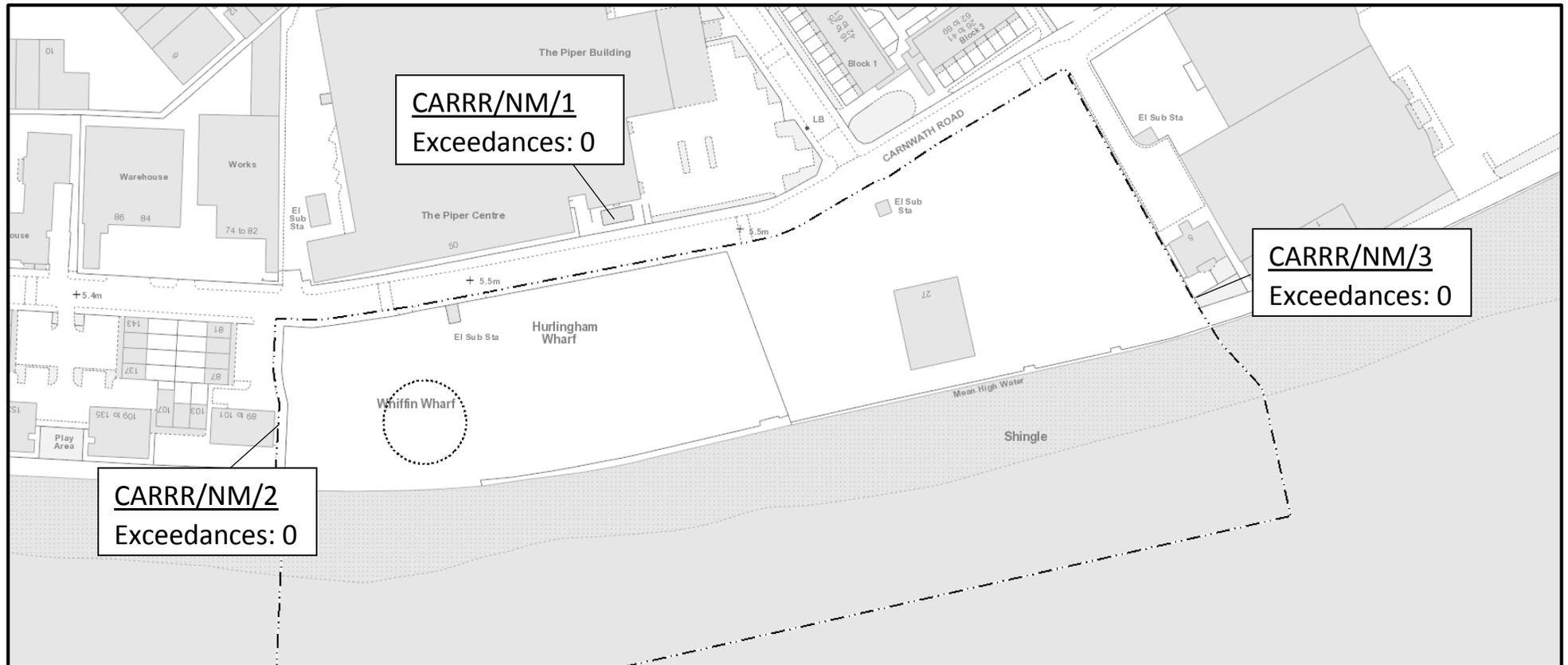


MONTHLY NOISE MONITORING REPORT CARNWATH ROAD RIVERSIDE (CARRR) JANUARY 2019



Works being carried out in January included main tunnel launch and reception chamber construction, TBM preparation and conveyor installation.

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	89
	8am-6pm	10 hour	69	-
	6pm-7pm	1 hour	66	86
	7pm-10pm	1 hour	66	86
	Typical hourly level (day)	Mode	69	-
Saturday	7am-8am	1 hour	64	84
	8am-1pm	5 hour	68	-
	1pm-2pm	1 hour	69	85
	2pm-10pm	1 hour	68	88
	Typical hourly level (Saturday)	Mode	68	-
Sunday	7am-10 pm	1 hour	67	86
	Typical hourly level (Sunday)	Mode	67	-
All days	10pm-7am	1 hour	59	81
	Typical hourly level (night)	Mode	55	-

* 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	62	-
	6pm-7pm	1 hour	56	73
	7pm-10pm	1 hour	56	73
	Typical hourly level (day)	Mode	61	-
Saturday	7am-8am	1 hour	56	74
	8am-1pm	5 hour	60	-
	1pm-2pm	1 hour	59	80
	2pm-10pm	1 hour	57	75
	Typical hourly level (Saturday)	Mode	59	-
Sunday	7am-10 pm	1 hour	59	78
	Typical hourly level (Sunday)	Mode	57	-
All days	10pm-7am	1 hour	50	68
	Typical hourly level (night)	Mode	46	-

* 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	59	76
	8am-6pm	10 hour	61	-
	6pm-7pm	1 hour	56	73
	7pm-10pm	1 hour	56	73
	Typical hourly level (day)	Mode	61	-
Saturday	7am-8am	1 hour	57	76
	8am-1pm	5 hour	58	-
	1pm-2pm	1 hour	59	78
	2pm-10pm	1 hour	57	75
	Typical hourly level (Saturday)	Mode	58	-
Sunday	7am-10 pm	1 hour	58	76
	Typical hourly level (Sunday)	Mode	59	-
All days	10pm-7am	1 hour	51	67
	Typical hourly level (night)	Mode	46	-

* 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