





Water Monitoring Data - Monthly Summary									
Month and Year	July 2023								
Project	Sydenham Metro upgrade								
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								
	M2 - Requirement to monitor concentration of pollutants discharged								
Specific EPL monitoring conditions									
Monitoring Location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter eg. TSS, pH	Unit eg mg/L	Minimum value for month	Maximum value for month	Allowable Maximum limit	Allowable Minimum limit	Comment
South West Metro Corridor Waterways	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No activities requiring water monitoring

Noise Monitoring Data - Monthly Summary									
Month and Year	July 2023		<div></div> <div></div>						
Project	Sydenham Metro upgrade								
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								
Monitoring Location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. LAeq (15min)	Unit	Min value dB(A) for month	Actual value dB(A) for month	Predicted targets dB(A)	Comment
JULY SHUT 2023		Continuous	Y	LAeq (15min)	dB(A)	N/A	61.4	72	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 61.4 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LA_{eq} in work period (61.4 dB) is lower than the predicted level (72 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite.
NCA01 Marrickville East end of platform 2 at Marrickville Station	06/07/2023 Day to Evening 07:00 am to 22:00								
	07/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	59.5	72	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 59.5 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LA_{eq} in work period (59.5 dB) is lower than the predicted level (72 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite.
	07/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	61.7	72	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 61.7 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LA_{eq} in work period (61.7 dB) is lower than the predicted level (72 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite.
NCA02 Dulwich Hill 15m south of the east end of platform 2 at Dulwich Hill station	11/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	65.7	76	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 65.7 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LA_{eq} in work period (65.7 dB) is lower than the predicted level (76 dB)Predicted noise levels (weekday works) in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	12/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	64.3	76	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 64.3 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LA_{eq} in work period (64.3 dB) is lower than the predicted level (76 dB)Predicted noise levels (weekday works) in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	13/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	59.9	76	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 59.9 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LA_{eq} in work period (59.9 dB) is lower than the predicted level (76 dB)Predicted noise levels(weekday works) in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	14/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	58.9	76	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 58.9 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LA_{eq} in work period (58.9 dB) is lower than the predicted level (76 dB).Predicted noise levels (weekday works) in this area did not trigger offers for Respite or Alternative Accommodation (AA).
NCA03 Hurlstone Park 2m from the corridor fence line at 19 Floss St, Hurlstone Park	08/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	64.5	75	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 64.5 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LA_{eq} in work period (64.5 dB) is lower than the predicted level (75 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite.
	09/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	69.8	75	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 69.8 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LA_{eq} in work period (69.8 dB) is lower than the predicted level (75 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite.
	10/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	63.6	75	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 63.6 dB due to general construction noise between the hours of 07:00 and 22:00.

									<ul style="list-style-type: none"> The Highest LA_{req} in work period (63.6 dB) is lower than the predicted level (75 dB) Predicted noise levels (weekend works) in this area triggered offers for Respite.
	11/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	58	75	<ul style="list-style-type: none"> RBL: 38 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 58.0 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (58.0 dB) is lower than the predicted level (75 dB) Predicted noise levels (weekend works) in this area triggered offers for Respite.
NCA04 Canterbury 15m west of the north abutment and 5m from 94 Church St, Canterbury	07/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	57.1	65	<ul style="list-style-type: none"> RBL: 40 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 57.1 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (57.1 dB) is lower than the predicted level (65 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	08/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	58.7	65	<ul style="list-style-type: none"> RBL: 40 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 58.7 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (58.7dB) is lower than the predicted level (65dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	09/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	56.6	65	<ul style="list-style-type: none"> RBL: 40 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 56.6 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (56.6 dB) is lower than the predicted level (65 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	10/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	56.9	65	<ul style="list-style-type: none"> RBL: 40 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 56.9 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (56.9 dB) is lower than the predicted level (65 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	11/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	56.6	65	<ul style="list-style-type: none"> RBL: 40 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 56.6 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (56.6 dB) is lower than the predicted level (65 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
NCA06 Campsie 18m south of 1 Assests St, Campsie	07/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	66.5 (Actual at resident 65)	66	<ul style="list-style-type: none"> RBL: 45 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 66.5 dB due to general construction noise between the hours of 07:00 and 22:00. The Actual Highest LA_{req} in work period (65 dB) is lower than the predicted level (66 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	08/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	59.4	66	<ul style="list-style-type: none"> RBL: 45 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 59.4 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (59.4 dB) is lower than the predicted level (66 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	09/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	58.3	66	<ul style="list-style-type: none"> RBL: 45 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 58.3 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (58.3 dB) is lower than the predicted level (66 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	10/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	55.8	66	<ul style="list-style-type: none"> RBL: 45 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 55.8 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (55.8 dB) is lower than the predicted level (66 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	11/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	56.8	66	<ul style="list-style-type: none"> RBL: 45 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 56.8 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (56.8 dB) is lower than the predicted level (66 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative

									Accommodation (AA).
NCA07 Belmore 34m south of 28 Redman Pde, Belmore	06/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	52.2	65	<ul style="list-style-type: none"> RBL: 41 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 52.2 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (52.2 dB) is lower than the predicted level (65 dB) Predicted noise levels (weekday works) in this area did not trigger offers for Respite.
	07/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	60.3	65	<ul style="list-style-type: none"> RBL: 41 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 59.4 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (60.3 dB) is lower than the predicted level (65 dB) Predicted noise levels (weekday works) in this area did not trigger offers for Respite.
NCA09 Wiley Park 12m south of 76 King George Road, Wiley Park (middle building)	10/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	54.9	67	<ul style="list-style-type: none"> RBL: 44 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 54.9 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (54.9 dB) is lower than the predicted level (67 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	11/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	55.4	67	<ul style="list-style-type: none"> RBL: 44 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 55.4 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (55.4 dB) is lower than the predicted level (67 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	12/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	54.3	67	<ul style="list-style-type: none"> RBL: 44 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 54.3 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (54.3 dB) is lower than the predicted level (67 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
NCA10 Punchbowl 2m from corridor fence line at 15South Terrace (Loder Lane), Punchbowl.	08/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	59.8	68	<ul style="list-style-type: none"> RBL: 47 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 59.8 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (59.8 dB) is lower than the predicted level (68 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	09/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	56.1	68	<ul style="list-style-type: none"> RBL: 47 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 56.1 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (56.1 dB) is lower than the predicted level (68 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	10/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	55.5	68	<ul style="list-style-type: none"> RBL: 47 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 55.5 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (55.5 dB) is lower than the predicted level (68 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	11/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	55	68	<ul style="list-style-type: none"> RBL: 47 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 55.0 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (55.0 dB) is lower than the predicted level (68 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	12/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	57.2	68	<ul style="list-style-type: none"> RBL: 47 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 57.2 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (57.2 dB) is lower than the predicted level (68 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
NCA11 Bankstown 52m east of 124 South Terrace and 47m south of 116 South Terrace	10/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	59.8	69	<ul style="list-style-type: none"> RBL: 47 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 59.8 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LA_{req} in work period (59.8 dB) is lower than the predicted level (69 dB) Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).

	11/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	L _{Aeq} (15min)	dB(A)	N/A	58.9	69	<ul style="list-style-type: none"> • RBL: 47 • L_{Aeq}15min below predictions. • Noise monitor detect highest L_{Aeq}15min value of 58.9 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest L_{A_{req}} in work period (58.9 dB) is lower than the predicted level (69 dB) • Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).
	12/07/2023 Day to Evening 07:00 am to 22:00	Continuous	Y	L _{Aeq} (15min)	dB(A)	N/A	56.2	69	<ul style="list-style-type: none"> • RBL: 47 • L_{Aeq}15min below predictions. • Noise monitor detect highest L_{Aeq}15min value of 56.2 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest L_{A_{req}} in work period (56.2 dB) is lower than the predicted level (69 dB) • Predicted noise levels in this area did not trigger offers for Respite or Alternative Accommodation (AA).

Vibration Monitoring Data - Monthly Summary

Month and Year	July 2023	<div><div></div></div>							<div><div></div></div>	<div>JOHN HOLLAND</div>	
Project	Sydenham Metro upgrade										
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 monitored 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		
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No activities requiring vibration monitoring		

