Water Monitoring Data - Monthly Summary

Month and Year	December 2024
Project	Sydney Metro SWM3
EPL License No.	21147
EPL Weblink	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&id=21147&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Specific EPL monitoring conditions	M2 - Requirement to monitor concentration of pollutants discharged

Monitoring Location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter e.g. TSS, pH	Unit eg. mg/L	Minimum value for month	Maximum value for month	Allowable Maximum limit	Allowable Minimum limit	Comment
SWM3									No activities requiring water monitoring

Noise Monitoring Data - Monthly Summary	
Month and Year	December 2024
Project	Sydney Metro SWM3
EPL license No.	21147
EPL Weblink	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&id=21147&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Specific EPL monitoring conditions	M7.1 - Noise monitoring

Table 1. Monitoring Location A: NCA SSJ – (HEX646) 90m SE of 133 Meeks Road, Marrickville

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	12/12/2024 To 13/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • Site lights • Mobile Crane	• Highest ambient LAeq in period at Monitoring Location is 76 • Excluding the following non-construction related event being identified: 12/12/2024 22:15 64 Aircraft 12/12/2024 22:30 61 Aircraft 12/12/2024 23:00 59 ARTC Train 12/12/2024 23:15 66 ARTC Train 13/12/2024 1:00 61 ARTC Train 13/12/2024 1:30 60 ARTC Train 13/12/2024 2:15 57 ARTC Train 13/12/2024 3:45 61 ARTC Train 13/12/2024 5:15 59 ARTC Train 13/12/2024 6:00 64 ARTC Train • Construction related LAeq in period at Monitoring Location is 62 • Due to the monitoring location being 58 m from the source of the noise and sensitive receiver being 147 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 54.	54	Y	• RBL: 40 dBA • The calculated construction related highest LAeq in work period (54 dBA) is lower than the predicted level (54 dBA) • **Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**
2	13/12/2024 To 14/12/2024				• Highest ambient LAeq in period at Monitoring Location is 69 • Excluding the following non-construction related event being identified: 13/12/2024 22:15 59 Aircraft 13/12/2024 22:45 61 ARTC Train 13/12/2024 23:15 60 ARTC Train 14/12/2024 0:15 62 ARTC Train 14/12/2024 1:30 63 ARTC Train 14/12/2024 2:15 69 ARTC Train 14/12/2024 3:00 64 ARTC Train 14/12/2024 6:30 62 ARTC Train • Construction related LAeq in period at Monitoring Location is 56 • Due to the monitoring location being 58 m from the source of the noise and sensitive receiver being 147 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 48.	54	Y	• RBL: 40 dBA • The calculated construction related highest LAeq in work period (48 dBA) is lower than the predicted level (54 dBA) • **Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**
3	15/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 67 • Excluding the following non-construction related event being identified: 15/12/2024 7:15 61 ARTC Train 15/12/2024 8:15 65 ARTC Train 15/12/2024 8:45 64 ARTC Train 15/12/2024 9:30 62 ARTC Train 15/12/2024 10:15 60 ARTC Train 15/12/2024 12:00 61 ARTC Train 15/12/2024 12:30 67 ARTC Train 15/12/2024 16:00 57 ARTC Train 15/12/2024 17:45 60 ARTC Train 15/12/2024 18:45 58 ARTC Train 15/12/2024 19:15 58 ARTC Train 15/12/2024 20:00 61 ARTC Train 15/12/2024 20:45 55 ARTC Train 15/12/2024 21:15 57 ARTC Train 15/12/2024 21:45 59 ARTC Train • Construction related LAeq in period at Monitoring Location is 65	66	Y	• RBL: 47 dBA • The calculated construction related highest LAeq in work period (65 dBA) is lower than the predicted level (66 dBA) • **Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**

Table 2. Monitoring Location B: NCA 01 - (HEX630) 25m NE of 29 Leofrene Ave, Marrickville.

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	06/12/2024 To 07/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • Site lights • Mobile Crane	• Highest ambient LAeq in period at Monitoring Location is 68 • Excluding the following non-construction related event being identified: 6/12/2024 22:15 59 Aircraft 6/12/2024 22:30 68 ARTC Train 6/12/2024 23:00 66 ARTC Train 6/12/2024 23:30 62 ARTC Train 6/12/2024 23:45 67 ARTC Train 7/12/2024 0:00 66 ARTC Train 7/12/2024 0:30 65 ARTC Train 7/12/2024 1:15 65 ARTC Train • Construction related LAeq in period at Monitoring Location is 61 • Due to the monitoring location being 13 m from the source of the noise and sensitive receiver being 25 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 66.	59	Y	• RBL: 33 dBA • The calculated construction related highest LAeq in work period (55 dBA) is lower than the predicted level (59 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
2	07/12/2024 To 08/12/2024				• Highest ambient LAeq in period at Monitoring Location is 63	73	Y	• RBL: 33 dBA • The detected highest LAeq in work period (63 dBA) is below the predicted level (73 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
3	08/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 71	73	Y	• RBL: 38 dBA • The detected highest LAeq in work period (71 dBA) is below the predicted level (73 dBA) • **Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
4	08/12/2024 To 09/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			• Highest ambient LAeq in period at Monitoring Location is 82 • Excluding the following non-construction related event being identified: 8/12/2024 22:15 76 ARTC Train 8/12/2024 22:30 82 ARTC Train 9/12/2024 2:45 67 ARTC Train 9/12/2024 4:30 61 ARTC Train 9/12/2024 5:00 69 ARTC Train 9/12/2024 5:15 63 ARTC Train 9/12/2024 5:30 63 ARTC Train 9/12/2024 6:00 65 ARTC Train • Construction related LAeq in period at Monitoring Location is 55	73	Y	• RBL: 33 dBA • The highest construction related LAeq in work period (55 dBA) is below the predicted level (73 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
5	09/12/2024 To 10/12/2024				• Highest ambient LAeq in period at Monitoring Location is 82 • Excluding the following non-construction related event being identified: 9/12/2024 22:30 60 ARTC Train 9/12/2024 22:45 71 ARTC Train 9/12/2024 23:00 68 ARTC Train 9/12/2024 23:15 58 ARTC Train 9/12/2024 23:30 66 ARTC Train 9/12/2024 23:45 66 ARTC Train 10/12/2024 0:45 65 ARTC Train 10/12/2024 1:00 61 ARTC Train 10/12/2024 1:30 70 ARTC Train 10/12/2024 1:45 66 ARTC Train 10/12/2024 2:00 64 ARTC Train 10/12/2024 2:30 67 ARTC Train 10/12/2024 3:45 65 ARTC Train 10/12/2024 5:00 68 ARTC Train 10/12/2024 6:45 68 ARTC Train • Construction related LAeq in period at Monitoring Location is 57	63	Y	• RBL: 33 dBA • The highest construction related LAeq in work period (57 dBA) is below the predicted level (73 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
6	10/12/2024 To 11/12/2024				• Highest ambient LAeq in period at Monitoring Location is 69 • Excluding the following non-construction related event being identified: 10/12/2024 22:30 55 ARTC Train 10/12/2024 22:45 69 ARTC Train 10/12/2024 23:15 65 ARTC Train 11/12/2024 0:15 56 ARTC Train 11/12/2024 0:30 64 ARTC Train 11/12/2024 0:45 69 ARTC Train 11/12/2024 1:45 64 ARTC Train 11/12/2024 2:00 63 ARTC Train 11/12/2024 2:30 61 ARTC Train 11/12/2024 2:45 68 ARTC Train 11/12/2024 3:00 62 ARTC Train 11/12/2024 3:45 65 ARTC Train 11/12/2024 6:30 66 ARTC Train • Construction related LAeq in period at Monitoring Location is 65 • Due to the monitoring location being 13 m from the source of the noise and sensitive receiver being 25 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 69.	63	Y	• RBL: 33 dBA • The calculated construction related highest LAeq in work period (59 dBA) is lower than the predicted level (63 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**

7	11/12/2024 To 12/12/2024				• Highest ambient LAeq in period at Monitoring Location is 71 • Excluding the following non-construction related event being identified: 11/12/2024 22:30 64 ARTC Train 11/12/2024 22:45 68 Aircraft 11/12/2024 23:15 58 ARTC Train 12/12/2024 0:30 67 ARTC Train 12/12/2024 0:45 65 ARTC Train 12/12/2024 1:30 70 ARTC Train 12/12/2024 1:45 68 ARTC Train 12/12/2024 2:45 71 ARTC Train 12/12/2024 3:45 64 ARTC Train 12/12/2024 4:30 65 ARTC Train 12/12/2024 5:15 62 ARTC Train 12/12/2024 5:30 70 ARTC Train 12/12/2024 6:30 66 ARTC Train • Construction related LAeq in period at Monitoring Location is 62 • 8Due to the monitoring location being 13 m from the source of the noise and sensitive receiver being 25 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 58.	60	Y	• RBL: 33 dBA • The calculated construction related highest LAeq in work period (56 dBA) is lower than the predicted level (60 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
8	12/12/2024 To 13/12/2024				• Highest ambient LAeq in period at Monitoring Location is 71 • Excluding the following non-construction related event being identified: 12/12/2024 22:15 61 Aircraft 12/12/2024 23:00 68 ARTC Train 12/12/2024 23:15 71 ARTC Train 13/12/2024 0:30 60 ARTC Train 13/12/2024 1:00 65 ARTC Train 13/12/2024 1:15 71 ARTC Train 13/12/2024 1:30 68 ARTC Train 13/12/2024 2:15 66 ARTC Train 13/12/2024 3:45 67 ARTC Train 13/12/2024 5:00 64 ARTC Train 13/12/2024 5:15 65 ARTC Train 13/12/2024 5:45 64 ARTC Train 13/12/2024 6:00 71 ARTC Train • Construction related LAeq in period at Monitoring Location is 57	60	Y	• RBL: 33 dBA • The highest construction related LAeq in work period (57 dBA) is below the predicted level (60 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
9	13/12/2024 To 14/12/2024				• Highest ambient LAeq in period at Monitoring Location is 70 • Excluding the following non-construction related event being identified: 13/12/2024 22:45 69 ARTC Train 13/12/2024 23:15 65 ARTC Train 14/12/2024 0:00 58 ARTC Train 14/12/2024 0:15 67 ARTC Train 14/12/2024 1:15 65 ARTC Train 14/12/2024 1:30 68 ARTC Train 14/12/2024 2:15 62 ARTC Train 14/12/2024 3:00 70 ARTC Train 14/12/2024 3:45 63 ARTC Train 14/12/2024 4:45 64 ARTC Train 14/12/2024 6:30 67 ARTC Train • Construction related LAeq in period at Monitoring Location is 63 • Due to the monitoring location being 13 m from the source of the noise and sensitive receiver being 25 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 57.	60	Y	• RBL: 33 dBA • The calculated construction related highest LAeq in work period (57 dBA) is lower than the predicted level (60 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
10	15/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 71	73	Y	• RBL: 38 dBA • The detected highest LAeq in work period (71 dBA) is below the predicted level (73 dBA) • **Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**

Table 3. Monitoring Location C: NCA 01 – (HEX615) 10m NE from 17 Warburton St, Marrickville

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	06/12/2024 To 07/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Excavators 3T, 6 and 13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • Site lights • Mobile Crane	• Highest ambient LAeq in period at Monitoring Location is 60 • Excluding the following non-construction related event being identified: 7/12/2024 5:45 60 Weather Rain • Construction related LAeq in period at Monitoring Location is 59 • Due to the monitoring location being 19 m from the source of the noise and sensitive receiver being 30 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 56.	55	Y	• RBL: 33 dBA • The calculated construction related highest LAeq in work period (55 dBA) is matched the predicted level (55 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
2	07/12/2024 To 08/12/2024				• Highest ambient LAeq in period at Monitoring Location is 60	69	Y	• RBL: 33 dBA • The detected highest LAeq in work period (60 dBA) is below the predicted level (69 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
2	08/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 68	69	Y	• RBL: 38 dBA • The detected highest LAeq in work period (68 dBA) is below the predicted level (69 dBA) • **Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
4	08/12/2024 To 09/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			• Highest ambient LAeq in period at Monitoring Location is 65	69	Y	• RBL: 33 dBA • The detected highest LAeq in work period (65 dBA) is below the predicted level (73 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
5	09/12/2024 To 10/12/2024				• Highest ambient LAeq in period at Monitoring Location is 65	65	Y	

Table 4. Monitoring Location D: NCA 02 - (HEX623) 11m N of 51A Ewart Lane, Dulwich Hill.

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	07/12/2024 To 08/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • Site lights • Mobile Crane	• Highest ambient LAeq in period at Monitoring Location is 57	58	Y	• RBL: 33 dBA • The detected highest LAeq in work period (57 dBA) is below the predicted level (58 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
2	08/12/2024	Day 08:00 to 18:00			• Construction related LAeq in period at Monitoring Location is 70 • Due to the monitoring location being 3 m from the source of the noise and sensitive receiver being 17 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 66.	56	Y	• RBL: 38 dBA • The calculated construction related highest LAeq in work period (55 dBA) is below the predicted level (56 dBA) • **Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**
3	08/12/2024 To 09/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			• Highest ambient LAeq in period at Monitoring Location is 53	58	Y	• RBL: 33 dBA • The detected highest LAeq in work period (53 dBA) is below the predicted level (58 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
4	09/12/2024 To 10/12/2024				• Highest ambient LAeq in period at Monitoring Location is 61 • Excluding the following non-construction related event being identified: 9/12/2024 22:45 61 Aircraft 10/12/2024 2:30 57 ARTC Train 10/12/2024 5:15 58 ARTC Train • Construction related LAeq in period at Monitoring Location is 55	56	Y	• RBL: 33 dBA • The highest construction related LAeq in work period (55 dBA) is below the predicted level (56 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
5	10/12/2024 To 11/12/2024				• Highest ambient LAeq in period at Monitoring Location is 57 • Excluding the following non-construction related event being identified: 11/12/2024 2:15 57 ARTC Train • Construction related LAeq in period at Monitoring Location is 53	56	Y	• RBL: 33 dBA • The highest construction related LAeq in work period (53 dBA) is below the predicted level (56 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
6	15/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 57 • Excluding the following non-construction related event being identified: 15/12/2024 10:30 57 Train Horn 15/12/2024 15:30 56 Urban Siren • Construction related LAeq in period at Monitoring Location is 56 • Due to the monitoring location being 3 m from the source of the noise and sensitive receiver being 17 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 41.	55	Y	• RBL: 38 dBA • The calculated construction related highest LAeq in work period (41 dBA) is below the predicted level (55 dBA) • **Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**

Table 5. Monitoring Location E: NCA 02 - (HEX649) 11m N of 81 Ewart Street, Dulwich Hill

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	07/12/2024 To 08/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • Site lights • Mobile Crane	• Highest ambient LAeq in period at Monitoring Location is 63	73	Y	• RBL: 33 dBA • The detected highest LAeq in work period (63 dBA) is below the predicted level (73 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
2	08/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 73 • Excluding the following non-construction related event being identified: 8/12/2024 19:45 73 Urban Traffic • Construction related LAeq in period at Monitoring Location is 71	72	Y	• RBL: 38 dBA • The highest construction related LAeq in work period (71 dBA) is below the predicted level (72 dBA) • **Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
3	08/12/2024 To 09/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			• Highest ambient LAeq in period at Monitoring Location is 69	73	Y	• RBL: 33 dBA • The detected highest LAeq in work period (69 dBA) is below the predicted level (73 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
4	09/12/2024 To 10/12/2024				• Highest ambient LAeq in period at Monitoring Location is 71 • Excluding the following non-construction related event being identified: 9/12/2024 22:30 70 ARTC Train 9/12/2024 22:45 67 Aircraft 9/12/2024 23:00 67 ARTC Train 9/12/2024 23:15 61 ARTC Train 9/12/2024 23:30 71 ARTC Train 9/12/2024 23:45 67 ARTC Train 10/12/2024 0:45 66 ARTC Train 10/12/2024 1:00 63 ARTC Train 10/12/2024 1:45 70 ARTC Train 10/12/2024 2:00 69 ARTC Train 10/12/2024 2:30 65 ARTC Train 10/12/2024 3:45 64 ARTC Train 10/12/2024 5:00 70 ARTC Train 10/12/2024 5:15 70 ARTC Train 10/12/2024 6:45 66 ARTC Train • Construction related LAeq in period at Monitoring Location is 54 • Due to the monitoring location being 6 m from the source of the noise and sensitive receiver being 18 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 44.	52	Y	• RBL: 33 dBA • The calculated construction related highest LAeq in work period (44 dBA) is matched the predicted level (52 dBA) • **Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**

5	10/12/2024 To 11/12/2024				• Highest ambient LAeq in period at Monitoring Location is 73 • Excluding the following non-construction related event being identified: 10/12/2024 22:15 61 ARTC Train 10/12/2024 22:30 62 ARTC Train 10/12/2024 22:45 66 ARTC Train 10/12/2024 23:00 65 ARTC Train 10/12/2024 23:15 64 ARTC Train 10/12/2024 23:30 68 ARTC Train 11/12/2024 0:15 56 ARTC Train 11/12/2024 0:30 62 ARTC Train 11/12/2024 0:45 70 ARTC Train 11/12/2024 1:00 68 ARTC Train 11/12/2024 1:30 66 ARTC Train 11/12/2024 1:45 65 ARTC Train 11/12/2024 2:00 70 ARTC Train 11/12/2024 2:15 73 ARTC Train 11/12/2024 2:45 68 ARTC Train 11/12/2024 3:00 64 ARTC Train 11/12/2024 3:45 64 ARTC Train 11/12/2024 5:00 69 ARTC Train 11/12/2024 6:30 65 ARTC Train • Construction related LAeq in period at Monitoring Location is 51	52	Y	• RBL: 38 dBA • The highest construction related LAeq in work period (51 dBA) is below the predicted level (52 dBA) • **Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**
6	15/21/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 68 • Excluding the following non-construction related event being identified: 15/12/2024 7:15 66 ARTC Train 15/12/2024 8:00 68 ARTC Train 15/12/2024 8:30 61 ARTC Train 15/12/2024 8:45 68 ARTC Train 15/12/2024 8:30 61 ARTC Train 15/12/2024 8:45 68 ARTC Train 15/12/2024 9:15 57 ARTC Train 15/12/2024 9:30 64 ARTC Train 15/12/2024 10:15 63 ARTC Train 15/12/2024 10:30 64 ARTC Train 15/12/2024 11:45 61 ARTC Train 15/12/2024 12:30 64 ARTC Train 15/12/2024 13:15 60 ARTC Train 15/12/2024 13:45 56 ARTC Train 15/12/2024 14:15 66 ARTC Train 15/12/2024 16:15 64 ARTC Train 15/12/2024 17:15 63 ARTC Train 15/12/2024 17:30 58 ARTC Train 15/12/2024 17:45 62 ARTC Train 15/12/2024 18:30 63 ARTC Train 15/12/2024 18:45 57 ARTC Train 15/12/2024 19:15 64 ARTC Train 15/12/2024 20:00 63 Animal Activity 15/12/2024 20:30 66 ARTC Train 15/12/2024 21:00 66 ARTC Train 15/12/2024 21:15 62 ARTC Train 15/12/2024 21:45 66 ARTC Train • Construction related LAeq in period at Monitoring Location is 63 • Due to the monitoring location being 6 m from the source of the noise and sensitive receiver being 18 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 63.	57	Y	• RBL: 38 dBA • The calculated construction related highest LAeq in work period (53 dBA) is matched the predicted level (57 dBA) • **Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**

Table 6. Monitoring Location F: NCA 06 – (HEX631) 18m S from 32-24 Campsie St, Campsie

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	07/12/2024 To 08/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie	• Highest ambient LAeq in period at Monitoring Location is 50	66	Y	• RBL: 35 dBA • The detected highest LAeq in work period (50 dBA) is below the predicted level (66 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
2	08/12/2024	Day 08:00 to 18:00			• Construction related LAeq in period at Monitoring Location is 71 • Due to the monitoring location being 19 m from the source of the noise and sensitive receiver being 33 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 68.	66	Y	• RBL: 45 dBA • The calculated construction related highest LAeq in work period (66 dBA) matched the predicted level (66 dBA) • **Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**
3	08/12/2024 To 09/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			• Highest ambient LAeq in period at Monitoring Location is 68 • Excluding the following non-construction related event being identified: 8/12/2024 23:00 63 ARTC Train 9/12/2024 2:45 61 ARTC Train 9/12/2024 4:15 65 ARTC Train 9/12/2024 4:30 62 ARTC Train 9/12/2024 4:45 68 ARTC Train 9/12/2024 5:00 61 ARTC Train 9/12/2024 5:30 64 ARTC Train 9/12/2024 6:00 67 ARTC Train • Construction related LAeq in period at Monitoring Location is 54	66	Y	• RBL: 35 dBA • The highest construction related LAeq in work period (54 dBA) is below the predicted level (66 dBA) • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**

4	15/12/2024	Day 08:00 to 18:00		• Water pumps • 4T Dumpy • Site lights • Mobile Crane	• Highest ambient LAeq in period at Monitoring Location is 68 • Excluding the following non-construction related event being identified: 15/12/2024 7:15 60 ARTC Train 15/12/2024 7:45 65 ARTC Train 15/12/2024 8:00 65 ARTC Train 15/12/2024 8:30 60 ARTC Train 15/12/2024 8:45 66 ARTC Train 15/12/2024 9:00 63 ARTC Train 15/12/2024 9:15 65 ARTC Train 15/12/2024 9:30 65 ARTC Train 15/12/2024 10:15 66 ARTC Train 15/12/2024 10:30 61 ARTC Train 15/12/2024 11:30 61 ARTC Train 15/12/2024 12:30 62 ARTC Train 15/12/2024 12:45 56 ARTC Train 15/12/2024 13:00 61 ARTC Train 15/12/2024 14:00 68 ARTC Train 15/12/2024 14:15 61 ARTC Train 15/12/2024 16:15 63 ARTC Train 15/12/2024 17:00 61 ARTC Train 15/12/2024 17:15 61 ARTC Train 15/12/2024 17:30 59 ARTC Train 15/12/2024 18:00 61 ARTC Train 15/12/2024 18:15 60 ARTC Train 15/12/2024 18:30 60 ARTC Train 15/12/2024 18:45 57 ARTC Train 15/12/2024 19:15 54 ARTC Train 15/12/2024 19:30 64 ARTC Train 15/12/2024 20:15 63 ARTC Train 15/12/2024 20:30 65 ARTC Train 15/12/2024 21:00 64 ARTC Train 15/12/2024 21:45 66 ARTC Train • Construction related LAeq in period at Monitoring Location is 59 • Due to the monitoring location being 19 m from the source of the noise and sensitive receiver being 33 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 64.	56	Y	• RBL: 45 dBA • The calculated construction related highest LAeq in work period (54 dBA) matched the predicted level (56 dBA) • **Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**

Table 7. Monitoring Location G: NCA 07 - (HEX531) 4m E of 1 Hall St, Belmore.

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	07/12/2024 To 08/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Bogie • Water pumps • 4T Dumpy • Mobile Crane	• Highest ambient LAeq in period at Monitoring Location is 68	71	Y	• RBL: 35 dBA • Noise monitor detect highest LAeq15min value below predictions. • **Predicted noise levels (Night shift works) in this triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
2	08/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 68	71	Y	• RBL: 41 dBA • Noise monitor detect highest LAeq15min value below the predictions. • **Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
3	08/12/2024 To 09/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			• Highest ambient LAeq in period at Monitoring Location is 63	71	Y	• RBL: 35 dBA • Noise monitor detect highest LAeq15min value below predictions. • **Predicted noise levels (Night shift works) in this triggered offer for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
4	09/12/2024 To 10/12/2024				• Highest ambient LAeq in period at Monitoring Location is 63	66	Y	
5	10/12/2024 To 11/12/2024				• Highest ambient LAeq in period at Monitoring Location is 61	66	Y	
6	11/12/2024 To 12/12/2024				• Highest ambient LAeq in period at Monitoring Location is 61	66	Y	
7	15/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 59	67	Y	• RBL: 41 dBA • Noise monitor detect highest LAeq15min value below the predictions. • **Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**

Table 8. Monitoring Location H: NCA 08 - (HEX328) 26m S of 27 Dennis St, Lakemba.

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	07/12/2024 To 08/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • Site lights • Mobile Crane	• Highest ambient LAeq in period at Monitoring Location is 54	58	Y	• RBL: 41 dBA • Noise monitor detect highest LAeq15min value below predictions. • **Predicted noise levels (Night shift works) did not trigger offer for additional mitigation measures.** • **Appropriate mitigation measures being offered**
2	08/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 72 • Excluding the following non-construction related event being identified: 8/12/2024 20:00 60 Urban Traffic 8/12/2024 21:15 68 Illegal Firework 8/12/2024 21:30 72 Illegal Firework • Construction related LAeq in period at Monitoring Location is 59 • Due to the monitoring location being 30 m from the source of the noise and sensitive receiver being 55 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 64.	58	Y	• RBL: 47 dBA • The calculated construction related highest LAeq in work period (54 dBA) matched the predicted level (58 dBA) • **Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**
3	08/12/2024 To 09/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			• Highest ambient LAeq in period at Monitoring Location is 58	58	Y	• RBL: 41 dBA • Noise monitor detect highest LAeq15min value below predictions. • **Predicted noise levels (Night shift works) did not trigger offer for additional mitigation measures.** • **Appropriate mitigation measures being offered**
4	15/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 57 • Excluding the following non-construction related event being identified: 15/12/2024 10:15 57 Urban Traffic 15/12/2024 12:45 56 Urban Traffic 15/12/2024 14:00 56 Urban Traffic 15/12/2024 16:30 57 Animal Activity 15/12/2024 16:45 56 Animal Activity • Construction related LAeq in period at Monitoring Location is 54 • Due to the monitoring location being 19 m from the source of the noise and sensitive receiver being 33 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 48.	52	Y	• RBL: 47 dBA • The calculated construction related highest LAeq in work period (54 dBA) matched the predicted level (58 dBA) • **Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**

Table 9. Monitoring Location I: NCA 09 - (HEX646) 50m SE of 17 Alice Street North, Wiley Park.

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	07/12/2024 To 08/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • Site lights • Mobile Crane	• Highest ambient LAeq in period at Monitoring Location is 62 • Excluding the following non-construction related event being identified: 7/12/2024 22:15 62 Urban Traffic 7/12/2024 22:30 55 Urban Traffic 7/12/2024 22:45 56 Urban Traffic • Construction related LAeq in period at Monitoring Location is 56 • Due to the monitoring location being 9 m from the source of the noise and sensitive receiver being 22 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 48.	55	Y	• RBL: 36 dBA • The calculated construction related highest LAeq in work period (48 dBA) matched the predicted level (55 dBA) • **Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**
2	08/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 65	81	Y	• RBL: 44 dBA • Noise monitor detect highest LAeq15min value below predictions. • **Predicted noise levels (Day shift works) in this triggered offer for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
3	08/12/2024 To 09/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			• Highest ambient LAeq in period at Monitoring Location is 68 • Excluding the following non-construction related event being identified: 8/12/2024 22:15 57 Urban Traffic 8/12/2024 22:30 55 Urban Traffic 8/12/2024 22:45 55 Urban Traffic 8/12/2024 23:00 56 Urban Traffic 9/12/2024 0:30 54 Urban Traffic 9/12/2024 6:00 54 Animal Activity 9/12/2024 6:30 55 Urban Traffic 9/12/2024 6:45 58 Urban Traffic • Construction related LAeq in period at Monitoring Location is 56 • Due to the monitoring location being 9 m from the source of the noise and sensitive receiver being 22 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 48.	55	Y	• RBL: 36 dBA • The calculated construction related highest LAeq in work period (48 dBA) matched the predicted level (55 dBA) • **Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**
4	10/12/2024 To 11/12/2024				• Highest ambient LAeq in period at Monitoring Location is 55	55		• RBL: 44 dBA • Noise monitor detect highest LAeq15min value below predictions. • **Predicted noise levels (Day shift works) did not trigger offer for additional mitigation measures.** • **Appropriate mitigation measures being offered**

Table 10. Monitoring Location J: NCA 10 - (HEX421) 65m S of 37 Urunga Parade, Punchbowl.

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	07/12/2024 To 08/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Bogie • Water pumps • 4T Dumpy • Mobile Crane	• Highest ambient LAeq in period at Monitoring Location is 65 • Excluding the following non-construction related event being identified: 7/12/2024 23:45 65 Illegal Firework • Construction related LAeq in period at Monitoring Location is 55	63	Y	• RBL: 41 dBA • The calculated construction related highest LAeq in work period below the predicted level. • Predicted noise levels (Night shift works) triggered offers for additional mitigation measures. • Appropriate additional mitigation measures being offered
2	08/12/2024	Day 08:00 to 18:00			• Highest ambient LAeq in period at Monitoring Location is 63 • Excluding the following non-construction related event being identified: 8/12/2024 8:15 60 Urban Traffic & Animal Activity 8/12/2024 8:30 62 Urban Traffic & Animal Activity 8/12/2024 8:45 61 Urban Traffic & Animal Activity 8/12/2024 9:00 60 Urban Traffic & Animal Activity 8/12/2024 9:15 63 Urban Traffic & Animal Activity 8/12/2024 9:30 63 Urban Traffic & Animal Activity • Construction related LAeq in period at Monitoring Location is 60	60	Y	• RBL: 47 dBA • The construction related highest LAeq in work period matched the predicted level. • Predicted noise levels (Day shift works) in this didn't trigger offers for additional mitigation measures. • Appropriate mitigation measures being offered
3	08/12/2024 To 09/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			• Highest ambient LAeq in period at Monitoring Location is 59	63	Y	• RBL: 41 dBA • Noise monitor detect highest LAeq15min value below the predictions. • Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. • Appropriate additional mitigation measures being offered
4	09/12/2024 To 10/12/2024				• Highest ambient LAeq in period at Monitoring Location is 57 • Excluding the following non-construction related event being identified: 9/12/2024 22:15 57 Urban Traffic 10/12/2024 4:15 52 Urban Traffic 10/12/2024 5:30 54 Urban Traffic • Construction related LAeq in period at Monitoring Location is 55 • Due to the monitoring location being 11 m from the source of the noise and sensitive receiver being 53 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 41.	52	Y	• RBL: 41 dBA • The calculated construction related highest LAeq in work period below the predicted level. • Predicted noise levels (Night shift works) did not trigger offers for additional mitigation measures. • Appropriate mitigation measures being offered
5	10/12/2024 To 11/12/2024				• Highest ambient LAeq in period at Monitoring Location is 60 • Excluding the following non-construction related event being identified: 11/12/2024 6:45 60 Urban Traffic • Construction related LAeq in period at Monitoring Location is 54 • Due to the monitoring location being 11 m from the source of the noise and sensitive receiver being 53 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 40	52	Y	
6	11/12/2024 To 12/12/2024				• Highest ambient LAeq in period at Monitoring Location is 58 • Excluding the following non-construction related event being identified: 11/12/2024 22:15 58 Urban Traffic • Construction related LAeq in period at Monitoring Location is 55	55	Y	• RBL: 41 dBA • The construction related highest LAeq in work period matched the predicted level. • Predicted noise levels (Night shift works) in this didn't trigger offers for additional mitigation measures. • Appropriate mitigation measures being offered
7	12/12/2024 To 13/12/2024				• Highest ambient LAeq in period at Monitoring Location is 55	55	Y	• RBL: 41 dBA • Noise monitor detect highest LAeq15min value below the predictions. • Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. • Appropriate mitigation measures being offered
8	13/12/2024 To 14/12/2024				• Highest ambient LAeq in period at Monitoring Location is 58 • Excluding the following non-construction related event being identified: 13/12/2024 22:15 55 Urban Traffic 13/12/2024 22:30 58 Urban Traffic 13/12/2024 22:45 54 Urban Traffic 13/12/2024 23:00 55 Urban Traffic 13/12/2024 23:30 55 Urban Traffic 14/12/2024 0:45 54 Urban Traffic 14/12/2024 1:00 54 Urban Traffic 14/12/2024 6:00 53 Urban Traffic 14/12/2024 6:15 52 Animal Activity • Construction related LAeq in period at Monitoring Location is 53 • Due to the monitoring location being 11 m from the source of the noise and sensitive receiver being 53 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 38.	51	Y	• RBL: 41 dBA • The calculated construction related highest LAeq in work period below the predicted level • Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. • Appropriate mitigation measures being offered

Table 1. Monitoring Location A: NCA SSJ – (HEX646) 35m N of 1 Charlotte Avenue, Marrickville.

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	18/12/2024 To 19/12/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Light vehicles • Trucks • Handheld powered and non-powered tools • EWP/telehandler	• Highest ambient LAeq in period at Monitoring Location is 66 • Excluding the following non-construction related event being identified: 18/12/2024 22:45 65 ARTC Train 18/12/2024 23:00 58 ARTC Train 19/12/2024 0:15 62 ARTC Train 19/12/2024 0:30 56 ARTC Train 19/12/2024 1:00 65 ARTC Train 19/12/2024 1:45 64 ARTC Train 19/12/2024 2:00 55 ARTC Train 19/12/2024 3:30 62 ARTC Train 19/12/2024 4:15 59 ARTC Train 19/12/2024 5:00 60 ARTC Train 19/12/2024 5:30 63 ARTC Train 19/12/2024 6:00 66 ARTC Train • Construction related LAeq in period at Monitoring Location is 62	68	Y	• RBL: 33 dBA • The construction related highest LAeq in work period is lower than the predicted level • **Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.** • **Appropriate additional mitigation measures being offered**
2	19/12/2024 To 20/12/2024				• Highest ambient LAeq in period at Monitoring Location is 67 • Excluding the following non-construction related event being identified: 19/12/2024 22:15 62 ARTC Train 19/12/2024 22:45 60 ARTC Train 20/12/2024 0:00 53 Aircraft 20/12/2024 0:45 67 ARTC Train 20/12/2024 1:00 64 ARTC Train 20/12/2024 1:30 62 ARTC Train 20/12/2024 2:15 62 ARTC Train 20/12/2024 2:30 57 ARTC Train 20/12/2024 4:45 58 ARTC Train 20/12/2024 5:30 64 ARTC Train 20/12/2024 5:45 58 ARTC Train 20/12/2024 6:00 58 ARTC Train • Construction related LAeq in period at Monitoring Location is 63			
3	20/12/2024 To 21/12/2024				• Highest ambient LAeq in period at Monitoring Location is 66 • Excluding the following non-construction related event being identified: 20/12/2024 22:15 61 ARTC Train 20/12/2024 22:45 57 ARTC Train 20/12/2024 23:00 61 ARTC Train 21/12/2024 0:15 54 ARTC Train 21/12/2024 0:30 66 ARTC Train 21/12/2024 1:00 61 ARTC Train 21/12/2024 1:15 60 ARTC Train 21/12/2024 1:30 66 ARTC Train 21/12/2024 3:00 61 ARTC Train 21/12/2024 4:15 62 ARTC Train 21/12/2024 4:30 58 ARTC Train 21/12/2024 6:00 64 ARTC Train 21/12/2024 6:15 63 ARTC Train 21/12/2024 6:45 65 ARTC Train • Construction related LAeq in period at Monitoring Location is 63			

Table 2. Monitoring Location B: NCA 01 - (HEX630) 13.5m NW of 3A Commons Street, Hurlstone Park.

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	22/12/2024	Day 08:00 to 18:00	General track related construction activities	• Handheld powered and non-powered tools	• Highest ambient LAeq in period at Monitoring Location is 65 • Excluding the following non-construction related event being identified: 22/12/2024 11:00 65 Worker talking next to Monitor 22/12/2024 13:30 63 Worker talking next to Monitor 22/12/2024 13:45 61 Worker talking next to Monitor • Construction related LAeq in period at Monitoring Location is 61	64	Y	• RBL: 38 dBA • The construction related highest LAeq in work period is lower than the predicted level. • **Predicted noise levels (Day shift works) in this didn't trigger offers for additional mitigation measures.** • **Appropriate mitigation measures being offered**

Vibration Monitoring Data - Monthly Summary

Month and Year	December 2024								
Project	Sydney Metro SWM3								
EPL license No.	21147								
EPL Weblink	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&id=21147&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued								
Specific EPL monitoring conditions	M7.2 - Vibration monitoring								
Monitoring Location	**Number of times monitoring during the month**	**Attended or continuous monitoring**	**Event based monitoring (Y/N)**	**Parameter eg.PPV**	**Unit**	**Minimum value for month**	**Maximum value for month**	**Goals/Targets**	**Comment**
SWM3									No activities requiring vibration monitoring

Business

Business

Business