



jWater Monitoring Data - Monthly Summary



Month and Year	August 2023	<div><div></div><div>LAING O'ROURKE</div></div> <div><div>JOHN HOLLAND</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	M2 - Requirement to monitor concentration of pollutants discharged								
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									No activities requiring water monitoring



Noise Monitoring Data - Monthly Summary									
Month and Year	August 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=POE0%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
AUGUST POSSESSION 2023 NCA01 Marrickville Adjacent to 7 Randall Street, Marrickville backyard fence, 88m west of Livingstone Road	26/08/23 Night 4:00 to 7:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	45	59	<ul style="list-style-type: none">RBL: 33LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 45 dB due to general construction noise between the hours of 04:00 and 07:00.The Highest LAeq in work period (45 dB) is lower than the predicted level (59 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite.
	26/08/23 Day to Evening 7:00 to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	60	73	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LAeq in work period (60 dB) is lower than the predicted level (73 dB)Predicted noise levels (weekend works) in this area trigger offers for Respite.
	26-27/8/2023 Night 22:00 to 7:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	52	74	<ul style="list-style-type: none">RBL: 33LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 pm and 07:00 am.The Highest LAeq in work period (52dB) is lower than the predicted level (74 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite and Alternative Accommodation (AA).
	27/08/23 Day to Evening 7:00 to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	60	73	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LAeq in work period (60 dB) is lower than the predicted level (73 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite.
NCA 02 Dulwich Hill 1m south of Kays Ave West corridor fence, 88m west of Albermarle St Bridge	26/08/23 Night 4:00 to 7:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	45	45	<ul style="list-style-type: none">RBL: 33LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 45 dB due to general construction noise between the hours of 04:00 and 07:00 am.The Highest LAeq in work period (45 dB) is match the predicted level (45 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite.
	26/08/23 Day to Evening 7:00 to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	63	73	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours of 07:00 and 22:00.The Highest LAeq in work period (63 dB) is lower than the predicted level (73 dB)Predicted noise levels (weekend works) in this area did not trigger offers for Respite.
	26-27/8/2023 Night 22:00 to 7:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	70	70	<ul style="list-style-type: none">RBL: 33LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 70 dB due to general construction noise between the hours of 22:00 and 07:00.The Highest LAeq in work period (70dB) is match the predicted level (70 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite and Alternative Accommodation (AA).
	27/08/23 Day to Evening 7:00 to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	66	72	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 66 dB due to general construction noise between the hours of 07:00 am and 22:00 pm.The Highest LAeq in work period (66 dB) is lower than the predicted level (72 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite.
NCA 03 Hurlstone Park Adjacent to 22 Kilbride Street, Hurlstone Park backyard fence, 27m west of Kilbridge Street corridor gate.	26/08/23 Night 4:00 to 7:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	52	56	<ul style="list-style-type: none">RBL: 34LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 04:00 and 07:00.The Highest LAeq in work period (52 dB) is lower than the predicted level (56 dB)Predicted noise levels (weekend works) in this area triggered offers for Respite.
	26/08/23 Day to Evening 7:00 to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	67	75	<ul style="list-style-type: none">RBL: 38LAeq15min below predictions.Noise monitor detect highest LAeq15min value of 67 dB due to general construction noise between the hours of 07:00 and 22:00.

									<ul style="list-style-type: none"> The Highest LAeq in work period (67 dB) is lower than the predicted level (75 dB) Predicted noise levels (weekend works) in this area did not trigger offers for Respite.
	26-27/8/2023 Night 22:00 to 7:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	65	75	<ul style="list-style-type: none"> RBL: 34 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours of 22:00 and 07:00. The Highest LAeq in work period (65 dB) is lower than the predicted level (75 dB) Predicted noise levels (weekend works) in this area triggered offers for Respite and Alternative Accommodation (AA).
	27/08/23 Day to Evening 7:00 to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	73	75	<ul style="list-style-type: none"> RBL: 38 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 73 dB due to general construction noise between the hours of 07:00 am and 22:00 pm. The Highest LAeq in work period (73 dB) is lower than the predicted level (75 dB) Predicted noise levels (weekend works) in this area triggered offers for Respite.
NCA 04 Canterbury Adjacent to southwest corner of 94 Church Street, Canterbury, 22m west of Church Street bridge.	26/08/23 Night 4:00 to 7:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	47	N/A	<ul style="list-style-type: none"> No Construction Activities
	26/08/23 Day to Evening 7:00 to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	51	65	<ul style="list-style-type: none"> RBL: 40 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LAeq in work period (51 dB) is lower than the predicted level (65 dB) Predicted noise levels (weekend works) in this area did not trigger offers for Respite
	26-27/8/2023 Night 22:00 to 7:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	52	68	<ul style="list-style-type: none"> RBL: 35 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 and 07:00. The Highest LAeq in work period (52dB) is lower than the predicted level (68 dB) Predicted noise levels (weekend works) in this area triggered offers for Respite and Alternative Accommodation (AA).
	27/08/23 Day to Evening 7:00 to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	57	65	<ul style="list-style-type: none"> RBL: 40 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 57 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LAeq in work period (57 dB) is lower than the predicted level (65 dB) Predicted noise levels (weekend works) in this area triggered offers for Respite.
NCA 06 Campsie 12m to 77 Anglo Rd backyard fence, Campsie, 35m east of Loch Street bridge.	26/08/23 Night 4:00 to 7:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	53	59	<ul style="list-style-type: none"> RBL: 35 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 04:00 and 07:00. The Highest LAeq in work period (52 dB) is lower than the predicted level (56 dB) Predicted noise levels (weekend works) in this area triggered offers for Respite.
	26/08/23 Day to Evening 7:00 to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	67	74	<ul style="list-style-type: none"> RBL: 45 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 67 dB due to general construction noise between the hours of 07:00 and 22:00. The Highest LAeq in work period (67 dB) is lower than the predicted level (75 dB) Predicted noise levels (weekend works) in this area did not trigger offers for Respite
	26-27/8/2023 Night 22:00 to 7:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	65	75	<ul style="list-style-type: none"> RBL: 35 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours of 22:00 and 07:00. The Highest LAeq in work period (65 dB) is lower than the predicted level (75 dB) Predicted noise levels (weekend works) in this area triggered offers for Respite and Alternative Accommodation (AA).
	27/08/23 Day to Evening 7:00 to 22:00	Continuous	Y	LAeq (15min)	dB(A)	N/A	73	75	<ul style="list-style-type: none"> RBL: 45 LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 73 dB due to general construction noise between the hours of 07:00 am and 22:00 pm. The Highest LAeq in work period (73 dB) is lower than the predicted level (75 dB) Predicted noise levels (weekend works) in this area triggered offers for Respite.

Vibration Monitoring Data - Monthly Summary

Month and Year	August 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									
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	
South West Metro Corridor									No activities requiring vibration monitoring	

