



Water Monitoring Data - Monthly Summary

| | | | | | | | | | |
|------------------------------------|---|--|-----------------------|--------------|------------------------|------------------------|------------------------|------------------------|--|
| Month and Year | April 2024 | <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 | Eventbased monitoring (Y/N) | Parameter eg. TSS, pH | Unit eg mg/L | Minimum valuefor month | Maximum valuefor month | AllowableMaximum limit | AllowableMinimum limit | Comment |
| South WestMetroCorridor Waterways | | | | | | | | | No activities requiring water monitoring |



Noise Monitoring Data - Monthly Summary

| | | |
|------------------------------------|---|---|
| Month and Year | April 2024 |   |
| 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 | |

| 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 | NCA 01 - (HEX505) <ul style="list-style-type: none">Continuous Monitoring adjacent to 29 & 31 Leofrene Ave back wall, Marrickville13 - 17/04/24 | 13/04/2024 | Day to Evening 7:00 to 22:00 | General track related construction activities | <ul style="list-style-type: none">Excavators 3T, 6 and 13T (inc jack hammer attachments)Balloon tyre dump trucks (Hydrema)Light vehiclesTrucksPayloaderHandheld powered and non-powered toolsVac TrucksEWP/telehandlerFront-end loaderConcrete truck and line pumpPortable GeneratorsCompressorsCompactorBogieWater pumps4T Dumpy60T craneSite lights | 62 | Normal construction 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 | No Construction Activities | | |
| 3 | | 14/04/2024 | Day to Evening 7:00 to 22:00 | | | 65 | 67 | Yes | <ul style="list-style-type: none">RBL: 38LAeq15min 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 | | 14/04/2024 To 15/04/2024 | Night 22:00 to 7:00 (Modeled from 18:00 to 7:00) | | | 62 | 66 | Yes | <ul style="list-style-type: none">RBL: 33LAeq15min 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 | | 15/04/2024 | Day to Evening 7:00 to 22:00 | | | 64 | Normal construction 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) | | | 62 | 66 | Yes | <ul style="list-style-type: none">RBL: 33LAeq15min 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. |
| 7 | | 16/04/2024 | Day to Evening 7:00 to 22:00 | | | 60 | Normal construction 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) | | | 57 | 66 | Yes | <ul style="list-style-type: none">RBL: 33LAeq15min 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 (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 | <div>NCA 01 - (HEX514)</div> <ul style="list-style-type: none">Continuous Monitoring12m NW of 17 Warburton St, Marrickville20 - 24/04/24 | 20/04/2024 | Day to Evening 11:15 to 22:00 | General track related construction activities | <ul style="list-style-type: none">Excavators 3T, 6 and 13T (inc jack hammer attachments)Balloon tyre dump trucks (Hydrema)Light vehiclesTrucksPayloaderHandheld powered and non-powered toolsVac TrucksEWP/telehandlerFront-end loaderConcrete truck and line pumpPortable GeneratorsCompressorsCompactorBogieWater pumps4T Dumpy60T craneSite lights | 68 | Normal construction 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) | | | 59 | 62 | Yes | <ul style="list-style-type: none">RBL: 33LAeq15min 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 | | 21/04/2024 | Day to Evening 7:00 to 22:00 | | | 61 | 65 | Yes | <ul style="list-style-type: none">RBL: 38LAeq15min 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 | | 21/04/2024 To 22/04/2024 | Night 22:00 to 7:00 (Modeled from 18:00 to 7:00) | | | 60 | No Construction Activity | | |
| 5 | | 22/04/2024 | Day to Evening 7:00 to 22:00 | | | 63 | Normal 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) | | | 61 | No Construction Activity | | |
| 7 | | 23/04/2024 | Day to Evening 7:00 to 22:00 | | | 63 | Normal 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 | <div>NCA 02 - (HEX514)</div> <div><div><div>Continuous Monitoring</div><div>12m N of 1 Ewart Ln, Dulwich Hill</div><div>13 - 20/04/24</div></div></div> | 13/04/2024 | Day to Evening 11:45 to 22:00 | General track related construction activities | <div><div><div>Excavators 3T, 6 and 13T (inc jack hammer attachments)</div><div>Balloon tyre dump trucks (Hydrema)</div><div>Light vehicles</div><div>Trucks</div><div>Payloader</div><div>Handheld powered and non-powered tools</div><div>Vac Trucks</div><div>EWPs/telehandler</div><div>Front-end loader</div><div>Concrete truck and line pump</div><div>Portable Generators</div><div>Compressors</div><div>Compactor</div><div>Bogie</div><div>Water pumps</div><div>4T Dumpy</div><div>60T crane</div><div>Site lights</div></div></div> | 62 | Normal construction 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 | <div><div><div>RBL: 33</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours 22:00 to 07:00.</div><div>The Highest LAeq in work period (56 dB) is lower than the predicted level (73 dB)</div><div>Predicted noise levels (Nightshift works) in this area triggered offers for Respite.</div></div></div> |
| 3 | | 14/04/2024 | Day to Evening 7:00 to 22:00 | | | 66 | 74 | Yes | <div><div><div>RBL: 38</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 66 dB due to general construction noise between the hours 07:00 to 22:00.</div><div>The Highest LAeq in work period (66 dB) is lower than the predicted level (74 dB)</div><div>Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.</div></div></div> |
| 4 | | 14/04/2024 To 15/04/2024 | Night 22:00 to 7:00 (Modeled from 18:00 to 7:00) | | | 58 | 73 | Yes | <div><div><div>RBL: 33</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours 22:00 to 07:00.</div><div>The Highest LAeq in work period (56 dB) is lower than the predicted level (73 dB)</div><div>Predicted noise levels (Nightshift works) in this area triggered offers for Respite.</div></div></div> |
| 5 | | 15/04/2024 | Day to Evening 7:00 to 22:00 | | | 61 | Normal construction 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) | | | 61 | 73 | Yes | <div><div><div>RBL: 33</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours 22:00 to 07:00.</div><div>The Highest LAeq in work period (61 dB) is lower than the predicted level (73 dB)</div><div>Predicted noise levels (Nightshift works) in this area triggered offers for Respite.</div></div></div> |
| 7 | | 16/04/2024 | Day to Evening 7:00 to 22:00 | | | 58 | Normal construction 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) | | | 61 | 73 | Yes | <div><div><div>RBL: 33</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours 22:00 to 07:00.</div><div>The Highest LAeq in work period (61 dB) is lower than the predicted level (73 dB)</div><div>Predicted noise levels (Nightshift works) in this area triggered offers for Respite.</div></div></div> |
| 9 | | 17/04/2024 | Day to Evening 7:00 to 22:00 | | | 57 | 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) | | | 58 | 73 | Yes | <div><div><div>RBL: 33</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours 22:00 to 07:00.</div><div>The Highest LAeq in work period (56 dB) is lower than the predicted level (73 dB)</div><div>Predicted noise levels (Nightshift works) in this area triggered offers for Respite.</div></div></div> |
| 11 | | 18/04/2024 | Day to Evening 7:00 to 22:00 | | | 75 | Normal construction 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 | <div><div><div>RBL: 33</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours 22:00 to 07:00.</div><div>The Highest LAeq in work period (60 dB) is lower than the predicted level (73 dB)</div><div>Predicted noise levels (Nightshift works) in this area triggered offers for Respite.</div></div></div> |
| 13 | | 19/04/2024 | Day to Evening 7:00 to 22:00 | | | 62 | 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 | | | 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 | <div>NCA 02 - (HEX516)</div> <div><div><div>Continuous Monitoring</div><div>11m N of 81 Ewart St, Dulwich Hill</div><div>13 - 24/04/24</div></div></div> | 13/04/2024 | Day to Evening 7:00 to 22:00 | General track related construction activities | <div><div><div>Excavators 3T, 6 and 13T (inc jack hammer attachments)</div><div>Balloon tyre dump trucks (Hydrema)</div><div>Light vehicles</div><div>Trucks</div><div>Payloader</div><div>Handheld powered and non-powered tools</div><div>Vac Trucks</div><div>EWP/telehandler</div><div>Front-end loader</div><div>Concrete truck and line pump</div><div>Portable Generators</div><div>Compressors</div><div>Compactor</div><div>Bogie</div><div>Water pumps</div><div>4T Dumpy</div><div>60T crane</div><div>Site lights</div></div></div> | 70 | Normal construction 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 | <div><div>RBL: 33</div><div>No exceedance due to construction activity</div><div>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</div></div> |
| 3 | | 14/04/2024 | Day to Evening 7:00 to 22:00 | | | 71 | 58 | Yes | <div><div>RBL: 38</div><div>No exceedance due to construction activity</div><div>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</div></div> |
| 4 | | 14/04/2024 To 15/04/2024 | Night 22:00 to 7:00 (Modeled from 18:00 to 7:00) | | | 71 | 59 | Yes | <div><div>RBL: 33</div><div>No exceedance due to construction activity</div><div>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</div></div> |
| 5 | | 15/04/2024 | Day to Evening 7:00 to 22:00 | | | 71 | Normal construction 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 | <div><div>RBL: 33</div><div>No exceedance due to construction activity</div><div>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</div></div> |
| 7 | | 16/04/2024 | Day to Evening 7:00 to 22:00 | | | 73 | Normal 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 | | | 73 | No Construction Activity | | |
| 9 | | 17/04/2024 | Day to Evening 7:00 to 22:00 | | | 70 | 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) | | | 71 | 59 | Yes | <div><div>RBL: 33</div><div>No exceedance due to construction activity</div><div>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</div></div> |
| 11 | | 18/04/2024 | Day to Evening 7:00 to 22:00 | | | 74 | Normal construction 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) | | | 70 | 59 | Yes | <div><div>RBL: 33</div><div>No exceedance due to construction activity</div><div>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</div></div> |
| 13 | | 19/04/2024 | Day to Evening 7:00 to 22:00 | | | 70 | Normal construction 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) | | | 70 | 59 | Yes | <div><div>RBL: 33</div><div>No exceedance due to construction activity</div><div>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</div></div> |
| 15 | | 20/04/2024 | Day to Evening 7:00 to 22:00 | | | 70 | 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) | | | 70 | 59 | Yes | <div><div>RBL: 33</div><div>No exceedance due to construction activity</div><div>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</div></div> |
| 17 | | 21/04/2024 | Day to Evening 7:00 to 22:00 | | | 69 | 61 | Yes | <div><div>RBL: 38</div><div>No exceedance due to construction activity</div><div>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</div></div> |
| 18 | | 21/04/2024 To 22/04/2024 | Night 22:00 to 7:00 (Modeled from 18:00 to 7:00) | | | 72 | 59 | Yes | <div><div>RBL: 33</div><div>No exceedance due to construction activity</div><div>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</div></div> |
| 19 | | 22/04/2024 | Day to Evening 7:00 to 22:00 | | | 71 | 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) | | | 73 | 59 | Yes | <div><div>RBL: 33</div><div>No exceedance due to construction activity</div><div>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</div></div> |
| 21 | | 23/04/2024 | Day to Evening 7:00 to 22:00 | | | 75 | Normal 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 | Predicted noise level LAeq,15min at resident | Compliant | Comments |
|------------------|--|--------------------------|--|---|--|--|--|-----------|---|
| 1 | <div>NCA 03 - (HEX351)</div> <div><ul style="list-style-type: none">Continuous Monitoring18m W of 2 Hopetoun St, Hurlstone Park13 - 24/04/24</div> | 13/04/2024 | Day to Evening 7:00 to 22:00 | General track related construction activities | <ul style="list-style-type: none">Excavators 3T, 6 and 13T (inc jack hammer attachments)Balloon tyre dump trucks (Hydrema)Light vehiclesTrucksPayloaderHandheld powered and non-powered toolsVac TrucksEWP/telehandlerFront-end loaderConcrete truck and line pumpPortable GeneratorsCompressorsCompactorBogieWater pumps4T Dumpy60T craneSite lights | 67 | Normal construction 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 | <ul style="list-style-type: none">RBL: 34LAeq15min 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 (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 | <ul style="list-style-type: none">RBL: 38LAeq15min 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 | <ul style="list-style-type: none">RBL: 34LAeq15min 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 | | | 72 | Normal construction 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) | | | 68 | 74 | Yes | <ul style="list-style-type: none">RBL: 34LAeq15min 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 | | | 65 | Normal construction 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) | | | 69 | 74 | Yes | <ul style="list-style-type: none">RBL: 34LAeq15min 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 | | | 64 | Normal 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) | | | 68 | No Construction Activity | | |
| 11 | | 18/04/2024 | Day to Evening 7:00 to 22:00 | | | 71 | Normal construction 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) | | | 65 | 74 | Yes | <ul style="list-style-type: none">RBL: 34LAeq15min 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 | 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 | | | 67 | No Construction Activity | | |
| 15 | | 20/04/2024 | Day to Evening 7:00 to 22:00 | | | 73 | Normal 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 | <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 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 Evening 7:00 to 22:00 | | | 70 | Normal construction hours 8:00 – 18:00, No construction activity after 18:00. |
| 20 | | 22/04/2024 To 23/04/2024 | Night 22:00 to 7:00 | | | 63 | No Construction Activity |
| 21 | | 23/04/2024 | Day to Evening 7:00 to 22:00 | | | 69 | Normal 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 | | | 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 | <div>NCA 04 - (HEX519)</div> <ul style="list-style-type: none">Continuous Monitoring6m N of 10B Charles St, Canterbury13 - 24/04/24 | 13/04/2024 | Day to Evening 7:00 to 22:00 | General track related construction activities | <ul style="list-style-type: none">Excavators 3T, 6 and 13T (inc jack hammer attachments)Balloon tyre dump trucks (Hydrema)Light vehiclesTrucksPayloaderHandheld powered and non-powered toolsVac TrucksEWP/telehandlerFront-end loaderConcrete truck and line pumpPortable GeneratorsCompressorsCompactorBogieWater pumps4T Dumpy60T craneSite lights | 59 | Normal 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 | <ul style="list-style-type: none">RBL: 40LAeq15min 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 (69 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 | 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 | | | 63 | No Construction Activity | | |
| 7 | | 16/04/2024 | Day to Evening 7:00 to 22:00 | | | 60 | Normal construction 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) | | | 65 | 73 | Yes | <ul style="list-style-type: none">RBL: 35LAeq15min 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 | | | 60 | Normal 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 | | | 62 | 73 | Yes | <ul style="list-style-type: none">RBL: 35LAeq15min 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 | | 18/04/2024 | Day to Evening 7:00 to 22:00 | | | 64 | Normal construction 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) | | | 61 | 73 | Yes | <ul style="list-style-type: none">RBL: 35LAeq15min 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 | | | 64 | Normal construction 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 | <ul style="list-style-type: none">RBL: 35LAeq15min 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 | Normal 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 | <ul style="list-style-type: none">RBL: 40LAeq15min 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 | 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) | | | 62 | 73 | Yes | <ul style="list-style-type: none"> 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 | Normal 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 | <div>NCA 06 - (HEX505)</div> <div><ul style="list-style-type: none">Continuous Monitoring23m S of 3 Wilfred Avenue, Campsie.17 - 24/04/24</div> | 17/04/2024 | Day to Evening 7:00 to 22:00 | General track related construction activities | <ul style="list-style-type: none">Excavators 3T, 6 and 13T (inc jack hammer attachments)Balloon tyre dump trucks (Hydrema)Light vehiclesTrucksPayloaderHandheld powered and non-powered toolsVac TrucksEWPT/telehandlerFront-end loaderConcrete truck and line pumpPortable GeneratorsCompressorsCompactorBogieWater pumps4T Dumpy60T craneSite lights | 69 | Normal construction 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 | <ul style="list-style-type: none">RBL: 35The 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 07:00Live ARTC freight train 9m from monitoring location |
| 3 | | 18/04/2024 | Day to Evening 7:00 to 22:00 | | | 67 | Normal construction 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 | <ul style="list-style-type: none">RBL: 35The 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 07:00Live ARTC freight train 9m from monitoring location |
| 5 | | 19/04/2024 | Day to Evening 7:00 to 22:00 | | | 70 | | | |
| 6 | | 19/04/2024 To 20/04/2024 | Night 22:00 to 7:00 (Modeled from 18:00 to 7:00) | | | 68 | 69 | Yes | <ul style="list-style-type: none">RBL: 35LAeq15min 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 | | | 73 | Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model | | |
| 8 | | 20/04/2024 To 21/04/2024 | Night 22:00 to 7:00 (Modeled from 18:00 to 7:00) | | | 69 | 69 | Yes | <ul style="list-style-type: none">RBL: 35LAeq15min 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 | | | 65 | 68 | Yes | <ul style="list-style-type: none">RBL: 45LAeq15min 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) | | | 69 | 69 | Yes | <ul style="list-style-type: none">RBL: 35LAeq15min 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 | Normal 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 | Normal 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 | <div>NCA 07 - (HEX513)</div> <div><div><div>Continuous Monitoring</div><div>2m E of 1 & 3 Hall St back wall, Belmore</div><div>20 – 24/04/2024</div></div></div> | 20/04/2024 | Day to Evening 7:00 to 22:00 | General track related construction activities | <div><div><div>Excavators 3T, 6 and 13T (inc jack hammer attachments)</div><div>Balloon tyre dump trucks (Hydrema)</div><div>Light vehicles</div><div>Trucks</div><div>Payloader</div><div>Handheld powered and non-powered tools</div><div>Vac Trucks</div><div>EWP/telehandler</div><div>Front-end loader</div><div>Concrete truck and line pump</div><div>Portable Generators</div><div>Compressors</div><div>Compactor</div><div>Bogie</div><div>Water pumps</div><div>4T Dumpy</div><div>60T crane</div><div>Site lights</div></div></div> | 70 | Normal construction 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) | | | 64 | 69 | Yes | <div><div><div>RBL: 35</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours 22:00 to 07:00.</div><div>The Highest LAeq in work period (64 dB) is lower than the predicted level (69 dB)</div><div>Predicted noise levels (Nightshift works) in this area triggered offers for Respite.</div></div></div> |
| 3 | | 21/04/2024 | Day to Evening 7:00 to 22:00 | | | 66 | 67 | Yes | <div><div><div>RBL: 41</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 66 dB due to general construction noise between the hours 07:00 to 22:00.</div><div>The Highest LAeq in work period (66 dB) is lower than the predicted level (67 dB)</div><div>Predicted noise levels (Day shift works) in this area didn't trigger offers for Respite.</div></div></div> |
| 4 | | 21/04/2024 To 22/04/2024 | Night 22:00 to 7:00 (Modeled from 18:00 to 7:00) | | | 61 | 69 | Yes | <div><div><div>RBL: 35</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours 22:00 to 07:00.</div><div>The Highest LAeq in work period (61 dB) is lower than the predicted level (69 dB)</div><div>Predicted noise levels (Nightshift works) in this area triggered offers for Respite.</div></div></div> |
| 5 | | 22/04/2024 | Day to Evening 7:00 to 22:00 | | | 68 | 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) | | | 59 | 69 | Yes | <div><div><div>RBL: 35</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 59 dB due to general construction noise between the hours 22:00 to 07:00.</div><div>The Highest LAeq in work period (59 dB) is lower than the predicted level (69 dB)</div><div>Predicted noise levels (Nightshift works) in this area triggered offers for Respite.</div></div></div> |
| 7 | | 23/04/2024 | Day to Evening 7:00 to 22:00 | | | 67 | Normal construction 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 | <div><div><div>RBL: 35</div><div>LAeq15min below predictions.</div><div>Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours 22:00 to 07:00.</div><div>The Highest LAeq in work period (56 dB) is lower than the predicted level (69 dB)</div><div>Predicted noise levels (Nightshift works) in this area triggered offers for Respite.</div></div></div> |

| 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 at resident | Compliant | Comments |
|------------------|---|--------------------------|--|---|---|---|--|-----------|--|
| 1 | <div>NCA 08 - (HEX513)</div> <div><ul style="list-style-type: none">Continuous Monitoring33m S of 54 Railway Parade, Lakemba13 - 20/04/24</div> | 13/04/2024 | Day to Evening 11:45 to 22:00 | General track related construction activities | <ul style="list-style-type: none">Excavators 3T, 6 and 13T (inc jack hammer attachments)Balloon tyre dump trucks (Hydrema)Light vehiclesTrucksPayloaderHandheld powered and non-powered toolsVac TrucksEWPP/telehandlerFront-end loaderConcrete truck and line pumpPortable GeneratorsCompressorsCompactorBogieWater pumps4T Dumpy60T craneSite lights | 61 | Normal 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 (Modeled from 18:00 to 7:00) | | | 55 | No Construction Activity | | |
| 3 | | 14/04/2024 | Day to Evening 7:00 to 22:00 | | | 55 | 60 | Yes | <ul style="list-style-type: none">RBL: 47LAeq15min 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 (55 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 (Modeled from 18:00 to 7:00) | | | 53 | 65 | Yes | <ul style="list-style-type: none">RBL: 41LAeq15min 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 (65 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 | | | 58 | 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) | | | 53 | No Construction Activity | | |
| 7 | | 16/04/2024 | Day to Evening 7:00 to 22:00 | | | 57 | Normal construction 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) | | | 57 | 65 | Yes | <ul style="list-style-type: none">RBL: 41LAeq15min 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 (65 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 | | | 56 | 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) | | | 51 | 65 | Yes | <ul style="list-style-type: none">RBL: 41LAeq15min 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 (65 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 | | | 66 | Normal construction 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 | <ul style="list-style-type: none">RBL: 41LAeq15min below predictionsNoise 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 (65 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 | Normal construction 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 | <ul style="list-style-type: none">RBL: 41One LAeq15min period above predictions of 71dB @01:00. The noise was attributed to a single noise event at 01:00AM, with a LAmx 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 | Compliant | Comments |
|------------------|--|--------------------------|--|---|--|---|--|-----------|---|
| 1 | <div>NCA 10 - (HEX312)</div> <ul style="list-style-type: none">Continuous Monitoring75m SW of 43 Urunga Parade, Punchbowl13 - 24/04/24 | 13/04/2024 | Day to Evening 7:00 to 22:00 | General track related construction activities | <ul style="list-style-type: none">Excavators 3T, 6 and 13T (inc jack hammer attachments)Balloon tyre dump trucks (Hydrema)Light vehiclesTrucksPayloaderHandheld powered and non-powered toolsVac TrucksEWP/telehandlerFront-end loaderConcrete truck and line pumpPortable GeneratorsCompressorsCompactorBogieWater pumps4T Dumpy60T craneSite lights | 64 | Normal construction 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 | 63 | Yes | <ul style="list-style-type: none">RBL: 41LAeq15min 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 (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 | <ul style="list-style-type: none">RBL: 47LAeq15min 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 | <ul style="list-style-type: none">RBL: 41LAeq15min 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 | | | 63 | Normal construction 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) | | | 53 | 64 | Yes | <ul style="list-style-type: none">RBL: 41LAeq15min 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 | | | 55 | Normal construction 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) | | | 54 | 64 | Yes | <ul style="list-style-type: none">RBL: 41LAeq15min 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 | | | 59 | 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) | | | 58 | 64 | Yes | <ul style="list-style-type: none">RBL: 41LAeq15min 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 | | | 66 | Normal construction 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 | <ul style="list-style-type: none">RBL: 41LAeq15min 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 | | | 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 | | |
| 15 | | 20/04/2024 | Day to Evening 7:00 to 22:00 | | | 70 | 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) | | | 53 | 60 | Yes | <ul style="list-style-type: none">RBL: 41LAeq15min 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 | | 21/04/2024 | Day to Evening 7:00 to 22:00 | | | 58 | 64 | Yes | <ul style="list-style-type: none"> RBL: 47 L_{Aeq}15min below predictions. Noise monitor detect highest L_{Aeq}15min value of 58 dB due to general construction noise between the hours 07:00 to 22:00. The Highest L_{Aeq} 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 for Respite. |
| 18 | | 21/04/2024 To 22/04/2024 | Night 22:00 to 7:00 | | | 60 | No construction activity after 18:00. | | |
| 19 | | 22/04/2024 | Day to Evening 7:00 to 22:00 | | | 60 | Normal construction hours 8:00 – 18:00, No construction activity after 18:00. | | |
| 20 | | 22/04/2024 To 23/04/2024 | Night 22:00 to 7:00 | | | 61 | No Construction Activity | | |
| 21 | | 23/04/2024 | Day to Evening 7:00 to 22:00 | | | 60 | Normal 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 | | | 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 | <div>NCA 12 - (HEX515)</div> <div><ul style="list-style-type: none">Continuous Monitoring86m NW of 2 A West Terrace, Bankstown13 - 24/04/24</div> | 13/04/2024 | Day to Evening 7:00 to 22:00 | General track related construction activities | <ul style="list-style-type: none">Excavators 3T, 6 and 13T (inc jack hammer attachments)Balloon tyre dump trucks (Hydrema)Light vehiclesTrucksPayloaderHandheld powered and non-powered toolsVac TrucksEWPP/telehandlerFront-end loaderConcrete truck and line pumpPortable GeneratorsCompressorsCompactorBogieWater pumps4T Dumpy60T craneSite lights | 64 | Normal construction 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) | | | 51 | 46 | Yes | <ul style="list-style-type: none">RBL: 42No exceedance due to construction activityExceedance due to high bird activity in the area in occasional LAeq15min period |
| 3 | | 14/04/2024 | Day to Evening 7:00 to 22:00 | | | 58 | 46 | Yes | <ul style="list-style-type: none">RBL: 54No exceedance due to construction activityExceedance due to high bird activity in the area in the area in occasional LAeq15min period |
| 4 | | 14/04/2024 To 15/04/2024 | Night 22:00 to 7:00 (Modeled from 18:00 to 7:00) | | | 55 | 46 | Yes | <ul style="list-style-type: none">RBL: 42No exceedance due to construction activityExceedance 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 | Normal construction 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 | <ul style="list-style-type: none">RBL: 42LAeq15min 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 | | | 77 | Normal construction 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) | | | 50 | 68 | Yes | <ul style="list-style-type: none">RBL: 42LAeq15min 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 (68 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 | | | 77 | 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) | | | 51 | 68 | Yes | <ul style="list-style-type: none">RBL: 42LAeq15min 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 | | | 77 | Normal construction 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 | <ul style="list-style-type: none">RBL: 42LAeq15min 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 | Normal construction 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 | <ul style="list-style-type: none">RBL: 42LAeq15min 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 | 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 | <ul style="list-style-type: none">RBL: 42LAeq15min 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 | <ul style="list-style-type: none">RBL: 54LAeq15min below predictions. |

| | | | | | | | | | |
|----|--|--------------------------------|---|--|--|----|--|-----|--|
| | | | | | | | | | <ul style="list-style-type: none"> 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 | Yes | <ul style="list-style-type: none"> 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 (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 | Yes | <ul style="list-style-type: none"> 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 (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 | Normal 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 | Yes | <ul style="list-style-type: none"> 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 (69 dB) Predicted noise levels (Nightshift works) in this area triggered offers for Respite. |

Vibration Monitoring Data - Monthly Summary

| | | | | | | | | | | | |
|------------------------------------|---|-----------------------------------|------------------------------|-------------------|------|-------------------------|-------------------------|---------------|---|---|--|
| Month and Year | April 2024 | | | | | | | |  |  | |
| 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 | | |