

Appendix 10.1

Noise and Vibration Results

10.1 Noises and Vibration

10.1.1 Baseline Noise Monitoring Images



Plate 10.1 Unattended Noise Meter at Location N1



Plate 10.2 Attended Noise Survey at Location N2



Plate 10.3 Attended Noise Survey at Location N3



Plate 10.4 Attended Noise Survey at Location N4

10.1.2 Unattended Monitoring Results from Location N1

Start date	Start time	Measured Noise Levels (dB re. 2×10^{-5} Pa)			
		L _{Aeq}	L _{AFmax}	L _{AF10}	L _{AF90}
09/02/2015	11:15:55	54	65	56	50
09/02/2015	11:30:55	53	71	56	49
09/02/2015	11:45:55	53	69	56	49
09/02/2015	12:00:55	55	71	57	50
09/02/2015	12:15:55	54	74	57	51
09/02/2015	12:30:55	54	67	56	50
09/02/2015	12:45:55	47	58	51	41
09/02/2015	13:00:55	48	66	51	43
09/02/2015	13:15:55	47	62	50	42
09/02/2015	13:30:55	46	62	49	37
09/02/2015	13:45:55	49	63	52	44
09/02/2015	14:00:55	47	62	50	41
09/02/2015	14:15:55	49	70	52	44
09/02/2015	14:30:55	49	64	52	43
09/02/2015	14:45:55	51	64	54	45
09/02/2015	15:00:55	51	61	55	47
09/02/2015	15:15:55	54	68	58	48
09/02/2015	15:30:55	52	65	55	47
09/02/2015	15:45:55	51	65	55	45
09/02/2015	16:00:55	50	64	53	45
09/02/2015	16:15:55	51	58	54	43
09/02/2015	16:30:55	50	66	53	42
09/02/2015	16:45:55	48	58	51	42
09/02/2015	17:00:55	49	59	53	41
09/02/2015	17:15:55	47	61	51	37
09/02/2015	17:30:55	45	57	49	36
09/02/2015	17:45:55	45	61	49	36
09/02/2015	18:00:55	46	63	51	33
09/02/2015	18:15:55	44	55	48	33
09/02/2015	18:30:55	45	62	48	33
09/02/2015	18:45:55	43	58	46	34
09/02/2015	19:00:55	40	55	46	32
09/02/2015	19:15:55	43	58	48	30
09/02/2015	19:30:55	39	57	41	30
09/02/2015	19:45:55	43	62	48	31

Start date	Start time	Measured Noise Levels (dB re. 2x10 ⁻⁵ Pa)			
		LAeq	LAFmax	LAF10	LAF90
09/02/2015	20:00:55	42	55	47	31
09/02/2015	20:15:55	36	56	34	30
09/02/2015	20:30:55	46	78	43	29
09/02/2015	20:45:55	40	57	41	29
09/02/2015	21:00:55	35	50	37	28
09/02/2015	21:15:55	40	54	45	28
09/02/2015	21:30:55	36	54	36	27
09/02/2015	21:45:55	40	55	44	28
09/02/2015	22:00:55	31	47	31	27
09/02/2015	22:15:55	35	54	38	27
09/02/2015	22:30:55	37	58	37	27
09/02/2015	22:45:55	33	51	31	27
09/02/2015	23:00:55	35	53	32	28
09/02/2015	23:15:55	31	49	29	27
09/02/2015	23:30:55	34	54	30	27
09/02/2015	23:45:55	33	55	30	27
10/02/2015	00:00:55	29	40	31	27
10/02/2015	00:15:55	29	45	30	27
10/02/2015	00:30:55	28	38	29	27
10/02/2015	00:45:55	29	44	30	27
10/02/2015	01:00:55	29	48	30	27
10/02/2015	01:15:55	28	37	29	27
10/02/2015	01:30:55	28	38	29	27
10/02/2015	01:45:55	29	40	30	27
10/02/2015	02:00:55	32	49	31	28
10/02/2015	02:15:55	32	52	32	28
10/02/2015	02:30:55	29	41	31	28
10/02/2015	02:45:55	28	35	30	27
10/02/2015	03:00:55	28	38	29	27
10/02/2015	03:15:55	29	35	30	27
10/02/2015	03:30:55	28	40	29	27
10/02/2015	03:45:55	30	37	32	28
10/02/2015	04:00:55	30	37	31	28
10/02/2015	04:15:55	30	36	31	29
10/02/2015	04:30:55	31	49	31	28
10/02/2015	04:45:55	30	45	30	28
10/02/2015	05:00:55	29	34	30	28

Start date	Start time	Measured Noise Levels (dB re. 2x10 ⁻⁵ Pa)			
		L _{Aeq}	L _{AFmax}	L _{AF10}	L _{AF90}
10/02/2015	05:15:55	29	34	30	28
10/02/2015	05:30:55	34	53	33	27
10/02/2015	05:45:55	34	51	34	27
10/02/2015	06:00:55	33	56	34	28
10/02/2015	06:15:55	41	57	45	29
10/02/2015	06:30:55	44	63	45	29
10/02/2015	06:45:55	45	57	49	33
10/02/2015	07:00:55	43	54	48	31
10/02/2015	07:15:55	48	64	52	39
10/02/2015	07:30:55	48	59	52	41
10/02/2015	07:45:55	50	66	53	45
10/02/2015	08:00:55	52	71	55	46
10/02/2015	08:15:55	53	63	55	49
10/02/2015	08:30:55	53	60	55	48
10/02/2015	08:45:55	52	63	55	48
10/02/2015	09:00:55	51	63	55	47
10/02/2015	09:15:55	49	59	52	45
10/02/2015	09:30:55	50	62	53	45
10/02/2015	09:45:55	48	58	51	42
10/02/2015	10:00:55	46	60	49	40
10/02/2015	10:15:55	46	56	49	39
10/02/2015	10:30:55	47	60	50	42
10/02/2015	10:45:55	48	62	51	44
10/02/2015	11:00:55	49	61	52	46