements of EPL 21784.

- · · · ·		o (70 (- · · ·		
l able 1	EPL	21784	Pollution	Monitoring	Requirements

EPL Condition	Require	ment			Report Reference
Weather					
M5.1	The licens velocity a equivalen Monitoring a) be repr b) comme and c) continu and the si	Section 3.1 Appendix A3.1			
Noise			u.		I
L5.9	In underta under cor a) Prepar with the Ir i. a des constru ii. predi from the than the iii. a mo bounda that are predicte b) Undert condition	Section 3.2 Appendix B			
M4.4	The licens authorise must prov	N/A			
Water					
P1.1	purposes			tified in this licence for the ts for discharges of pollutants	Section 3.3
	EPA Identi- fication no.	Type of Monitoring Point	Type of Discharge Point	Location Description	
	1 2	Discharge & Monitoring Discharge & monitoring	Discharge & Monitoring Discharge & monitoring	Discharge from the Hunter St Station WTP to Sydney Harbour Discharge from the Eastern Creek Precast Facility sediment basin	
	3	Discharge & monitoring	Discharge & monitoring	Discharge from The Bays temporary WTP to White Bay	
	4	Discharge & Monitoring	Discharge & Monitoring	Discharge from the Pyrmont Station WTP to Sydney Harbour	
	5	Discharge & Monitoring	Discharge & Monitoring	Discharge from the Eastern Tunnelling Package Eastern Creek Precast Facility Water Treatment Plant into Ropes Creek	
	6 7	Discharge & Monitoring Discharge & Monitoring	Discharge & Monitoring Discharge & Monitoring	Discharge from The Bays Construction WTP to White Bay Discharge from Pyrmont East	
M2.1	number), analysis) must use	the licensee must mo the concentration of e	onitor (by sampling an each pollutant specifie I, units of measure, a	Surface Water Discharge ea specified below (by a point nd obtaining results by ed in Column 1. The licensee nd sample at the frequency,	Section 3.3

EASTERN TUNNELLING PACKAGE



EPL Condition	Req	uirement				Report Reference
M2.2	POINT	1				Section 3.3
		Pollutant	Units of measure	Frequency	Sampling Method	
		Ammonia	micrograms per litre	Monthly during	Grab sample	
		Arsenic	micrograms per litre	discharge Monthly during	Grab sample	
		Manganese	micrograms per litre	discharge Monthly during	Grab sample	
		Nitrogen (total)	micrograms per litre	discharge Monthly during	Grab sample	
		Oil and Grease	Visible	discharge Monthly during	Visual Inspection	
		рН	рН	discharge Daily during any	Probe	
		Phosphorus (total)	micrograms per litre	discharge Monthly during	Grab sample	
		TSS	milligrams per litre	discharge Monthly during discharge	Grab sample	
	POINT	2		uscharge		
		Pollutant	Units of measure	Frequency	Sampling Method	
		Oil and Grease	Visible	Special Frequency 1	Visual Inspection	
		pH	рH	Special Frequency 1	Probe	
		TSS	milligrams per litre	Special Frequency 1	Grab sample	
	POINT	3				
		Pollutant	Units of measure	Frequency	Sampling Method	
		Arsenic (III)	micrograms per litre	Monthly during discharge	Grab sample	
		Manganese	micrograms per litre	Monthly during discharge	Grab sample	
		Nitrate + nitrite (oxidised nitrogen)	micrograms per litre	Monthly during discharge	Grab sample	
		Oil and Grease	Visible	Monthly during discharge	Visual Inspection	
		рH	рН	Daily during any discharge	Probe	
		Phosphorus (total)	micrograms per litre	Monthly during discharge	Grab sample	
		TSS	milligrams per litre	Monthly during discharge	Grab sample	
	POINT	4				
		Pollutant	Units of measure	Frequency	Sampling Method	
		Aluminium	micrograms per litre	Monthly during discharge	Grab sample	
		Ammonia	micrograms per litre	Monthly during discharge	Grab sample	
		Arsenic (III)	micrograms per litre	Monthly during discharge	Grab sample	
		Cadmium	micrograms per litre	Monthly during discharge	Grab sample	
		Chromium (hexavalent)	micrograms per litre	Monthly during discharge	Grab sample	
		Cobalt	micrograms per litre	Monthly during discharge	Grab sample	
		Copper	micrograms per litre	Monthly during discharge	Grab sample	
		Iron	micrograms per litre	Monthly during discharge	Grab sample	
		Manganese	micrograms per litre	Monthly during discharge	Grab sample	
		Nitrate	micrograms per litre	Monthly during discharge	Grab sample	
		Nitrogen (total)	micrograms per litre	Monthly during discharge	Grab sample	
		Oil and Grease	Visible	Monthly during discharge	Visual Inspection	
		pН	pH	Daily during any discharge	Probe	
		Phosphorus (total)	micrograms per litre	Monthly during discharge	Grab sample	
		TSS	milligrams per litre	Monthly during discharge	Grab sample	
		Zinc	micrograms per litre	Monthly during	Grab sample	

EASTERN TUNNELLING PACKAGE



	uirement						Report Ref
POINT	5						
	Pollutant	Units of mea	sure	Frequency		ng Method	
	Oil and Grease	Visible		Monthly during discharge	Visual I	nspection	
	pН	pН		Daily during any	Probe		
	TSS	milligrams pe	r litre	discharge Monthly during discharge	Grab se	ample	
POIN	г 6						
	Pollutant	Units of Measure	50 Percentile	90 Percentile	3DGM	100 percentile	
			concentration limit	concentration limit	concentration limit	concentration limit	
	Aluminium	micrograms per litre				250	
	Ammonia	micrograms per litre				910	
	Arsenic	micrograms per litre				4.5	
	Cadmium	micrograms per litre				0.7	
	Chromium (hexavalent)	micrograms per litre				20	
	Cobalt	micrograms per litre				1.4	
	Copper	micrograms per litre				2	
	Iron	micrograms per litre				700	
	Lead	micrograms per litre				4.4	
	Manganese	micrograms per litre				1900	
	Mercury	micrograms per litre				0.1	
	Nickel	micrograms per litre				70	
	Nitrate	micrograms per litre				660	
	Nitrogen (total)	micrograms per litre				1,720	
	Oil and Grease	Visible				Not visible	
	рН	pН				7.0-8.5	
	Phosphorus (total)	micrograms per litre				140	
	TPH > C10-C40 (sum) Fraction	micrograms per litre				100	
	TSS	milligrams per litre				15	
	Zinc	micrograms per litre				15	
POIN	T 7						
	Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit	
	Oil and Grease	Visible				Not visible	
	pH	pH				7.0-8.5	
	TSS	milligrams per litre				50	



3. Monitoring

Section 3 presents a summary of the monitoring programs completed in the reporting period from 16 February 2024 – 15 March 2024. Some meteorological data was unavailable on the Bureau of Meteorology at the time of report submission.

Detailed monitoring results for each program are presented in the Appendices.

3.1. Meteorological Data

Meteorological data for the Project has been mostly taken from the Observatory Hill but some has also been taken from Fort Denison and Sydney Airport, Bureau of Meteorology Weather Station.

The total rainfall recorded during the reporting period was 89.2 mm with 4 days exceeding one millimetre of rain and 2 days of rain exceeding 10mm.

During the reporting period, there were 23 days where the maximum wind gust recorded was greater than 25km/h, 2 days where the maximum wind gust recorded was greater than 50km/h and 1 day where the maximum wind gust recorded was greater than 60km/h. Winds recorded during the reporting period in the mornings were predominantly westerly and had no prevailing direction into the afternoons, with some variability throughout the month.

A summary of the weather observations and weather events during the reporting period of relevance to the Soil and Water Management Sub-plan and Air Quality Management Sub-plan Trigger Action Response Plans (TARPs) are summarised in Table 2.

Detailed weather observation records for the reporting period are presented in Appendix A.

Weather Event	Observation
Minimum temperature	15.9°C
Maximum temperature	36.8 °C
Total rainfall	89.2 mm
Number of days with rain (>1 mm)	4 days
Number of days with rain (>10 mm)	2 days
>25 km/hr wind	23 days
>50 km/hr wind	2 days
>60 km/hr wind	1 days

Table 2 Weather summary and trigger weather events for the reporting period

3.2. Noise

 Table 3 Summary of noise and vibration monitoring completed during the reporting period

Date	Monitoring Location	Method	Description
22/02/2024	33 Hunter Street, Sydney, 2000	Sound Level Meter	Monitoring in response to complaint from neighbours
28/02/2024	20 Hunter Street, Sydney, 2000	Sound Level Meter	Monitoring of demolition at 9 Hunter St
01/03/2024	Level 24/123 Pitt Street, Sydney, 2000	Sound Level Meter	Monitoring of demolition at HSTW
06/03/2024	63 Edward Street, Pyrmont, 2009	Sound Level Meter	Validation monitoring of work at PYRE (Tower crane, vac truck idle, hammering)
07/03/2024	63 Edward Street, Pyrmont, 2009	Sound Level Meter	Validation monitoring of generator within PYRE site (on Union St footpath)

No noise and vibration monitoring was undertaken as a result of a direction by the EPA.



3.3. Discharge to water

Discharge water quality monitoring is a requirement of the following conditions of EPL 21784:

 M2.1 Monitoring the concentration of each pollutant specified using the specified sampling method, units of measure and frequency

During the reporting period sampling was undertaken from Point 1 – Discharge from the Hunter St Station
 WTP and Point 3 – Discharge from The Bays temporary WTP. There was no sampling event for Point 2 – Eastern
 Creek Precast Facility. The Pyrmont Station water treatment plant and the Bays construction water treatment plant
 is yet to be commissioned. As such no water sampling or discharge has occurred in this recording period.

Table 4, 5 and 6 provide the details of the concentration of pollutants discharged during the reporting period. There were no exceedances of the discharge criteria specified in L2.4 for all discharge points.

Date	05/03/24		
Туре	Units	Criteria	Discharge
Ammonia	(µg/L)	910	220
Arsenic (III)	(µg/L)	8	1
Manganese	(µg/L)	80	14
Nitrogen (Total)	(µg/L)	1720	1300
Oil and Grease	Visible	Not Visible	Not visible
рН	pН	7.0-8.5	7.1
Phosphorus (total) (µg/L)	(µg/L)	140	<50
TSS	(mg/L)	15	12

Table 4 Concentration of pollutants discharged from Point 1 during the reporting period

Table 5 Concentration of pollutants discharged from Point 2 during the reporting period

Date			
Туре	Units	Criteria	Discharge
Oil and Grease	Visiblo	Not Visiblo	NA
pH	pH	6.5-8.5	NA
788	(mg/L)	50	NA

Table 6 Concentration of pollutants discharged from Point 3 during the reporting period

Date	Date							
Туре	Units	Criteria	Discharge					
Arsenic (III)	(µg/L)	90	<1					
Manganese	(µg/L)	1900	240					
Nitrate + Nitrite (oxidised nitrogen)	(µg/L)	200	170					
Oil and Grease	Visible	Not Visible	Not visible					
рН	pН	6.5-8.5	7.7					
Phosphorus (total) (µg/L)	(µg/L)	1000	100					
TSS (mg/L)	(mg/L)	50	6					



4. Correction Log

It is possible from time to time for incorrect data to get published in good faith.

As soon as practicable after the licensee becomes aware that the published pollution monitoring data is incorrect or misleading, licensees must then publish a correction log to correct this data that is incorrect or misleading.

There are no matters included in the correction log for this reporting period.



Appendix A Weather Data

Table 7 Weather Observations. Temperature and Relative Humidity. Observatory Hill BOM Station.

Date	Min temperature (°C)	Max temperature (°C)	Rainfall (mm)	9am Temperature (°C)	9am relative humidity (%)	3pm Temperature (°C)	3pm relative humidity (%)
16/02/2024	18.9	28.3	61.4	21.2	97	27.1	73
17/02/2024	21.2	30.6	0	23.6	87	26.1	72
18/02/2024	21.2	30.7	0	23.9	89	26.2	78
19/02/2024	22.4	nd	0	22.9	87	-	-
20/02/2024	nd	23.1	nd	21.9	87	20.2	93
21/02/2024	18.8	27.7	22.6	21.5	95	25.9	72
22/02/2024	20.2	29.6	0	21.7	94	28.7	66
23/02/2024	21.6	36.8	0	23.4	91	34.9	44
24/02/2024	19.6	21.6	nd	19.6	87	21	71
25/02/2024	15.9	28.3	0.6	17.9	85	26.2	59
26/02/2024	17.9	27.9	0	21.1	90	24.5	76
27/02/2024	20.4	24.6	1	20.5	91	23.9	75
28/02/2024	20.4	29.4	1.6	24.3	81	28.2	69
29/02/2024	22.6	32.8	0	24.7	86	30.1	67
1/03/2024	21.9	27.9	0.2	23.6	85	25.6	76
2/03/2024	23.5	25.7	0	25.7	79	22.3	91
3/03/2024	18.8	31	1.8	20.5	90	28.8	60
4/03/2024	20.3	23.3	0	21.2	61	22	59
5/03/2024	16.3	26.6	0	17.9	80	25.9	51
6/03/2024	17.9	28.3	0	20	82	27.4	63
7/03/2024	20	28.1	0	23.3	87	26.3	71
8/03/2024	21	29.3	0	22.5	88	29.1	57
9/03/2024	19.7	30.5	0	21.3	88	29.7	53
10/03/2024	19.9	29.6	0	21.1	91	29.1	54
11/03/2024	19.9	29.4	0	21.3	91	26.9	55
12/03/2024	19.0	30.1	0	20.3	85	29.9	56
13/03/2024	20.3	30.1	0	23.5	80	26.3	59
14/03/2024	20.2			21.4	81		

Note: nd = not data available



Table 8 Wind Observations. Observatory Hill BOM Station.

Date	Direction of max wind gust	Speed of max wind gust (km/h)	Time of max wind gust	9am wind direction	9am wind speed (km/h)	3pm wind direction	3pm wind speed (km/h)
16/02/2024	SSW	35	1:32	WNW	9	E	19
17/02/2024	E	26	13:52	SE	4	E	22
18/02/2024	ESE	22	11:04	NW	6	ENE	17
19/02/2024	SSE	63	11:25	SSW	19	NNE	7
20/02/2024	NNW	44	10:33	SSW	9	SSW	11
21/02/2024	E	43	23:11	W	9	SSE	17
22/02/2024	NE	30	18:36	WNW	11	E	19
23/02/2024	S	59	15:48	WNW	13	NW	13
24/02/2024	SSE	50	0:03	SSE	26	SSE	20
25/02/2024	E	31	15:58	W	17	E	24
26/02/2024	SSE	50	15:38	WNW	13	S	19
27/02/2024	SSE	28	23:02	SSW	6	ENE	11
28/02/2024	NE	48	14:11	NE	20	NE	28
29/02/2024	SSW	46	20:33	ESE	7	E	19
1/03/2024	S	41	23:54	S	6	E	17
2/03/2024	SSW	46	11:04	SSE	24	SSW	11
3/03/2024	SSE	39	22:45	W	11	ENE	22
4/03/2024	SSE	50	8:15	SSE	30	SSE	20
5/03/2024	ENE	35	14:24	WNW	13	E	22
6/03/2024	ENE	33	14:33	WNW	9	ENE	20
7/03/2024	SSW	43	13:35	SSW	17	SSW	26
8/03/2024	ENE	35	15:32	WNW	7	NE	19
9/03/2024	E	31	12:45	W	11	ENE	20
10/03/2024	NNE	37	10:01	WNW	11	NE	22
11/03/2024	NNE	35	23:51	W	9	ENE	20
12/03/2024	nd	nd	nd	WNW	9	E	15
13/03/2024	NE	26	11:22	NNE	4	E	20
14/03/2024				ESE	4		

Note: nd = no data available



Appendix B Noise Monitoring Results

Table 9 Noise Monitoring Results

Date	Time	Works Period	Construction Activity	Activity Location	Monitoring Location	NML (dBA)	Predicted (dBA)	Recorded L _{eq, 15min} (dBA)	LAmax	Exceedance of Predicted (dBA)	Exceedance of Predicted	Comments
Attended noi	Attended noise monitoring											
22/02/2024	15:45	Day	Monitoring in response to complaint from neighbours	Hunter Street West	33 Hunter Street, Sydney, 2000	94	94	57	69.6	-27	No	Validation monitoring indicated construction work was not the dominant noise source.
28/02/2024	11:05	Day	Monitoring of demolition at 9 Hunter St	Hunter Street West	20 Hunter Street, Sydney, 2000	70	70	41.7	51.6	-28.3	No	Monitoring indicated construction work was not the dominant noise source.
01/03/2024	21:51	Evening	Monitoring of demolition at HSTW	Hunter Street West	Level 24/123 Pitt Street, Sydney, 2000	90	90	45.2	57.5	-44.8	No	Monitoring indicated construction work was not the dominant noise source.
06/03/2024	08:00	Day	Validation monitoring of work at PYRE (Tower crane, vac truck idle, hammering)	Pyrmont East	63 Edward Street	60	80	71.4	84.0	-20	No	Monitoring indicated construction work was the dominant noise source.
07/03/2024	06:20	Night	Validation monitoring of generator within PYRE site (on Union St footpath)	Pyrmont East	63 Edward Street	50	50	62.9	85.3	12.9	No	Monitoring indicated construction work was not the dominant noise source.
Real time no	ise and vib	ration monite	oring									
	Continuo	us	Construction – Noise	Hunter Street	The Ivy (Level 5 External)	÷	•	÷	÷	*	*	
	Continuous Construction – Noise Continuous Construction – Vibration Continuous Construction – Noise Continuous Construction – Noise Continuous Construction – Noise		Construction – Noise	Hunter Street	The Ivy (Level 2 Office Printer Room)	*	•	•		•		
			Construction – Vibration	Hunter Street	The Ivy (Basement Carpark)	÷	•	*	•	*	•	
			Construction – Noise	Hunter Street	The Radisson Blu Plaza Hotel (Basement) 27 O'Connell Street, Sydney, 2000			•			•	Real time noise and vibration monitoring data is available on request.
			Hunter Street	The Radisson Blu Plaza Hotel (Level 1) 27 O'Connell Street, Sydney, 2000								
	Continuo	us	Construction – Vibration	Hunter Street	The Radisson Blu Plaza Hotel	*		*	*	*	•	

EASTERN TUNNELLING PACKAGE



Date	Time	Works Period	Construction Activity	Activity Location	Monitoring Location	NML (dBA)	Predicted (dBA)	Recorded Leg, 15min (dBA)	LAmax	Exceedance of Predicted (dBA)	Exceedance of Predicted	Comments
					(Basement) 27 O'Connell Street, Sydney, 2000							
	Continuo	us	Construction – Noise	Hunter Street	Tank Stream Hotel (Level 1 Office) 97-99 Pitt Street, Sydney, 2000	·	·	×			•	
	Continuo	us	Construction – Vibration	Hunter Street	Tank Stream Hotel (Basement) 97-99 Pitt Street, Sydney, 2000	•	·	*	•		•	
	Continuo	us	Construction – Noise	Pyrmont East	63 Edwards Street, Pyrmont, 2009	×	×	×	×	*	*	
	Continuo	us	Construction – Vibration	Pyrmont East	63 Edwards Street, Pyrmont, 2009	*	*	×	•	*	•	
	Continuo	us	Construction – Noise	Pyrmont West	28 Paternoster Row, Pyrmont, 2009	×	*	*				
	Continuo	us	Construction – Vibration	Pyrmont West	28 Patemoster Row, Pyrmont, 2009	·		•			•	
	Continuo	us	Construction – Vibration	Pyrmont	13A Union Street, Pyrmont, 2009	×	×	*	×	*	•	

* Data is available upon request