

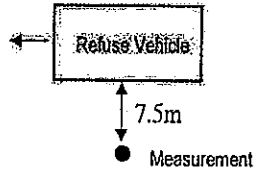
Appendix 4.9

**Noise Measurement
Results of Refuse
Vehicle**

Refuse Vehicle Noise Measurement

Monitoring Date: 17 March 2006

Monitoring Time: 15:00

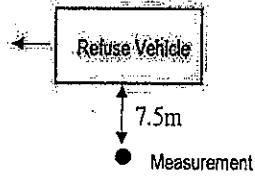


Measurement ID	Vehicle Type	Duration	Leq, dB(A)	Speed, kmh	SWL
14	Dump Truck	13	74.6	22	100
15	Dump Truck	7	69.1	41	95
16	Water Truck	11	69.8	26	95
17	Private Refuse Vehicle	12	70.3	24	96
18	Dump Truck	13	69.3	22	95
19	Container	21	74.1	14	100
20	Dump Truck	13	73.8	22	99
21	Lorry	11	70.9	26	96
22	Dump Truck	13	70.6	22	96
24	Lorry	10	67.2	29	93
25	Private Refuse Vehicle	8	71.8	36	97
26	Van	9	61.3	32	87
27	Dump Truck	7	76.7	41	102
28	Water Truck	18	74.3	16	100
29	Dump Truck	9	74.3	32	100
30	Dump Truck	13	74.6	22	100
31	Dump Truck	9	76.7	32	102
32	Dump Truck	10	73.8	29	99
33	Dump Truck	16	70.2	18	96
34	Dump Truck	10	75.3	29	101
35	Container	20	71.5	14	97
36	Dump Truck	10	73.8	29	99
37	Dump Truck	10	71.7	29	97
38	Dump Truck	13	70.8	22	96
39	Lorry	9	68.3	32	94
40	Dump Truck	11	72.1	26	98
41	Public Refuse Vehicle	10	69.7	29	95
42	Private Refuse Vehicle	19	67.1	15	93
43	Dump Truck	9	77.6	32	103
44	Container	11	65.8	26	91
45	Container	20	75.2	14	101
46	Dump Truck	11	67.7	26	93
47	Container	10	69.7	29	95
48	Dump Truck	8	71.7	36	97
49	Dump Truck	10	72.4	29	98
50	Dump Truck	8	72	36	98
51	Dump Truck	8	72.8	36	98
52	Container	19	73.3	15	99
53	Dump Truck	13	69.1	22	95
54	Private Refuse Vehicle	12	71.1	24	97
55	Dump Truck	18	63.2	16	89
56	Public Refuse Vehicle	12	70	24	96
57	Dump Truck	11	72.8	26	98
58	Dump Truck	11	67.6	26	93
59	Container	22	73.4	13	99
60	Private Refuse Vehicle	14	73.6	21	99
61	Van	11	70.3	26	96

Refuse Vehicle Noise Measurement

Monitoring Date: 17 March 2006

Monitoring Time: 15:00



Measurement ID	Vehicle Type	Duration	Leq, dB(A)	Speed, kph	SWL
62	Van	9	74.6	32	100
63	Dump Truck	11	71	26	97
64	Dump Truck	11	74.9	26	100
65	Container	21	74.5	14	100
66	Dump Truck	9	75.6	32	101
67	Dump Truck	13	69.1	22	95
68	Private Refuse Vehicle	11	65.9	26	91
69	Private Refuse Vehicle	13	68.7	22	94
70	Container	10	69.4	29	95
71	Van	9	73.3	32	99
72	Dump Truck	15	73	19	99
73	Dump Truck	12	71.6	24	97
74	Dump Truck	14	73.8	21	99
75	Dump Truck	10	71.2	29	97
76	Dump Truck	10	70.3	29	96
77	Dump Truck	14	74.5	21	100
78	Dump Truck	11	69.8	26	95
79	Dump Truck	10	70.6	29	96
80	Dump Truck	9	72.4	32	98
81	Dump Truck	10	73.3	29	99
82	Container	14	75.1	21	101
83	Private Refuse Vehicle	12	74.3	24	100
84	Private Refuse Vehicle	14	76.1	21	102
85	Container	20	74.1	14	100
86	Dump Truck	13	72.3	22	98
87	Private Refuse Vehicle	19	74	15	100
88	Dump Truck	13	75	22	101
89	Dump Truck	10	72.1	29	98
90	Dump Truck	14	73.4	21	99
91	Dump Truck	10	73.3	29	99
92	Dump Truck	10	68	29	94
93	Dump Truck	13	70.2	22	96
94	Lorry	11	74.8	26	100
Average Measured Noise Level, dB(A)					97