

Chapter 9 AIR – NOISE & VIBRATION

- **Appendix 9.1 2009 Baseline Survey Results**

APPENDIX 9.1

BASELINE NOISE SURVEY DATA

Baseline Noise Survey Results Daytime								
Location	Date	Time	Duration	L _{Aeq}	L _{AMin}	L _{AMax}	L _{A10}	L _{A90}
N1	12-Jun-09	18:45:33	30:00.0	57.2	35.3	78.6	54.4	37.8
N2	12-Jun-09	18:02:02	30:00.0	60.0	34.4	83.3	61.8	37.9
N3	12-Jun-09	17:17:21	30:00.0	60.4	37.1	88.0	53.9	39.6
N4	12-Jun-09	16:23:24	30:00.0	48.9	36.7	72.4	48.4	38.6
N5	12-Jun-09	15:35:21	30:00.0	62.8	41.0	78.8	67.3	47.0
N6	12-Jun-09	14:44:41	30:00.0	65.1	33.6	87.9	60.1	35.5
N7	12-Jun-09	14:02:01	30:00.0	70.0	39.6	86.6	73.6	47.4
N8	11-Jun-09	21:29:46	30:00.0	62.9	32.7	88.5	55.0	34.3
N9	11-Jun-09	20:51:48	30:00.0	66.2	39.8	90.2	61.6	43.6
N10	11-Jun-09	20:15:07	30:00.0	71.2	32.5	95.4	68.3	36.8
N11	11-Jun-09	19:37:22	30:00.0	48.3	31.4	75.6	48.2	31.9
N12	11-Jun-09	18:56:50	30:00.0	61.3	33.2	85.6	57.3	37.5
N13	11-Jun-09	18:20:37	30:00.0	71.1	31.9	90.5	72.7	35.4
N14	11-Jun-09	17:44:31	30:00.0	53.5	31.6	72.3	56.6	32.4
N15	11-Jun-09	17:07:28	30:00.0	57.2	36.4	83.6	50.2	37.4
N16	11-Jun-09	16:29:59	30:00.0	47.8	31.7	81.4	42.5	32.3
N17	11-Jun-09	15:53:00	30:00.0	43.2	31.2	81.9	39.1	31.5

BASELINE NOISE SURVEY DATA

Baseline Noise Survey Results Nighttime								
Location	Date	Time	Duration	L _{Aeq}	L _{AMin}	L _{AMax}	L _{A10}	L _{A90}
N1	13-Jun-09	01:31:10	15:00.0	39.4	32.3	63.5	41.3	34.6
N2	13-Jun-09	01:03:43	15:00.0	46.1	31.2	74.9	38.1	32.3
N3	13-Jun-09	00:39:57	15:00.0	37.5	31.6	70.3	34.6	32.2
N4	13-Jun-09	00:12:11	15:00.0	58.4	33.0	94.9	47.3	34.6
N5	12-Jun-09	23:40:23	15:00.0	58.0	31.2	75.8	59.3	32.1
N6	12-Jun-09	22:57:43	15:00.0	55.9	31.0	82.6	42.2	31.7
N7	12-Jun-09	22:33:21	15:00.0	63.9	32.7	83.7	64.0	35.0
N8	12-Jun-09	02:07:19	15:00.0	36.4	30.7	67.9	33.4	30.9
N9	12-Jun-09	01:46:38	15:00.0	40.2	30.7	67.2	33.7	30.9
N10	12-Jun-09	01:24:19	15:00.0	40.6	37.5	68.0	38.9	37.9
N11	12-Jun-09	01:01:48	15:00.0	42.3	30.8	69.6	34.0	31.0
N12	12-Jun-09	00:37:58	15:00.0	57.1	30.8	80.0	48.8	31.4
N13	12-Jun-09	00:15:41	15:00.0	40.8	30.4	73.8	34.6	31.2
N14	11-Jun-09	23:45:24	15:00.0	48.2	31.6	81.5	39.5	32.4
N15	11-Jun-09	23:17:26	15:00.0	64.3	32.1	90.3	53.3	34.7
N16	11-Jun-09	22:47:34	15:00.0	62.8	39.4	88.8	56.4	43.0
N17	11-Jun-09	22:00:22	15:00.0	64.3	32.8	93.0	56.2	34.6