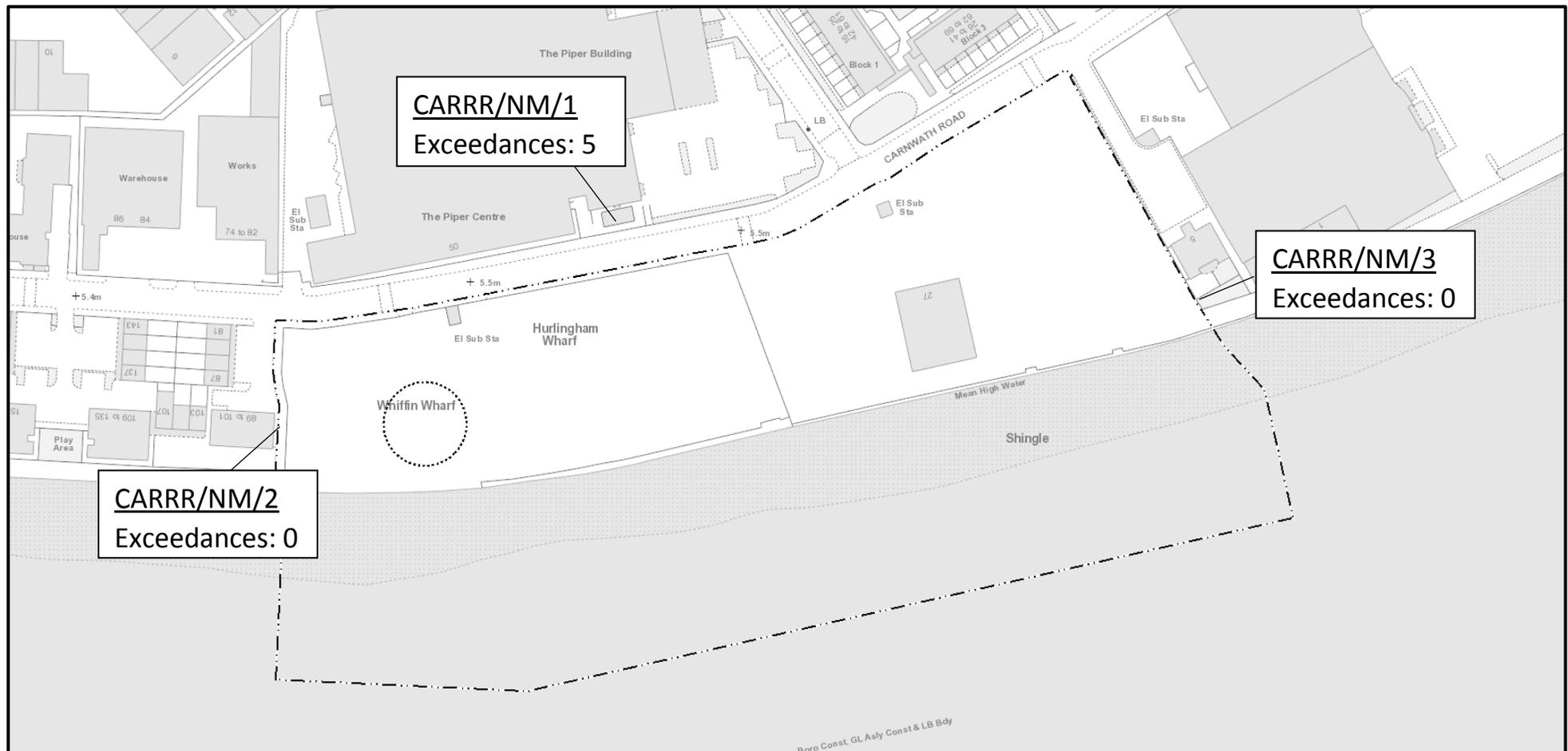


MONTHLY NOISE MONITORING REPORT CARNWATH ROAD RIVERSIDE (CARRR) JUNE 2018





BMB
WEST

Works being carried out included continued shaft construction, site set up concrete slab preparation, RW strengthening. Depressurisation wells, conveyor piling and slab construction.

Table 1 North Monitor – CARRR/NMS/01

| Day | Time | Averaging period | L _{Aeq,T} dB | L _{Amax} dB |
|------------------|---------------------------------|------------------|-----------------------|----------------------|
| Monday to Friday | 7am-8am | 1 hour | 69 | 90 |
| | 8am-6pm | 10 hour | 70 | - |
| | 6pm-7pm | 1 hour | 65 | 87 |
| | 7pm-10pm | 1 hour | 65 | 87 |
| | Typical hourly level (day) | Mode | 69 | - |
| Saturday | 7am-8am | 1 hour | 65 | 86 |
| | 8am-1pm | 5 hour | 68 | - |
| | 1pm-2pm | 1 hour | 68 | 91 |
| | 2pm-10pm | 1 hour | 66 | 89 |
| | Typical hourly level (Saturday) | Mode | 68** | - |
| Sunday | 7am-10 pm | 1 hour | 66 | 86 |
| | Typical hourly level (Sunday) | Mode | 66 | - |
| All days | 10pm-7am | 1 hour | 60 | 82 |
| | Typical hourly level (night) | Mode | 56 | - |

* Denotes a range featuring two or more modal values where mean average has been used instead

** Denotes a range in which all values are unique where mean average has been used instead

Table 2 West Monitor – CARRR/NMS/02

| Day | Time | Averaging period | L _{Aeq,T} dB | L _{Amax} , dB |
|------------------|---------------------------------|------------------|-----------------------|------------------------|
| Monday to Friday | 7am-8am | 1 hour | 59 | 77 |
| | 8am-6pm | 10 hour | 73 | - |
| | 6pm-7pm | 1 hour | 58 | 78 |
| | 7pm-10pm | 1 hour | 58 | 78 |
| | Typical hourly level (day) | Mode | 72 | - |
| Saturday | 7am-8am | 1 hour | 58 | 76 |
| | 8am-1pm | 5 hour | 69 | - |
| | 1pm-2pm | 1 hour | 61 | 81 |
| | 2pm-10pm | 1 hour | 59 | 77 |
| | Typical hourly level (Saturday) | Mode | 69** | - |
| Sunday | 7am-10 pm | 1 hour | 59 | 77 |
| | Typical hourly level (Sunday) | Mode | 61 | - |
| All days | 10pm-7am | 1 hour | 51 | 69 |
| | Typical hourly level (night) | Mode | 49 | - |

* Denotes a range featuring two or more modal values where mean average has been used instead

** Denotes a range in which all values are unique where mean average has been used instead

Table 3 East Monitor – CARRR/NMS/03

| Day | Time | Averaging period | L _{Aeq,T} dB | L _{Amax} , dB |
|------------------|---------------------------------|------------------|-----------------------|------------------------|
| Monday to Friday | 7am-8am | 1 hour | 58 | 76 |
| | 8am-6pm | 10 hour | 67 | - |
| | 6pm-7pm | 1 hour | 58 | 77 |
| | 7pm-10pm | 1 hour | 58 | 77 |
| | Typical hourly level (day) | Mode | 64 | - |
| Saturday | 7am-8am | 1 hour | 57 | 73 |
| | 8am-1pm | 5 hour | 65 | - |
| | 1pm-2pm | 1 hour | 61 | 82 |
| | 2pm-10pm | 1 hour | 59 | 78 |
| | Typical hourly level (Saturday) | Mode | 65** | - |
| Sunday | 7am-10 pm | 1 hour | 59 | 78 |
| | Typical hourly level (Sunday) | Mode | 61 | - |
| All days | 10pm-7am | 1 hour | 51 | 69 |
| | Typical hourly level (night) | Mode | 49 | - |

* Denotes a range featuring two or more modal values where mean average has been used instead

** Denotes a range in which all values are unique where mean average has been used instead