

APPENDIX 9B: BASELINE NOISE SURVEY MONITORING DATA

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Table 9B.1 Noise Measurement Equipment

Meter Model	RION NL31 Type 1
Serial Number	00672900
Date Meter Calibrated	04/11/08
Calibration Standard	BS EN 61672-3:2006
Microphone Type	Rion UC-53A
Microphone Serial Number	312092
Preamp Type	Rion NH-21
Preamp Serial Number	23077
Calibrator Type	Rion NC-74
Calibrator Serial Number	34973224
Date Calibrator Calibrated	04/11/09
Calibration Value (db L_A)	94.0

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Table 9B.2 15-Minute Monitoring Data at Monitoring Location A/1

Date	Period	Start Time	L _{Aeq}	L _{A90}	L _{A10}	L _{Amax}	L _{Amin}	Date	Period	Start Time	L _{Aeq}	L _{A90}	L _{A10}	L _{Amax}	L _{Amin}
19/04/10	Day	15:30	66.8	47.2	52.4	93.3	45.0	20/04/10		23:45	42.6	40.5	44.4	50.8	37.7
		15:45	59.5	47.1	52.7	84.0	44.8			00:00	42.6	40.1	44.7	48.4	38.4
		16:00	61.9	47.1	51.6	89.0	44.9			00:15	42.1	40.1	43.8	49.2	38.2
		16:15	50.0	47.7	51.4	62.8	45.2			00:30	41.5	39.5	42.9	52.1	37.8
		16:30	66.5	48.1	53.5	93.8	45.9			00:45	41.2	39.2	42.7	51.6	37.6
		16:45	50.3	47.2	52.2	63.4	44.8			01:00	41.5	39.3	43.5	52.2	37.6
		17:00	63.1	47.3	51.3	88.3	44.8			01:15	63.8	40.1	45.4	88.9	38.4
		17:15	70.7	47.9	52.8	99.5	45.6			01:30	42.7	40.0	44.6	55.8	38.3
		17:30	73.4	48.4	51.4	105.3	46.7			01:45	42.9	40.3	44.7	51.9	38.1
		17:45	66.0	48.0	53.8	93.3	45.7			02:00	43.0	40.6	45.0	51.1	38.4
		18:00	51.3	48.2	52.5	72.7	45.9			02:15	43.5	40.7	45.6	49.7	38.4
		18:15	72.0	48.3	54.4	105.2	45.3			02:30	43.2	40.1	45.6	52.9	37.5
		18:30	50.7	47.7	52.3	67.3	45.0			02:45	43.3	40.3	45.8	57.7	38.0
		18:45	75.3	48.1	54.1	105.7	45.4			03:00	43.1	40.1	45.2	51.8	38.3
		19:00	70.7	48.7	56.0	101.3	46.3			03:15	43.2	39.4	45.2	50.2	36.9
		19:15	53.1	48.7	55.3	70.7	46.1			03:30	42.5	40.0	44.2	52.6	37.2
		19:30	65.0	48.3	54.1	96.2	45.2			03:45	40.6	38.3	42.7	49.6	36.6
		19:45	59.9	48.4	55.7	85.1	45.0			04:00	43.5	40.4	45.4	52.1	38.3
		20:00	71.3	47.6	52.0	99.5	45.6			04:15	43.4	41.3	45.2	49.6	39.4
		20:15	54.9	47.7	55.0	77.1	45.1			04:30	43.9	41.9	45.5	52.1	40.0
		20:30	65.7	47.1	52.3	99.2	45.0			04:45	44.2	42.3	45.8	50.9	40.1
		20:45	64.4	46.5	50.8	88.9	44.5			05:00	45.9	43.3	47.9	52.5	41.0
		21:00	63.7	46.5	50.7	92.8	44.0			05:15	56.6	46.2	52.9	83.3	42.0
		21:15	67.4	45.6	50.3	94.2	43.2			05:30	57.9	48.3	55.5	81.2	43.4
21:30	70.0	45.8	49.8	101.5	43.4	05:45	54.6	51.9	56.5	60.7	45.9				
21:45	61.3	45.0	48.9	88.9	43.1	06:00	59.4	50.5	56.5	82.6	46.2				
22:00	66.9	45.2	49.7	94.8	42.6	06:15	51.3	49.0	53.0	57.8	46.5				
22:15	48.2	45.0	49.9	64.0	42.7	06:30	52.4	50.6	53.8	65.9	48.1				
22:30	57.6	43.4	48.6	81.8	40.6	06:45	63.7	51.0	57.9	91.7	48.1				
22:45	45.7	43.3	47.8	56.1	41.2	07:00	62.6	50.4	54.9	82.0	48.3				
								Day							

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Date	Period	Start Time	L _{Aeq}	L _{A90}	L _{A10}	L _{Amax}	L _{Amin}		Date	Period	Start Time	L _{Aeq}	L _{A90}	L _{A10}	L _{Amax}	L _{Amin}
	Night	23:00	47.0	42.8	47.9	69.7	40.6				07:15	63.8	51.2	54.2	91.2	48.8
		23:15	58.7	43.0	47.7	85.4	40.7				07:30	52.4	50.9	53.4	61.1	49.3
		23:30	48.4	40.6	47.1	74.1	38.6				07:45	64.7	48.8	54.6	88.6	46.7
		08:00	64.1	48.8	54.6	94.8	46.9									
		08:15	57.8	48.1	53.0	83.1	46.6									
		08:30	70.2	48.6	53.0	102.1	46.0									
		08:45	62.5	47.8	53.4	89.3	45.9									
		09:00	65.3	49.0	55.1	88.6	46.8									
		09:15	66.3	47.3	52.8	95.0	44.5									
		09:30	64.7	46.9	51.4	89.8	44.7									
		09:45	72.9	46.7	53.7	102.9	44.6									
		10:00	67.3	46.7	52.9	95.5	43.0									
		10:15	68.8	46.2	52.6	94.8	43.6									
		10:30	66.6	46.5	52.8	102.0	43.0									
		10:45	51.2	47.3	53.1	66.8	44.9									
		11:00	64.7	46.8	52.5	90.0	43.5									
		11:15	64.3	46.9	51.5	88.0	44.6									
		11:30	63.3	46.8	52.2	87.0	45.0									
		11:45	69.9	46.8	53.5	101.6	44.4									
		12:00	72.4	47.2	51.9	104.6	45.0									
		12:15	68.9	46.8	51.6	97.8	43.8									
		12:30	67.6	46.9	51.7	100.1	44.3									
		12:45	57.7	46.9	50.0	83.3	44.7									
		13:00	50.7	46.9	52.7	64.9	44.5									
		13:15	59.3	47.2	51.0	83.2	44.9									
		13:30	61.1	47.5	51.9	87.5	45.6									
		13:45	53.9	48.3	57.5	72.3	46.0									
		14:00	67.9	47.7	52.7	90.9	45.3									
		14:15	61.8	47.4	52.6	85.4	45.0									

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Table 9B.3 15-minute Monitoring Data at Monitoring Location A/3

Date	Period	Start Time	L _{Aeq}	L _{A90}	L _{A10}	L _{Amax}	L _{Amin}		
20/04/10	Day	21:00	57.0	50.4	58.3	79.6	47.1		
		21:15	56.1	49.5	58.0	73.1	44.1		
		21:30	57.2	49.9	58.5	75.2	44.3		
		21:45	55.1	48.5	58.3	64.3	43.6		
		22:00	55.9	49.6	58.1	76.3	46.1		
		22:15	53.9	47.5	57.2	65.0	43.1		
		22:30	53.1	46.5	56.3	65.1	43.0		
		22:45	52.7	45.7	56.8	62.6	42.1		
	Night	23:00	52.1	46.7	55.2	69.4	44.0		
		23:15	51.4	47.0	54.6	63.0	43.9		
		23:30	51.4	45.4	55.1	62.7	41.4		
		23:45	49.9	44.1	53.4	62.9	40.3		
		21/04/10	Day	00:00	48.1	42.9	50.5	62.3	39.1
				00:15	48.1	41.5	50.5	63.3	37.9
00:30	48.4			40.7	51.3	63.3	37.5		
00:45	49.4			43.6	52.9	61.2	39.5		
01:00	47.1			41.7	49.6	60.8	38.1		
01:15	50.7			40.1	50.1	70.3	36.2		
01:30	45.7			38.1	47.9	62.5	34.8		
01:45	49.4			37.8	46.0	77.6	35.1		
02:00	44.1			37.8	45.1	61.2	34.7		
02:15	46.3			37.7	45.2	65.3	32.5		
02:30	46.5			36.6	46.1	66.8	33.4		
02:45	44.9			39.0	46.8	59.1	34.4		
03:00	45.3			38.0	47.5	59.8	33.0		
03:15	47.7			38.3	50.5	63.0	34.8		
03:30	48.7			42.6	50.5	64.3	39.2		
03:45	48.0			42.1	50.4	63.9	38.3		
04:00	47.8			42.5	49.8	64.1	39.8		
04:15	49.6			45.0	51.7	64.7	42.5		
04:30	48.5			45.1	50.2	59.2	42.0		
04:45	52.0			46.9	55.1	65.0	44.6		
05:00	51.6			46.8	55.1	62.8	44.0		
05:15	52.6			46.5	55.7	66.7	42.0		
05:30	56.0			49.8	58.8	69.3	46.2		
05:45	56.5			50.3	59.1	73.5	47.1		
06:00	56.6		51.4	59.6	70.8	48.7			
06:15	58.0		54.0	60.6	67.1	50.8			
06:30	58.6		54.8	61.2	70.2	51.6			
06:45	59.5		54.9	61.9	72.5	51.8			
Day	07:00	58.2	53.9	60.7	68.2	50.3			
	07:15	58.3	54.3	60.7	67.2	51.6			
	07:30	58.9	55.0	60.9	70.4	51.2			
	07:45	58.6	55.5	60.6	64.1	52.4			
	08:00	57.8	54.2	59.9	71.4	50.4			
	08:15	56.5	52.7	58.6	68.5	50.0			
	08:30	57.7	52.7	60.0	69.3	48.3			
	08:45	57.8	53.9	59.7	70.8	50.2			
09:00	57.0	53.0	59.0	70.8	48.6				

Plate 9B.1 Variation in Baseline Noise Level at Monitoring Location A/1

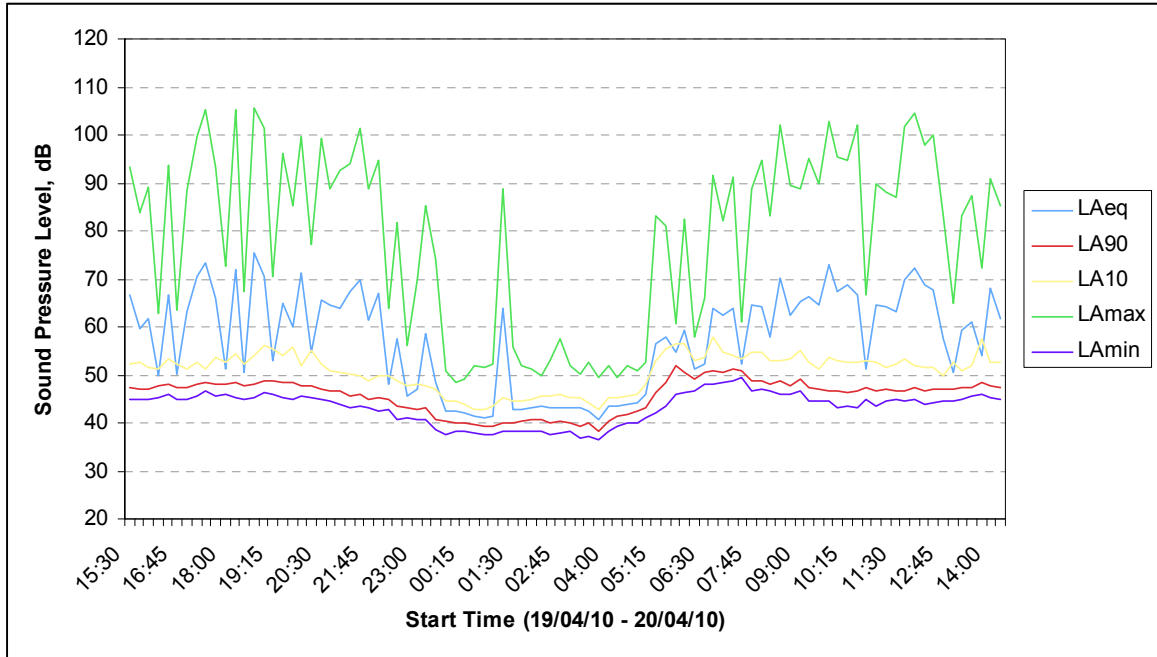


Plate 9B.2 Variation in Baseline Noise Level at Monitoring Location A/3

