Nonth and Year	April 2024								1011
roject	Sydenham Metro upgrade								LAING O'ROURKE
PL License No.	21147								HOLLAN
PL Weblink	https://apps.epa.nsw.gov.au/prpod	eoapp/Detail.aspx?inst	id=21147&id=21147	&option=licence&s	earchrange=licence&	range=POEO%20licence&	prp=no&status=Issued		
	M2 - Requirement to monitor con	centration of pollutan	ts discharged						
pecific EPL monitoring conditions		centration of pollutan	ts discharged						
pecific EPL monitoring conditions		centration of pollutan	ts discharged						
pecific EPL monitoring conditions Monitoring Location	Number of times monitored	Eventbased	Parameter eg.	Unit eg mg/L	Minimum	Maximum	AllowableMaximum	AllowableMinimum	Comment
· · · · · · · · · · · · · · · · · · ·				Unit eg mg/L	Minimum valuefor month	Maximum valuefor month	AllowableMaximum limit	AllowableMinimum limit	Comment

Noise Monitorin	Noise Monitoring Data - Monthly Summary									
Month and Year	April 2024		The second secon							
Project	Sydenham Metro upgrade		LAINS OROUNKE HOLLAND							
EPL license No.	21147		HOLLAND							
EPL Weblink	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.a	spx?instid=21147&id=21147&option=licence&searchrange=licence⦥=POEO%20licence&prp=no&status=Issued_								
Specific EPL monitoring	M7.1 - Noise monitoring									
conditions										

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments	
1		13/04/2024	Day to Evening 7:00 to 22:00			62	No	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
2		13/04/2024 Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T. 6	60			No Construction Activities		
3		14/04/2024	Day to Evening 7:00 to 22:00		and13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	65	67	Yes	RBL: 38 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (65 dB) is lower than the predicted level (67 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.	
4	NCA 01 - (HEX505) Continuous Monitoring adjacent to 29 & 31 Leofrene Ave back wall	14/04/2024 To 15/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction	Payloader Handheld powered and non-powered tools Vac Trucks EWP/telehandler	62	66	Yes	RBL: 33 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (62 dB) is lower than the predicted level (66 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.	
5	Marrickville	15/04/2024	Day to Evening 7:00 to 22:00	activities	 Front-end loader Concrete truck and 	64	No	mal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model	
6	• 13 - 17/04/24	15/04/2024 To 16/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	3	ine pump Portable Generators Compressors Compactor Bogie Water pumps	62	66	Yes	RBL: 33 Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 62 dB due to general construction noise between the hours 22:00 to 07:00. The Highest Lacq in work period (62 dB) is lower than the predicted level (66 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.	
7		16/04/2024	Day to Evening 7:00 to 22:00		 4T Dumpy 60T crane 	60				
8		16/04/2024 To 17/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Site lights	57	66	Yes	RBL: 33 Lacq15min below predictions. Noise monitor detect highest LAcq15min value of 57 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (57 dB) is lower than the predicted level (66 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.	

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1		20/04/2024	Day to Evening 11:15 to 22:00		Excavators 3T. 6	68	No	ormal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
2		20/04/2024 To 21/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		and13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	59	62	Yes	RBL: 33 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 59 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (59 dB) is lower than the predicted level (62 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.
3	NCA 01 - (HEX514) Continuous Monitoring 12m NW of 17 Warburton St.	21/04/2024	Day to Evening 7:00 to 22:00	General track related construction	Payloader Handheld powered and non-powered tools Vac Trucks EWP/telehandler	61	65	Yes	RBL: 38 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (61 dB) is lower than the predicted level (65 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.
4	Marrickville • 20 - 24/04/24	21/04/2024 To 22/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	activities	Front-end loader Concrete truck and line pump Portable Generators	60			No Construction Activity
5		22/04/2024	Day to Evening 7:00 to 22:00		CompressorsCompactor	63		Non	mal construction hours 8:00 – 18:00, No construction activity after 18:00.
6		22/04/2024 To 23/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Bogie Water pumps 4T Dumpy 60T crane	61			No Construction Activity
7		23/04/2024	Day to Evening 7:00 to 22:00		Site lights	63		Non	mal construction hours 8:00 – 18:00, No construction activity after 18:00.
8		23/04/2024 To 24/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			66			No Construction Activity

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1		13/04/2024	Day to Evening 11:45 to 22:00			62		Normal co	onstruction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
2		13/04/2024 To 14/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			56	73	Yes	RBL: 33 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (56 dB) is lower than the predicted level (73 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.
3		14/04/2024	Day to Evening 7:00 to 22:00			66	74	Yes	RBL: 38 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 66 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (66 dB) is lower than the predicted level (74 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.
4		14/04/2024 To 15/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and13T (inc jack hammer attachments) Balloon tyre dump	58	73	Yes	RBL: 33 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (56 dB) is lower than the predicted level (73 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.
5		15/04/2024	Day to Evening 7:00 to 22:00		trucks (Hydrema)	61	No	rmal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
6	NCA 02 - (HEX514) Continuous Monitoring	15/04/2024 To 16/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track	Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	61	73	Yes	RBL: 33 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (61 dB) is lower than the predicted level (73 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.
7	12m N of 1 Ewart Ln, Dulwich Hill	16/04/2024	Day to Evening 7:00 to 22:00	related construction	 EWP/telehandler 	58	No	rmal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
8	• 13 - 20/04/24	16/04/2024 To 17/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	- activities	Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor Bogie	61	73	Yes	RBL: 33 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (61 dB) is lower than the predicted level (73 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.
9		17/04/2024	Day to Evening 7:00 to 22:00		 Water pumps 	57	No	mal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
10		17/04/2024 To 18/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		4T Dumpy 60T crane Site lights	58	73	Yes	RBL: 33 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (56 dB) is lower than the predicted level (73 dB) Predicted noise levels (Niightshift works) in this area triggered offers for Respite.
11		18/04/2024	Day to Evening 7:00 to 22:00			75	No	mal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
12		18/04/2024 To 19/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60	73	Yes	RBL: 33 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (60 dB) is lower than the predicted level (73 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.
13		19/04/2024	Day to Evening 7:00 to 22:00			62		Non	mal construction hours 8:00 – 18:00, No construction activity after 18:00.
14		19/04/2024 To 20/04/2024	Night 22:00 to 7:00			60			No Construction Activity

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1		13/04/2024	Day to Evening 7:00 to 22:00			70	No	rmal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
2		13/04/2024 To 14/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			71	57	Yes	RBL: 33 No exceedance due to construction activity The noise monitor recorded a highest LAeq15min value of 71 dB. This nighttime noise level of 71 dB appears consistent with the live ARTC freight train 15m from monitoring location
3		14/04/2024	Day to Evening 7:00 to 22:00			71	58	Yes	RBL: 38 No exceedance due to construction activity The noise monitor recorded a highest LAeq15min value of 71 dB. This nighttime noise level of 71 dB appears consistent with the live ARTC freight train 15m from monitoring location
4		14/04/2024 To 15/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			71	59	Yes	RBL: 33 No exceedance due to construction activity The noise monitor recorded a highest LAeq15min value of 71 dB. This nighttime noise level of 71 dB appears consistent with the live ARTC freight train 15m from monitoring location
5		15/04/2024	Day to Evening 7:00 to 22:00			71	No	rmal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
6		15/04/2024 To 16/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			70	59	Yes	RBL: 33 No exceedance due to construction activity The noise monitor recorded a highest LAeq15min value of 70 dB. This nighttime noise level of 71 dB appears consistent with the live ARTC freight train 15m from monitoring location
7		16/04/2024	Day to Evening 7:00 to 22:00		Excavators 3T, 6 and 13T (inc jack	73		Non	mal construction hours 8:00 – 18:00, No construction activity after 18:00.
8		16/04/2024 To 17/04/2024	Night 22:00 to 7:00		hammer attachments) Balloon tyre dump trucks (Hydrema)	73			No Construction Activity
9		17/04/2024	Day to Evening 7:00 to 22:00	1	Light vehiclesTrucks	70	No	rmal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
10	NCA 02 - (HEX516)	17/04/2024 To 18/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track	Payloader Handheld powered and non-powered tools	71	59	Yes	RBL: 33 No exceedance due to construction activity The noise monitor recorded a highest LAeq15min value of 71 dB. This nighttime noise level of 71 dB appears consistent with the live ARTC freight train 15m from monitoring location
11	 Continuous Monitoring 11m N of 81 Ewart St, 	18/04/2024	Day to Evening 7:00 to 22:00	related construction	 Vac Trucks EWP/telehandler 	74	No	rmal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
12	Dulwich Hill 13 - 24/04/24	18/04/2024 To 19/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	activities	Front-end loader Concrete truck and line pump Portable Generators Compressors	70	59	Yes	RBL: 33 No exceedance due to construction activity The noise monitor recorded a highest LAeq15min value of 70 dB. This nighttime noise level of 70 dB appears consistent with the live ARTC freight train 15m from monitoring location
13		19/04/2024	Day to Evening 7:00 to 22:00		 Compactor 	70	No	rmal constru	action hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
14		19/04/2024 To 20/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Bogie Water pumps 4T Dumpy 60T crane Site lights	70	59	Yes	RBL: 33 No exceedance due to construction activity The noise monitor recorded a highest LAeq15min value of 70 dB. This nighttime noise level of 70 dB appears consistent with the live ARTC freight train 15m from monitoring location
15		20/04/2024	Day to Evening 7:00 to 22:00		Site lights	70	No	rmal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
16		20/04/2024 To 21/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			70	59	Yes	RBL: 33 No exceedance due to construction activity The noise monitor recorded a highest LAeq15min value of 70 dB. This nighttime noise level of 70 dB appears consistent with the live ARTC freight train 15m from monitoring location
17		21/04/2024	Day to Evening 7:00 to 22:00			69	61	Yes	RBL: 38 No exceedance due to construction activity The noise monitor recorded a highest LAeq15min value of 71 dB. This nighttime noise level of 71 dB appears consistent with the live ARTC freight train 15m from monitoring location
18		21/04/2024 To 22/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			72	59	Yes	RBL: 33 No exceedance due to construction activity The noise monitor recorded a highest LAeq15min value of 72 dB. This nighttime noise level of 72 dB appears consistent with the live ARTC freight train 15m from monitoring location
19		22/04/2024	Day to Evening 7:00 to 22:00			71	No	rmal constru	action hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
20		22/04/2024 To 23/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			73	59	Yes	RBL: 33 No exceedance due to construction activity The noise monitor recorded a highest LAeq15min value of 73 dB. This nighttime noise level of 73 dB appears consistent with the live ARTC freight train 15m from monitoring location
21		23/04/2024	Day to Evening 7:00 to 22:00			75		Non	mal construction hours 8:00 – 18:00, No construction activity after 18:00.

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location		Compliant	Comments		
1		13/04/2024	Day to Evening 7:00 to 22:00			67	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
2		13/04/2024 To 14/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60	74	Yes	RBL: 34 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (80 dB) is lower than the predicted level (74 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.		
3		14/04/2024	Day to Evening 7:00 to 22:00			64	72	Yes	RBL: 38 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (64 dB) is lower than the predicted level (72 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.		
4		14/04/2024 To 15/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			63	74	Yes	RBL: 34 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (63 dB) is lower than the predicted level (74 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.		
5		15/04/2024	Day to Evening 7:00 to 22:00		Excavators 3T, 6	72	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		15/04/2024 To 16/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		and13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	68	74	Yes	RBL: 34 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 68 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (68 dB) is lower than the predicted level (74 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.		
7		16/04/2024	Day to Evening 7:00 to 22:00		 Payloader Handheld powered 	65	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8	NCA 03 - (HEX351) Continuous Monitoring 18m W of 2 Hopetoun St, Hurlstone Park 13 - 24/04/24	16/04/2024 To 17/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	and non-powered tools Vac Trucks EWP/telehandler Front-end loader Concrete truck and	69	74	Yes	RBL: 34 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 69 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (69 dB) is lower than the predicted level (74 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.		
9		17/04/2024	Day to Evening 7:00 to 22:00	1	 line pump Portable Generators 	64		Nor	mal construction hours 8:00 – 18:00, No construction activity after 18:00.		
10		17/04/2024 To 18/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Compressors Compactor Bogie Water pumps	68			No Construction Activity		
11		18/04/2024	Day to Evening 7:00 to 22:00		4T Dumpy 60T crane	71	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
12		18/04/2024 To 19/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Site lights	65	74	Yes	RBL: 34 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (65 dB) is lower than the predicted level (74 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.		
13		19/04/2024	Day to Evening 7:00 to 22:00			68		Nor	mal construction hours 8:00 – 18:00, No construction activity after 18:00.		
14		19/04/2024 To 20/04/2024	Night 22:00 to 7:00			67			No Construction Activity		
15		20/04/2024	Day to Evening 7:00 to 22:00			73		Nor	mal construction hours 8:00 – 18:00, No construction activity after 18:00.		
16		20/04/2024 To 21/04/2024	Night 22:00 to 7:00			62			No Construction Activity		
17		21/04/2024	Day to Evening 7:00 to 22:00			63	66	Yes	RBL: 38 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (63 dB) is lower than the predicted level (66 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.		

18	21/04/2024 To 22/04/2024 Night 22:00 to 7:00	67	No construction activity after 18:00.
19	22/04/2024 Day to Evenin 7:00 to 22:00	70	Normal construction hours 8:00 – 18:00, No construction activity after 18:00.
20	22/04/2024 Night To 23/04/2024 22:00 to 7:00	63	No Construction Activity
21	23/04/2024 Day to Evenin 7:00 to 22:00	69	Normal construction hours 8:00 – 18:00, No construction activity after 18:00.
22	23/04/2024 Night To 24/04/2024 22:00 to 7:00	74	No Construction Activity

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments	
1		13/04/2024	Day to Evening 7:00 to 22:00			59		Non	mal construction hours 8:00 – 18:00, No construction activity after 18:00.	
2		13/04/2024 To 14/04/2024	Night 22:00 to 7:00				58			No Construction Activity
3		14/04/2024	Day to Evening 7:00 to 22:00			60	69	Yes	RBL: 40 Laq15min below predictions. Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (60 dB) is lower than the predicted level (60 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.	
4		14/04/2024 To 15/04/2024	Night 22:00 to 7:00			61			No construction activity after 18:00.	
5		15/04/2024	Day to Evening 7:00 to 22:00			61		Non	mal construction hours 8:00 – 18:00, No construction activity after 18:00.	
6		15/04/2024 To 16/04/2024	Night 22:00 to 7:00			63			No Construction Activity	
7		16/04/2024	Day to Evening 7:00 to 22:00			60	No	rmal constru	oction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model	
8		16/04/2024 To 17/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles	65	73	Yes	RBL: 35 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (65 dB) is lower than the predicted level (73 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.	
9		17/04/2024	Day to Evening 7:00 to 22:00		Trucks Payloader	60		Non	mal construction hours 8:00 – 18:00, No construction activity after 18:00.	
10	NCA 04 - (HEX519) Continuous Monitoring M N of 10B Charles St, Canterbury	17/04/2024 To 18/04/2024	Night 22:00 to 7:00	General track related construction activities	Handheld powered and non-powered tools Vac Trucks EWP/telehandler Front-end loader	62	73	Yes	RBL: 35 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (62 dB) is lower than the predicted level (73 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.	
11	• 13 - 24/04/24	18/04/2024	Day to Evening 7:00 to 22:00	douvides	Concrete truck and line pump	64	No	mal constru	oction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model	
12		18/04/2024 To 19/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Portable Generators Compressors Compactor Bogie Water pumps 4T Dumpy	61	73	Yes	RBL: 35 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (61 dB) is lower than the predicted level (73 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.	
13		19/04/2024	Day to Evening 7:00 to 22:00		60T crane Site lights	64	No	mal constru	action hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model	
14		19/04/2024 To 20/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		,	61	73	Yes	RBL: 35 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (61 dB) is lower than the predicted level (73 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.	
15		20/04/2024	Day to Evening 7:00 to 22:00			63		Non	mal construction hours 8:00 – 18:00, No construction activity after 18:00.	
16		20/04/2024 To 21/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60			No Construction Activity	
17		21/04/2024	Day to Evening 7:00 to 22:00			60	74	Yes	RBL: 40 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (60 dB) is lower than the predicted level (74 dB) Predicted noise levels (Day shift works) in this area triggered offers for Respite.	
18		21/04/2024 To 22/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			61			No construction activity after 18:00.	

19	22/04/2024	Day to Evening 7:00 to 22:00		67	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
20	22/04/2024 To 23/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		62	73	Yes	RBL: 35 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (62 dB) is lower than the predicted level (73 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.
21	23/04/2024	Day to Evening 7:00 to 22:00		62		No	mal construction hours 8:00 – 18:00, No construction activity after 18:00.
22	23/04/2024 To 24/04/2024	Night 22:00 to 7:00		59			No Construction Activity

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1		17/04/2024	Day to Evening 7:00 to 22:00			69	No	rmal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
2		17/04/2024 To 18/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			69	54	Yes	RBL: 35 The noise monitor recorded a highest LAeq15min value of 69 dB. In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00 Live ARTC freight train 9m from monitoring location
3		18/04/2024	Day to Evening 7:00 to 22:00			67	No	mal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
4		18/04/2024 To 19/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			67	54	Yes	RBL: 35 The noise monitor recorded a highest LAeq15min value of 67 dB. In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00 Live ARTC freight train 9m from monitoring location
5		19/04/2024	Day to Evening 7:00 to 22:00		Excavators 3T. 6	70			
6		19/04/2024 To 20/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		and 13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	68	69	Yes	RBL: 35 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 68 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (68 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.
7]	20/04/2024	Day to Evening 7:00 to 22:00]	 Payloader Handheld powered 	73	No	rmal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model
8	NCA 08 - (HEX505) Continuous Monitoring 23m S of 3 Wilfred Avenue, Campsie. 17 - 24/04/24	20/04/2024 To 21/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	and non-powered tools Vac Trucks EWP/telehandler Front-end loader Concrete truck and	69	69	Yes	RBL: 35 Laeq15min matched predictions. Noise monitor detect highest LAeq15min value of 69 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (69 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.
9		21/04/2024	Day to Evening 7:00 to 22:00		line pump Portable Generators Compressors Compactor Bogie Water pumps	65	68	Yes	RBL: 45 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (65 dB) is lower than the predicted level (68 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.
10		21/04/2024 To 22/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		4T Dumpy 60T crane Site lights	69	69	Yes	RBL: 35 LAeq15min matched predictions. Noise monitor detect highest LAeq15min value of 69 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (69 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.
11		22/04/2024	Day to Evening 7:00 to 22:00			66		Nor	mal construction hours 8:00 – 18:00, No construction activity after 18:00.
12		22/04/2024 To 23/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			71			No Construction Activity
13		23/04/2024	Day to Evening 7:00 to 22:00			72		Nor	mal construction hours 8:00 – 18:00, No construction activity after 18:00.
14		23/04/2024 To 24/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			68			No Construction Activity

Note: continuous real time noise monitoring occurred between the 22/04/2024 to 23/04/2024 and 23/04/2024 to 24/04/2024 in the absence of construction activities at Monitoring Location G (NCA06) 23m South of 3 Wilfred Avenue, Campsie. There were a number of elevated LAeq15min periods throughout the day and night time period attributed to ARTC freight operations.

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments	
1		20/04/2024	04/2024 Day to Evening 7:00 to 22:00			70	No	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
2		20/04/2024 Night To (Modeled	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack)	64	69	Yes	RBL: 35 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (64 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.	
3		21/04/2024	Day to Evening 7:00 to 22:00		hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks Payloader	66	67	Yes	RBL: 41 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 86 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (86 dB) is lower than the predicted level (87 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.	
4	NCA 07 - (HEX513) Continuous Monitoring me of 1 & 3 Hall St back wall, Belmore 20 - 24/04/2024	21/04/2024 To 22/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	Handheld powered and non-powered tools Vac Trucks EWP/telehandler Front-end loader	61	69	Yes	RBL: 35 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (61 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.	
5	20 - 24/04/2024	22/04/2024	Day to Evening 7:00 to 22:00		 Concrete truck and line pump 	68	No	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		22/04/2024 To 23/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Portable Generators Compressors Compactor Bogie Water pumps 4T Dumpy	59	69	Yes	RBL: 35 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 59 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (59 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.	
7		23/04/2024	04/2024 Day to Evening 7:00 to 22:00		60T crane Site lights		No	rmal constru	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model	
8		23/04/2024 To 24/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			56	69	Yes	RBL: 35 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (56 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.	

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq15min in work period at Monitoring Location	Predicted noise level LAeq.15min Compliant at resident		Comments			
1		13/04/2024	Day to Evening 11:45 to 22:00			81 Normal construction hours 8:00 – 18:00, No construction activity after 1						
2		13/04/2024 To 14/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	rom (00)		55			No Construction Activity			
3		14/04/2024	Day to Evening 7:00 to 22:00			55	69	Yes	RBL: 47 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (56 dB) is lower than the predicted level (89 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.			
4		14/04/2024 To 15/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (inc lack)	53	65	Yes	RBL: 41 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (53 dB) is lower than the predicted level (85 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			
5		15/04/2024	Day to Evening 7:00 to 22:00		hammer attachments) Balloon tyre dump	58		Non	Normal construction hours 8:00 – 18:00, No construction activity after 18:00.			
6		15/04/2024 To 16/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		trucks (Hydrema) Light vehicles Trucks	53		No Construction Activity				
7	NCA 08 - (HEX513)	16/04/2024	Day to Evening 7:00 to 22:00		 Payloader Handheld powered and non-powered 	57	No	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model				
8	Continuous Monitoring 33m S of 54 Railway Parade, Lakemba 13 - 20/04/24	16/04/2024 To 17/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	tools Vac Trucks EWP/telehandler Front-end loader Concrete truck and	57	65	Yes	RBL: 41 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 57 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (57 dB) is lower than the predicted level (85 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			
9		17/04/2024	Day to Evening 7:00 to 22:00		Portable Generators Compressors	56	No	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model				
10		17/04/2024 To 18/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Compactor Bogie Water pumps 4T Dumpy 60T crane Site lights	51	65	Yes	RBL: 41 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (51 dB) is lower than the predicted level (85 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			
11		18/04/2024	Day to Evening 7:00 to 22:00		Site agrics	66	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model			
12		18/04/2024 To 19/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			57	65	Yes	RBL: 41 LAeq15min below predictions Noise monitor detect highest LAeq15min value of 57 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (57 dB) is lower than the predicted level (85 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			
13		19/04/2024	Day to Evening 7:00 to 22:00			58	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model			
14		19/04/2024 To 20/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			71	53	Yes	 RBL: 41 One LAeq15min period above predictions of 71dB @01:00. The noise was attributed to a single noise event at 01:00AM, with a LAmax of 97dB. The noise has been identified as emergency service siren, not related to construction. The LA10 and LA90 for this period was similar to other periods indicating a short sharp impact from the siren. The next highest LAeq15min in this work period was 54dB (considered acceptable, AMMs consistent with predictions), all other periods were below 53dB. 			

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident		Comments			
1		13/04/2024 Day to Evening 7:00 to 22:00					64	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
2		13/04/2024 Night To 22:00 to 7:00 Modeled from	To 22:00 to 7:00			56	63	Yes	RBL: 41 Lacq15min below predictions. Noise monitor detect highest LAcq15min value of 56 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (56 dB) is lower than the predicted level (63 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			
3		14/04/2024	Day to Evening 7:00 to 22:00			62 Calculated actual noise at the resident is 43	51	Yes	RBL: 47 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 43 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (43 dB) is lower than the predicted level (51 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.			
4		14/04/2024 To 15/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			55	63	Yes	RBL: 41 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (55 dB) is lower than the predicted level (63 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			
5		15/04/2024	Day to Evening 7:00 to 22:00]	Excavators 3T, 6	63	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model			
6		15/04/2024 To 16/04/2024	024 Night 22:00 to 7:00	and 13T (inc jack hammer attachments) 2024		ht 5 7:00 d from				and 13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	and 13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles	RBL: 41 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (53 dB) is lower than the predicted level (64 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.
7		16/04/2024 Day to Evening 7:00 to 22:00			 Payloader Handheld powered 	55	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model					
8	NCA 10 - (HEX312) Continuous Monitoring 75m SW of 43 Urunga Parade, Punchbowl 13 - 24/04/24	nitoring 16/04/2024 Night General track related Construction (Modeled from construction	and non-powered tools Vac Trucks EWP/telehandler Front-end loader Concrete truck and	54	64	Yes	RBL: 41 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (54 dB) is lower than the predicted level (64 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.					
9		17/04/2024	Day to Evening 7:00 to 22:00		 line pump Portable Generators 	59	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model			
10		17/04/2024 To 18/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Compressors Compactor Bogie Water pumps 4T Dumpy 60T crane	58	64	Yes	RBL: 41 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 58 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (58 dB) is lower than the predicted level (64 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			
11		18/04/2024	Day to Evening 7:00 to 22:00]	Site lights	66	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model			
12		18/04/2024 To 19/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			56	64	Yes	RBL: 41 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (56 dB) is lower than the predicted level (64 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			
13		19/04/2024	Day to Evening 7:00 to 22:00	1		60		Normal construction hours 8:00 – 18:00, No construction activity after 18:00.				
14		19/04/2024 To 20/04/2024	Night 22:00 to 7:00			54	No Construction Activity		No Construction Activity			
15		20/04/2024	Day to Evening 7:00 to 22:00			70	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model			
16		20/04/2024 To 21/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			53	60	Yes	RBL: 41 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (53 dB) is lower than the predicted level (60 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			

17		7:00	to Evening 10 to 22:00	58	RBL: 47 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 58 dB due to general construct between the hours 07:00 to 22:00. The Highest LAeq in work period (58 dB) is lower than the predicted level (64 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers f					
18	Т	14/2024 To 22:0	Night :00 to 7:00	60	No construction activity after 18:00.					
19	22/04		to Evening 00 to 22:00	60	Normal construction hours 8:00 – 18:00, No construction activity after 18:00.					
20	T	14/2024 To 22:0	Night :00 to 7:00	61	No Construction Activity					
21	23/04		to Evening 00 to 22:00	60	Normal construction hours 8:00 – 18:00, No construction activity after 18:00.					
22	T	14/2024 To 22:0	Night :00 to 7:00	57	No Construction Activity					

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments								
1		13/04/2024	24 Day to Evening 7:00 to 22:00			64	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model								
2		13/04/2024 Night 22:00 to 7:00 (Modeled from 18:00 to 7:00) 14/04/2024 Day to Evening 7:00 to 22:00	Night 00 to 7:00 deled from 10 to 7:00) to Evening		51	46	Yes	RBL: 42 No exceedance due to construction activity Exceedance due to high bird activity in the area in occasional LAeq15min period									
3					58	46	Yes	RBL: 54 No exceedance due to construction activity Exceedance due to high bird activity in the area in the area in occasional LAeq15min period									
4		14/04/2024 Night To 22:00 to 7:00 15/04/2024 (Modeled from 15/04/2024 18:00 to 7:00)				55	46	Yes	RBL: 42 No exceedance due to construction activity Exceedance due to high bird activity in the area in the area in occasional LAeq15min period								
5		15/04/2024	Day to Evening 7:00 to 22:00			79	No	ormal constr	action hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model								
6		15/04/2024 To 16/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	68	Yes	RBL: 42 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (52 dB) is lower than the predicted level (68 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.								
7		16/04/2024	Day to Evening 7:00 to 22:00		Excavators 3T, 6	77	No	ormal constr	uction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model								
8		16/04/2024 To 17/04/2024	Night 704/2024 22:00 to 7:00							2:00 to 7:00 Modeled from	and 13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	attachments) tyre dump dydrema) 50 68 Yes LAeq15min below predictions. Noise monitor detect highest LAeq15min value of between the hours 22:00 to 07:00. The Highest LAeq in work period (50 dB) is lower to Predictional poise levels (Mightshift works) in the prediction of the predict	LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 50 dB due to general construction noise
9		17/04/2024 Day to Evening 7:00 to 22:00			 Payloader Handheld powered 	77	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model										
10	NCA 12 - (HEX515) Continuous Monitoring 86m NW of 2 A West Terrace, Bankstown 13 - 24/04/24	Continuous Monitoring 6m NW of 2 A West errace, Bankstown 18/104/2024 18/104/2024 (Modeled from	General track related construction activities	and non-powered tools Vac Trucks EWP/telehandler Front-end loader Concrete truck and line pump	51	68	Yes	RBL: 42 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (51 dB) is lower than the predicted level (68 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.									
11		18/04/2024	Day to Evening 7:00 to 22:00		Portable Generators Compressors Compactor Bogie Water pumps 4T Dumpy 60T crane Site lights	77	No	ormal constru	action hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model								
12		18/04/2024 To 19/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			53	68	Yes	RBL: 42 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (53 dB) is lower than the predicted level (68 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.								
13		19/04/2024	Day to Evening 7:00 to 22:00			71	No	ormal constru	action hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model								
14		19/04/2024 To 20/04/2024 Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)				50	69	Yes	RBL: 42 Laeq15min below predictions. Noise monitor detect highest LAeq15min value of 50 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (50 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.								
15		20/04/2024	Day to Evening 7:00 to 22:00			64	No	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model									
16		20/04/2024 To 21/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			50	69	Yes	RBL: 42 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 50 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (50 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.								
17		21/04/2024	Day to Evening 7:00 to 22:00			69	71	Yes	RBL: 54 LAeq15min below predictions.								

					 Noise monitor detect highest LAeq15min value of 69 dB due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (69 dB) is lower than the predicted level (71 dB) Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite. 			
18	21/04/2024 To 22/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	53	69	RBL: 42 Leqt 5min below predictions. Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (53 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			
19	22/04/2024	Day to Evening 7:00 to 22:00	76	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model				
20	22/04/2024 To 23/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	51	69	RBL: 42 Leq15min below predictions. Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (51 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			
21	23/04/2024	Day to Evening 7:00 to 22:00	68	No	rmal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model			
22	23/04/2024 To 24/04/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	53	69	RBL: 42 Leqf 5min below predictions. Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (53 dB) is lower than the predicted level (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite.			

/ibration Monitoring Data - Monthly Summary											
Month and Year	April 2024								IOHN		
Project	Sydenham Metro upgrade								LAING O'ROURKE HOLLAND		
EPL license No.	21147								House		
EPL Weblink	https://apps.epa.nsw.gov.au/p	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&option=licence&searchrange=licence⦥=POEO%20licence&prp=no&status=Issued									
Specific EPL monitoring conditions	M7.2 - Vibration monitoring	M7.2 - Vibration monitoring									
Monitoring Location	Number of times monitoredduring the month	Attended or continuous monitoring	Eventbased monitoring (Y/N)	Parameter eg.PPV	Unit	Minimum valuefor month	Maximum valuefor month	Goals/Targets	Comment		
South West Metro Corridor									No activities requiring vibration monitoring		