





Water Monitoring Data - Monthly Summary									
Month and Year	May 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	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	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	May 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	Max value dB(A) for month	Goals / targets dB(A)	Comment
WE45 NCA01 80m north-west of 17 Warburton Street, 30m (across track) south-west of 20 Arthur Street, Marrickville	Friday 5/05/23 Night	Continuous	Y	LAeq (15min)	dB(A)	N/A	99	82	<ul style="list-style-type: none">• RBL: 33 dB• LAeq15min below predictions.• Highest LAeq15min value of 49.757 dB due to general construction noise between the hours of 12:00 am and 07:00 am.• Respite and alternate accommodation provided to residents.
80m north-west of 17 Warburton Street, 30m (across track) south-west of 20 Arthur Street, Marrickville	Saturday 6/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	83	78	<ul style="list-style-type: none">• RBL: 38• LAeq15min below predictions.• Highest LAeq15min value of 58.533 dB due to general construction noise between the hours of 07:00 am and 22:00 pm.• Respite provided to residents
80m north-west of 17 Warburton Street, 30m (across track) south-west of 20 Arthur Street, Marrickville	6/05/2023 Night	Continuous	Y	LAeq (15min)	dB(A)	N/A	85	80	<ul style="list-style-type: none">• RBL: 33 dB• LAeq15min below predictions.• Highest LAeq15min value of 56.673 dB due to general construction noise between the hours of 07:00 pm and 07:00 am.• Respite and alternate accommodation provided to residents.
80m north-west of 17 Warburton Street, 30m (across track) south-west of 20 Arthur Street, Marrickville	Sunday 7/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	87	84	<ul style="list-style-type: none">• RBL: 38• LAeq15min below predictions.• Highest LAeq15min value of 56.902 dB due to general construction noise between the hours of 07:00 am and 22:00 pm.• Respite provided to residents.
NCA02 12m north of 83 Ewart Street, 100m north-west of new site entrance, Dulwich Hill	Friday 5/05/23 Night	Continuous	Y	LAeq (15min)	dB(A)	N/A	94	76	<ul style="list-style-type: none">• RBL: 33 dB• LAeq15min below predictions.• Highest LAeq15min value of 49.218 dB due to general construction noise between the hours of 12:00 am and 07:00 am.• Respite and alternate accommodation provided to residents.
12m north of 83 Ewart Street, 100m north-west of new site entrance, Dulwich Hill	Saturday 6/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	102	76	<ul style="list-style-type: none">• RBL: 38• LAeq15min below predictions.• Highest LAeq15min value of 63.026 dB due to general construction noise between the hours of 07:00 am and 22:00 pm.• Respite provided to residents.
12m north of 83 Ewart Street, 100m north-west of new site entrance, Dulwich Hill	6/05/2023 Night	Continuous	Y	LAeq (15min)	dB(A)	N/A	87	76	<ul style="list-style-type: none">• RBL: 33 dB• LAeq15min below predictions.• Highest LAeq15min value of 69.921 dB due to general construction noise between the hours of 22:00 pm and 07:00 am.• Respite and alternate accommodation provided to residents.
12m north of 83 Ewart Street, 100m north-west of new site entrance, Dulwich Hill	Sunday 7/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	96	76	<ul style="list-style-type: none">• RBL: 38• LAeq15min below predictions.• Highest LAeq15min value of 63.980 dB due to general construction noise between the hours of 07:00 am and 22:00 pm.• Respite provided to residents
NCA03 5m south of 48A Kilbride Street and 72m east of Melford Street, Hurlstone Park	Friday 5/05/23 Night	Continuous	Y	LAeq (15min)	dB(A)	N/A	96	80	<ul style="list-style-type: none">• RBL: 34 dB• LAeq15min below predictions.• Highest LAeq15min value of 51.588 dB due to general construction noise between the hours of 12:00 pm and 07:00 am.• Respite and alternate accommodation provided to residents.
5m south of 48A Kilbride Street and 72m east of Melford Street, Hurlstone Park	Saturday 6/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	91	78	<ul style="list-style-type: none">• RBL: 38• LAeq15min below predictions.• Highest LAeq15min value of 58.336 dB due to general construction noise between the hours of 07:00 am and 22:00 pm.• Respite provided to residents.
5m south of 48A Kilbride Street and 72m east of Melford Street, Hurlstone Park	6/05/2023 Night	Continuous	Y	LAeq (15min)	dB(A)	N/A	89	79	<ul style="list-style-type: none">• RBL: 34 dB• LAeq15min below predictions.• Highest LAeq15min value of 62.584 dB due to general construction noise between the hours of 22:00 pm and 07:00 am.• Respite and alternate accommodation provided to residents.
5m south of 48A Kilbride Street and 72m east of Melford Street, Hurlstone Park	Sunday 7/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	99	78	<ul style="list-style-type: none">• RBL: 38• LAeq15min below predictions.• Highest LAeq15min value of 68.842 dB due to general construction noise between the hours of 07:00 am and 22:00 pm.• Respite provided to residents.
NCA05 28m north of 28 South Parade, 43m north-west of site entrance, Campsie	Friday 5/05/23 Night	Continuous	Y	LAeq (15min)	dB(A)	N/A	84	74	<ul style="list-style-type: none">• RBL: 32 dB• LAeq15min below predictions.• Highest LAeq15min value of 54.543 dB due to general construction noise between the hours of 12:00 am and 07:00 am.• Respite and alternate accommodation provided to residents.
28m north of 28 South Parade, 43m north-west of site entrance, Campsie	Saturday 6/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	96	74	<ul style="list-style-type: none">• RBL: 36• LAeq15min below predictions.• Highest LAeq15min value of 54.081 dB due to general construction noise between the hours of 07:00 am and 22:00 pm.• Respite provided to residents.
28m north of 28 South Parade, 43m north-west of site entrance, Campsie	6/05/2023 Night	Continuous	Y	LAeq (15min)	dB(A)	N/A	79	74	<ul style="list-style-type: none">• RBL: 32 dB• LAeq15min below predictions.• Highest LAeq15min value of 55.098 dB due to general construction noise between the hours of 22:00 pm and 07:00 am.• Respite and alternate accommodation provided to residents.

28m north of 28 South Parade, 43m north-west of site entrance, Campsie	Sunday 7/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	89	74	<ul style="list-style-type: none"> RBL: 36 LAeq15min below predictions. Highest LAeq15min value of 55.446 dB due to general construction noise between the hours of 07:00 am and 22:00 pm. Respite provided to residents.
WE47 NCA01 80m north-west of 17 Warburton Street, 30m (across track) south-west of 20 Arthur Street, Marrickville	Saturday 20/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	96	59	<ul style="list-style-type: none"> RBL: 38 LAeq15min below predictions. The calculated actual LAeq15min value at nearest resident is 59 dB due to general construction noise between the hours of 07:00 am and 22:00 pm. Predicted noise levels did not trigger offers for Respite and alternate accommodation.
80m north-west of 17 Warburton Street, 30m (across track) south-west of 20 Arthur Street, Marrickville	Sunday 21/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	100	59	<ul style="list-style-type: none"> RBL: 38 LAeq15min below predictions. Highest LAeq15min value of 55.83 dB due to general construction noise between the hours of 07:00 am and 22:00 pm. Predicted noise levels did not trigger offers for Respite and alternate accommodation
NCA07 110m east of Cecilia Street, 25m south of 10 Redman Parade, Belmore	Saturday 20/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	89	64	<ul style="list-style-type: none"> RBL: 41 LAeq15min below predictions. The calculated actual LAeq15min value at nearest resident is 62 dB due to general construction noise between the hours of 07:00 am and 22:00 pm. Predicted noise levels did not trigger offers for Respite
110m east of Cecilia Street, 25m south of 10 Redman Parade, Belmore	Sunday 21/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	Data invalid	64	<ul style="list-style-type: none"> RBL: 41 LAeq15min below predictions. 21/05/23 wind speed recorded at 17.5 m/s, exceeding the RTA monitoring guideline wind speed limit (5 m/s). Noise monitoring data is invalid. Predicted noise levels did not trigger offers for Respite
NCA09 120m east of Alice Street North and 35m south of 67 Railway Parade, Lakemba	Saturday 20/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	96	67	<ul style="list-style-type: none"> RBL: 44 LAeq15min below predictions. Highest LAeq15min value of 66.61 dB due to general construction noise between the hours of 07:00 am and 22:00 pm. Predicted noise levels did not trigger offers for Respite
120m east of Alice Street North and 35m south of 67 Railway Parade, Lakemba	Sunday 21/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	87	67	<ul style="list-style-type: none"> RBL: 44 LAeq15min below predictions. Highest LAeq15min value of 66.759 dB due to general construction noise between the hours of 07:00 am and 22:00 pm. Predicted noise levels did not trigger offers for Respite
NCA11 40 m west of Stacy Street, 10 m north of South Terrace, Bankstown	Friday 19/05/2023 Night	Continuous	Y	LAeq (15min)	dB(A)	N/A	N/A	N/A	<ul style="list-style-type: none"> No Construction Activities during this period. Background noise level (LAeq15min) was observed at 61 dB during 12:00 am to 7:00 am
40 m west of Stacy Street, 10 m north of South Terrace, Bankstown	Saturday 21/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	Data invalid	58	<ul style="list-style-type: none"> RBL: 47 Monitoring data invalid – crew conversations at the location of the monitor Background LAeq15min value of 61 dB was observed during 12:00 am to 7:00 am, the background noise is higher than the predicted construction noise (LAeq15min value of 58 dB) Predicted noise levels did not trigger offers for Respite
40 m west of Stacy Street, 10 m north of South Terrace, Bankstown	Saturday 21/05/2023 Night	Continuous	Y	LAeq (15min)	dB(A)	N/A	73	58	<ul style="list-style-type: none"> RBL: 39 Excessive traffic from adjacent road during monitoring period Background LAeq15min value of 61 dB was observed during 12:00 am to 7:00 am, the background noise is higher than the predicted construction noise (LAeq15min value of 58 dB) Respite provided to residents.
40 m west of Stacy Street, 10 m north of South Terrace, Bankstown	Sunday 21/05/2023 Day	Continuous	Y	LAeq (15min)	dB(A)	N/A	Data invalid	58	<ul style="list-style-type: none"> RBL: 47 Excessive traffic from adjacent road during monitoring period Background LAeq15min value of 61 dB was observed during 12:00 am to 7:00 am, the background noise is higher than the predicted construction noise (LAeq15min value of 58 dB) Wind speed on the day recorded at 17.5 m/s, exceeding the RTA monitoring guideline wind speed limit (5 m/s). Noise monitoring data is invalid. Predicted noise levels did not trigger offers for Respite

Vibration Monitoring Data - Monthly Summary

Month and Year	May 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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No activities requiring vibration monitoring